

APPROVED



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April 20, 2023

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

**Re: Site Closure Report
Sombrero 18 Fed Com Tank Battery
Earthstone Operating, LLC
Incident ID: nAPP2232138798
N-07-21S-33E, Lea County, New Mexico**

1. Introduction

New Tech Global Environmental, LLC (NTGE), on behalf of Earthstone Operating, LLC (Earthstone), submits this Site Closure Report to the NMOCD District 2 Office in Artesia, New Mexico. This report provides documentation of initial soil delineation, sampling, analysis, and remediation activities conducted in the affected areas at the Earthstone Sombrero 18 Fed Com Tank Battery Release Site (Site). The Site is located in Unit Letter N, Section 07 of Township 21 South and Range 33 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.487557° N Latitude and 103.613716° W Longitude. The release occurred on private land owned by T Over V Ranch Land LLLP. Figures 1 and 2 depict the Site location. The footprint of the release is depicted on Figure 3.

2. Background

A C-141, Release Notification, for this release was submitted to the NMOCD on November 17, 2022. The C-141 stated that twenty-two (22) barrels (bbls) of crude oil were released with zero (0) recovered for a net loss of twenty-two (22) bbls crude. The release was due to a second operator fracking in the vicinity which communicated with the on-site wells which caused liquids to be released from the flare. The on-site well was immediately shut-in.

The release falls under the jurisdiction of the NMOCD District 1 Office in Hobbs, New Mexico. The NMOCD assigned the release with Incident Number nAPP2232138798. A Site Characterization and Remediation Work Plan, dated December 23, 2023, was submitted to the NMOCD for review. The report was a remediation update and a request for a reduced sampling plan, from two hundred (200) square feet to four hundred (400) square feet. The report was approved by the NMOCD on December 27, 2022. The Release Notification, Site Assessment/Characterization, Remediation Plan, and Closure portions of Form C-141 are attached to the front of this report.

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3. Groundwater and Site Characterization

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

The area is located in an area of low karst potential with the closest water well (USGS 322851103365201) located approximately 0.27 miles from the release site with a measured groundwater depth of 131.01 feet below ground surface (bgs) measured on December 17, 2015. No other receptors were noted within the specified boundaries or distancing from the site. Figure 3, Delineation Sample Location Map, depicts the boundary of the release. The Site characterization documentation (NM Oil and Gas Map, USGS well information, USGS Well Map, Karst Potential, Significant Watercourse Map, National Wetland Map, and FEMA National Flood Hazard Map) are provided as Attachment A. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), the Site is located within an area with depth to groundwater greater than one hundred (100) feet and meets the Closure Criteria for depth to groundwater greater than one hundred (100) feet in Table I. The soil and closure criteria are listed below:

General Site Characterization and Groundwater: Table 3.1

Site Characterization	Average Groundwater Depth (ft)
No Receptors Found	>100

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	Total BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Table 3.2 Closure Criteria for Soils Impacted by a Release surface to 4.0 feet bgs and off pad (NMAC 19.15.29.13)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+MRO)	Total BTEX	Benzene
19.15.29.13 NMAC Table I Closure Criteria for Soils Impacted by a Release (Surface to 4 feet bgs.)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

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4. Initial Excavation and Soil Delineation Assessment Summary and Findings

Initial excavation of the area commenced on November 11, 2022, with the area adjacent to the flare excavated to depths ranging from surface to two (2) feet bgs. The drainage area to the south of the flare was excavated to depths ranging from three (3) feet bgs to six and a half (6.5) feet bgs. Figure 3, Delineation Sample Location Map, depicts the outline of the release and excavation depths.

After initial excavation activities, on November 22, 2022, NTGE collected fifteen (15) grab delineation samples, S-1 through S-15, adjacent and within the suspected impacted area of the flare. Soil samples were collected at depths ranging from surface to two (2) feet bgs. Due to the local geology deeper samples could not be collected. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by EPA Method 8015B Modified, and chloride by EPA Method 300.0 by Eurofins Environmental Testing (Eurofins) in Midland, Texas.

None of the samples exhibited Benzene or BTEX concentrations above 19.15.29.12 and 19.15.29.13 Table I Closure Criteria. Analytical results indicated five (5) samples exhibited chloride concentrations above 19.15.29.13 Table I Closure Criteria of six hundred (600) milligrams per kilogram (mg/Kg) for surface to four (4) feet bgs, S-1, S-2, S-3, S-7, and S-8. Five (5) samples exhibited TPH concentrations exceeding 19.15.29.13 Table I Closure Criteria of one hundred (100) mg/Kg, S-5, S-6, S-9, S-12, and S-13. Three (3) samples exhibited TPH concentrations exceeding 19.15.29.12 Table I Closure Criteria, S-7, S-8, and S-11. All other samples exhibited TPH concentrations below Table I Closure Criteria. See Table 1 for analytical results. Figure 3, Delineation Sample Location Map, depicts the locations of the initial delineation samples. Analytical results are provided on Table 1, Summary of Soil Analytical Data, and in the Laboratory Analytical Reports and Chain-of-Custody Documentation provided in Attachment D. A Photographic Log is provided in Attachment C.

5. Remedial Action Activities and Confirmation Sampling

After NMOCD approval of the Site Characterization and Remediation Work plan, NTGE and Standard Safety and Supply (Standard), proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. Composite bottom hole and sidewall confirmation samples were collected by way of five (5) point composite samples from areas representing no greater than 400 square feet. The confirmation samples were analyzed for TPH (EPA Method 8015B modified), BTEX (EPA Method 8021B), and chloride (method 300.0).

On January 26, 2023, NTGE collected twenty-four (24) composite bottom hole confirmation samples and forty-six (46) sidewall composite confirmation samples. The samples were submitted to Pace Analytical (Pace) in Mount Juliet in Tennessee. Analytical results indicated that seven (7) sidewall composite samples (SW-1, SW-3, SW-10, SW-28, SW-38, and SW-39) exhibited TPH concentrations that exceeded NMAC 19.15.29.13

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Table 1 Closure Criteria. All bottom hole confirmation samples collected at this time were below regulatory standards.

Between March 6, 2023, and March 9, 2023, after further excavation activities were conducted by Standard, NTGE conducted confirmation sampling events, whereby five (5) composite sidewall samples (SW-1A, SW-3A, SW-10A, SW-38A, and SW-39A) were collected and submitted to Eurofins in Carlsbad, NM. All analytical results were below the Table 1 Closure Criteria for benzene, BTEX, TPH, and chlorides.

On March 14, 2023, NTGE conducted a confirmation sampling event, whereby thirty-three (33) bottom hole composite samples (CS-25 through CS-57) and nine (9) sidewall composite samples (SW-28A, SW-47 through SW-54) were collected and submitted to Eurofins in Carlsbad, NM. Analytical results indicated that two (2) bottom hole composite samples (CS-49 and CS-54) and three (3) sidewall composite sample (SW-48, SW-49, and SW-51) exhibited TPH and/or chloride concentrations that exceeded the Table 1 Closure Criteria. All other samples were below Table 1 Closure Criteria. Based on this data, NTGE and Standard further excavated the impacted areas.

On March 21, 2023, NTGE conducted a confirmation sampling event, whereby sixty-three (63) bottom hole composite samples (CS-58 through CS-120) and eleven (11) sidewall composite samples (SW-55 through SW-65) were collected and submitted to Cardinal in Hobbs, NM. Analytical results indicated that all samples were under the Table 1 Closure Criteria for benzene, BTEX, TPH, and chlorides.

The areas represented by bottom hole confirmation samples (CS-49 and CS-54), and composite sidewall samples (SW-48, SW-49, and SW-51) were further excavated by Standard due to the TPH and/or chloride exceedances. The bottom hole confirmation samples were excavated to a depth of three (3) ft bgs. On March 30, 2023, after further excavation by Standard, NTGE conducted a sampling event, whereby two (2) bottom hole composite samples (CS-49 and CS-54), and six (6) sidewall composite samples (SW-48A, SW-49A, SW-51A, and SW-66 through SW-68) were collected and submitted to Cardinal in Hobbs, NM. Analytical Results indicated that all samples were under the Table 1 Closure Criteria for, benzene, BTEX, TPH, and chlorides.

Approximately 144.89 tons of impacted soils were transported offsite for disposal at Lea Land, LLC of Carlsbad, New Mexico, and approximately 4,129 cubic yards of impacted soils were transported offsite for disposal at Lazy Ace Landfarm, LLLP of Eunice New Mexico for final disposition. Due to the file size, manifests are available upon request. The final excavation extent is shown on Figure 4 and confirmation sample locations are shown in Figures 5 through 9. Analytical results of the confirmation samples are included in Table 2, and in the Laboratory Analytical Reports provided in Attachment D. A photographic log is provided as Attachment C and Confirmation Sampling Notifications are provided as Attachment B.

6. nAPP2232138798 Closure Request

The excavation was backfilled with non-impacted material. Site characterization, soil delineation, and remediation activities for this incident number have been performed in

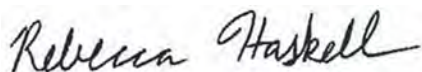
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accordance to applicable NMOCD guidance and regulations. The Release Notification, Site Assessment/Characterization, Remediation Plan, and Closure portions of Form C-141 are attached to the front of this report. Based upon supporting documentation provided in this report, NTGE, on behalf of Earthstone, respectfully requests closure with no further regulatory action for nAPP2232138798.

If you have any questions regarding this report or need additional information, please contact us at 432-766-1918.

Sincerely,

NTG Environmental



Becky Haskell
Senior Project Manager

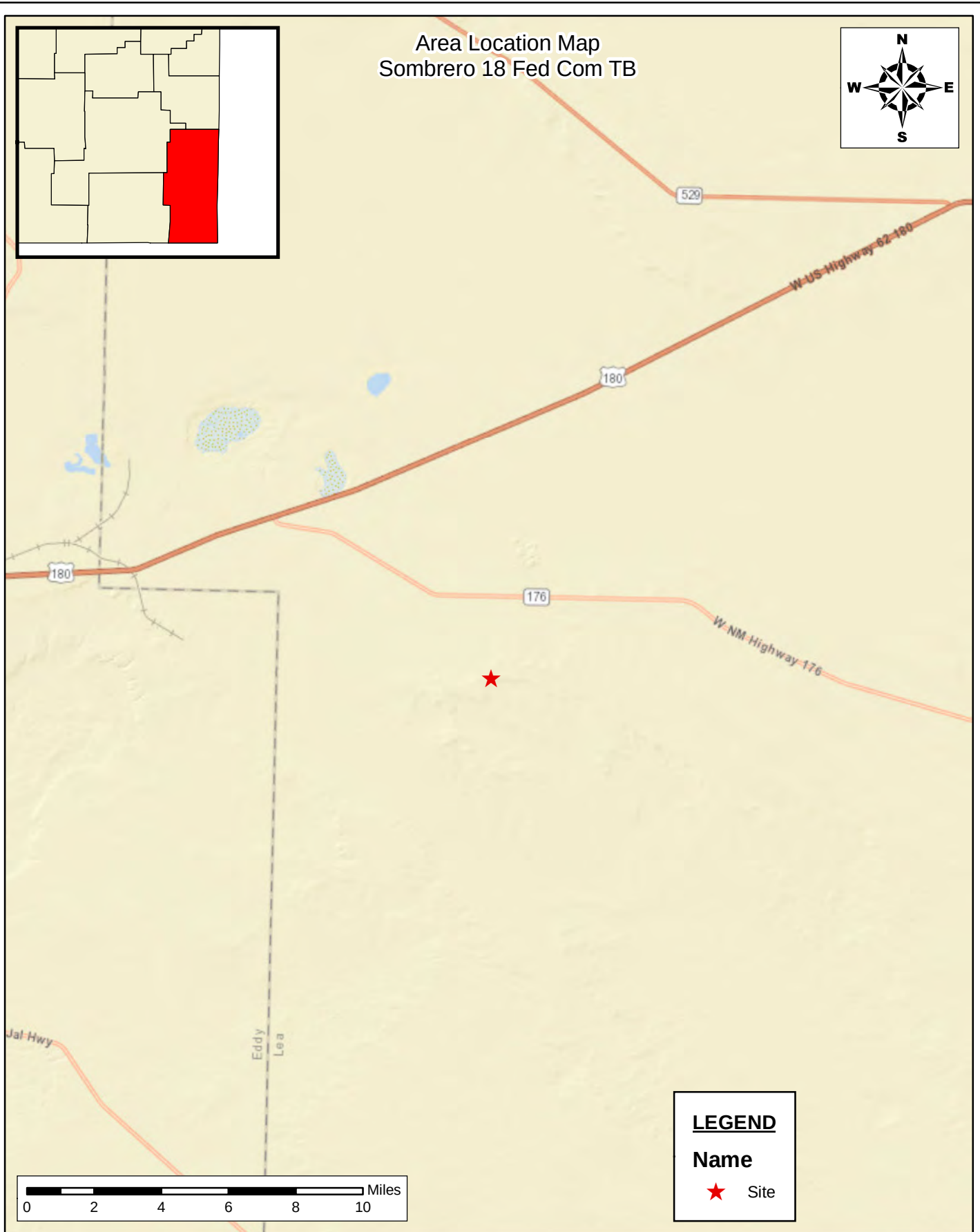
Attachments:

Figure 1:	Area Location Map
Figure 2:	Topographic Map
Figure 3:	Delineation Sample Location Map
Figure 4:	Excavation Overview Map
Figure 5:	Confirmation Sample Map
Figure 6:	Confirmation Sample Map
Figure 7:	Confirmation Sample Map
Figure 8:	Confirmation Sample Map
Figure 9:	Confirmation Sample Map
Table 1:	Summary of Soil Analytical Data – Delineation Samples
Table 2:	Summary of Soil Analytical Data – Confirmation Samples
Appendix A:	Site Characterization Documentation
Appendix B:	Confirmation Sampling Notifications
Appendix C:	Photographic Log
Appendix D:	Laboratory Analytical Reports and Chain -of-Custody Documentation

FIGURES



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Area Location Map
Earthstone Energy
Sombbrero 18 Fed Com TB
Lea County, New Mexico
32.487557, -103.613716

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NOTES:

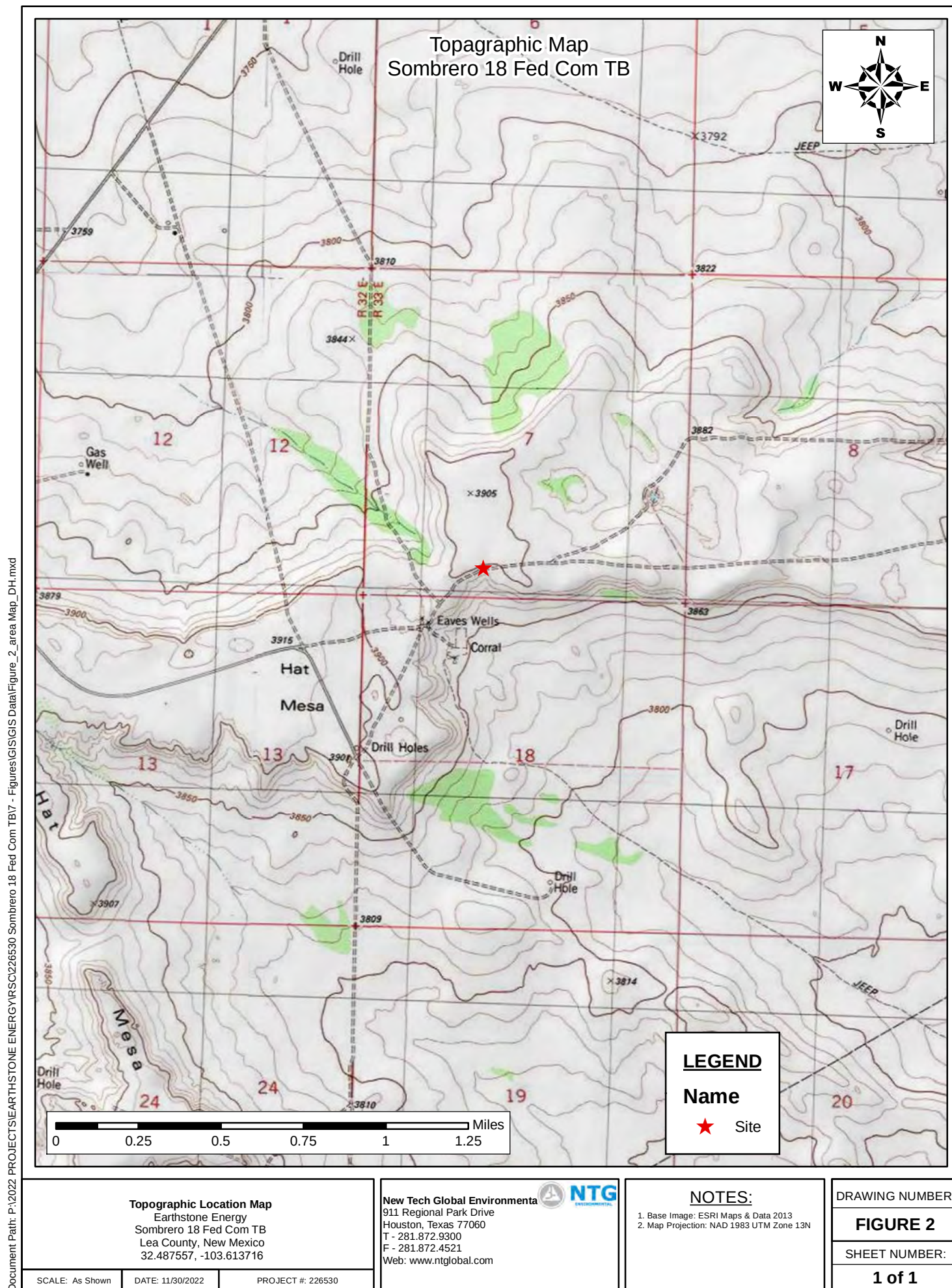
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2. Map Projection: NAD 1983 UTM Zone 13N

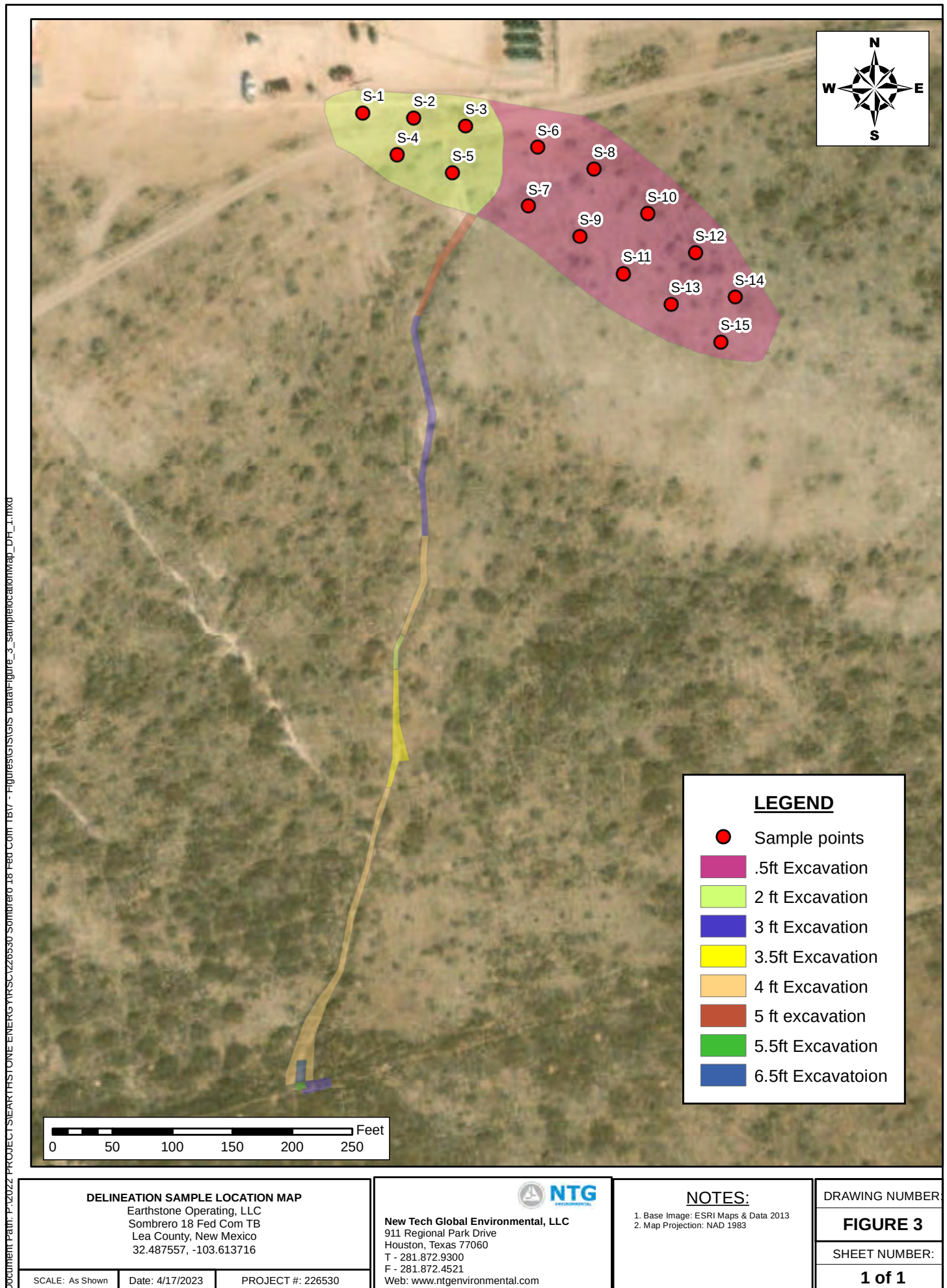
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FIGURE 1

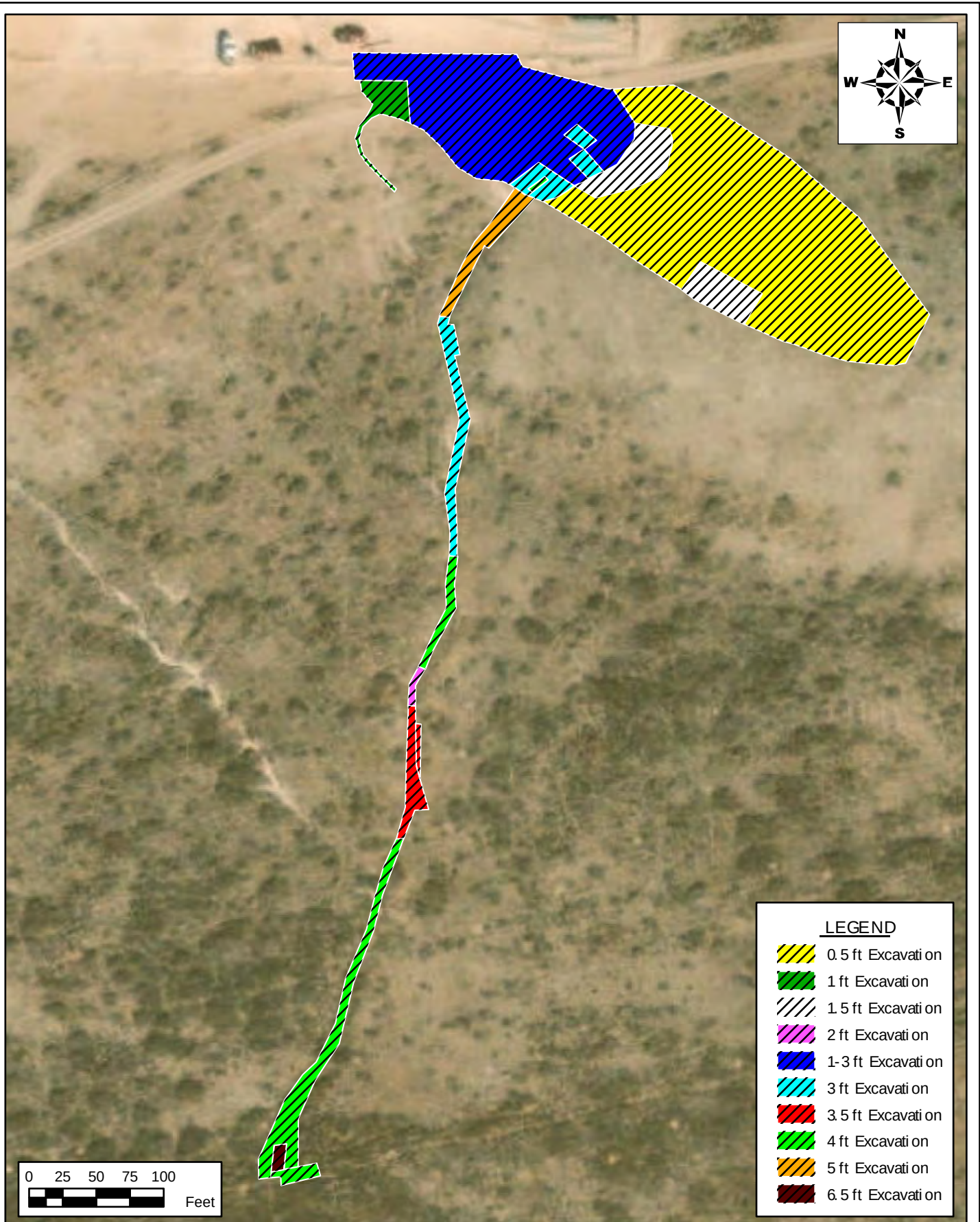
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EXCAVATION OVERVIEW MAP
EARTHSTONE OPERATING, LLC
 SOMBRERO 18 FEDERAL COM TANK BATTERY
 LEA COUNTY, NEW MEXICO
 32.487557, -103.613716

SCALE: As Shown

Date: 4/19/2023

PROJECT #: 226530



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NOTES:

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

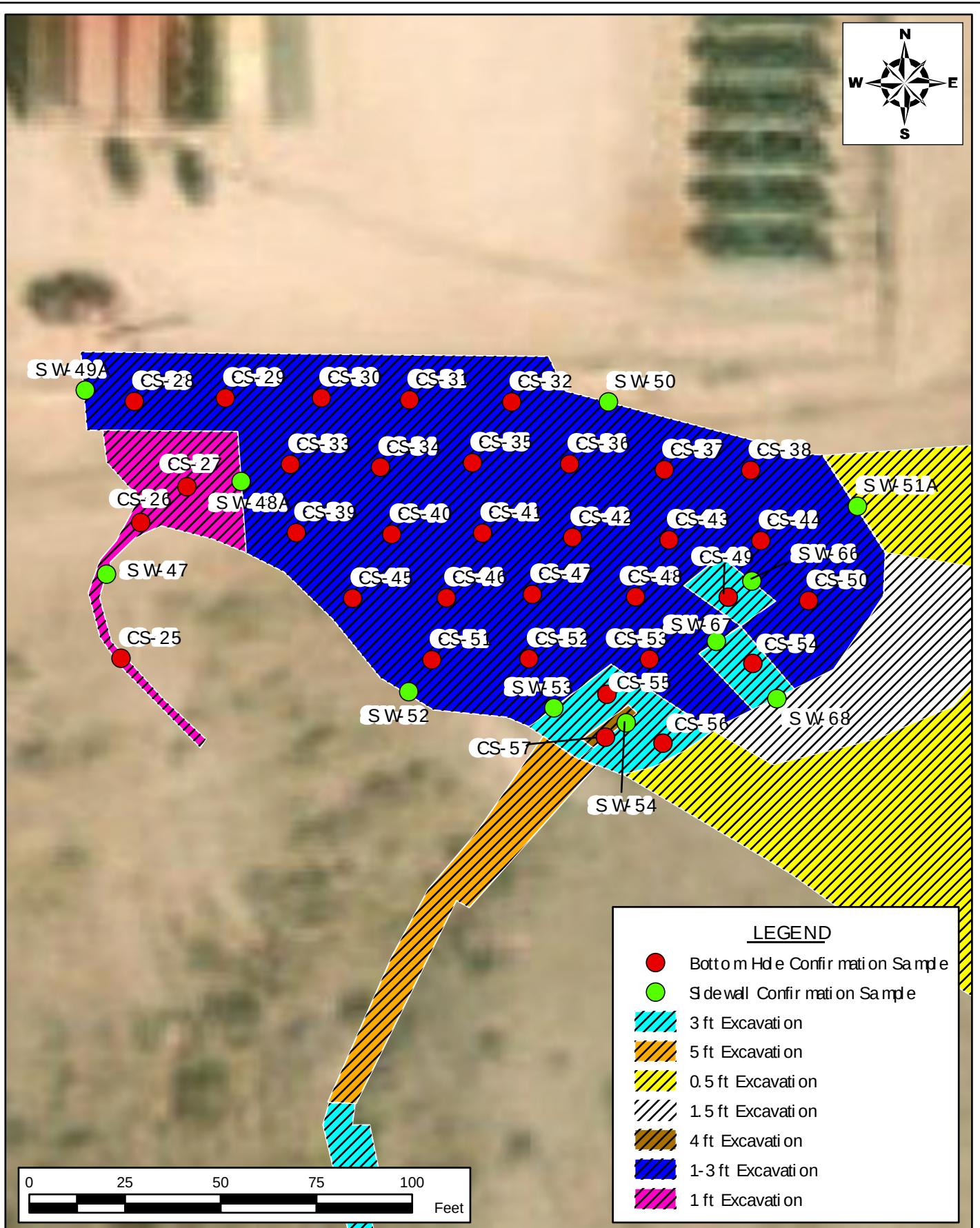
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FIGURE 4

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CONFIRMATION SAMPLE MAP
EARTHSTONE OPERATING, LLC
 SOMBRERO 18 FEDERAL COM TANK BATTERY
 LEA COUNTY, NEW MEXICO
 32.487557, -103.613716

SCALE: As Shown

Date: 4/18/2023

PROJECT #: 226530



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NOTES:

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

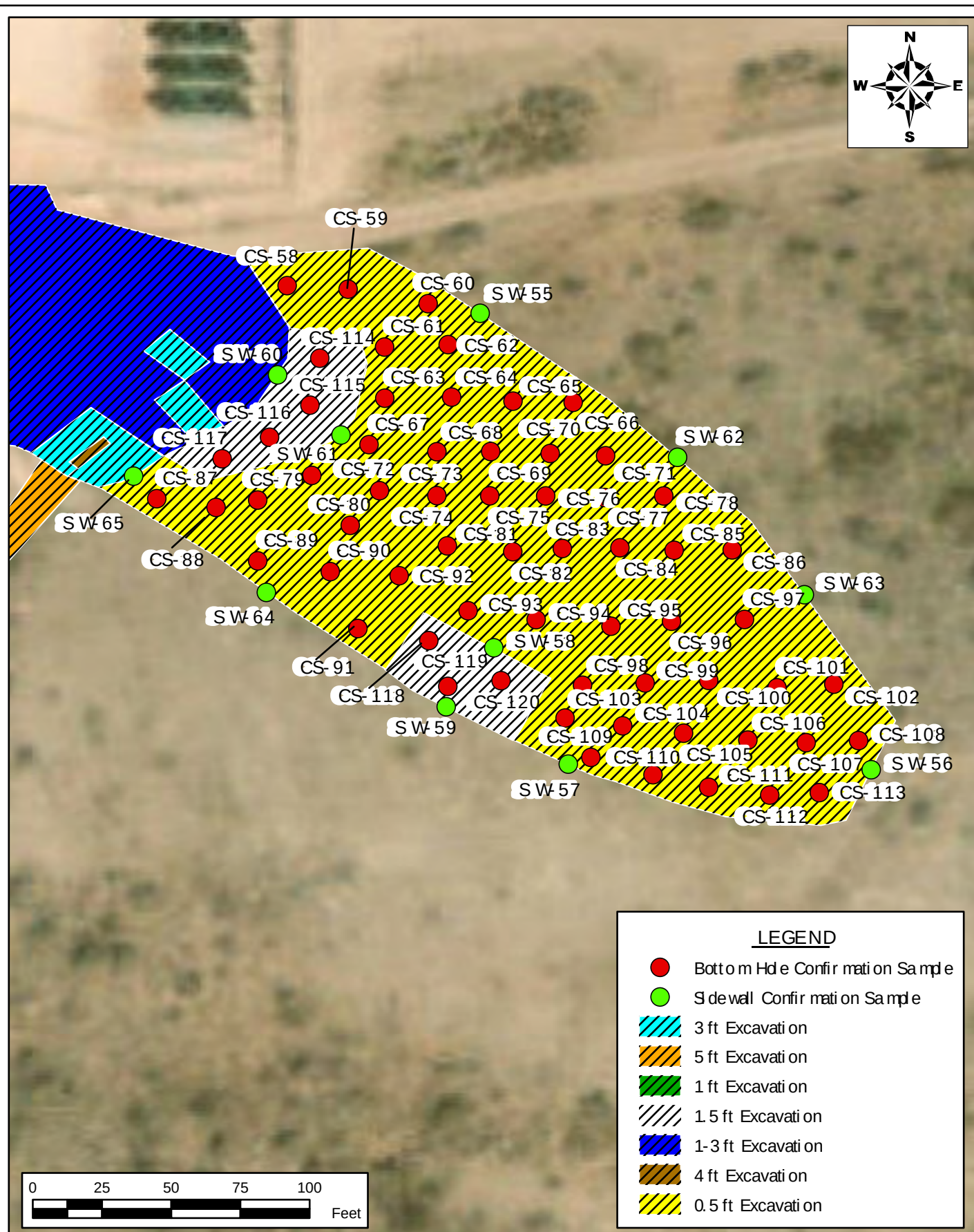
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FIGURE 5

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CONFIRMATION SAMPLE MAP
EARTHSTONE OPERATING, LLC
 SOMBRERO 18 FEDERAL COM TANK BATTERY
 LEA COUNTY, NEW MEXICO
 32.487557, -103.613716

SCALE: As Shown

Date: 4/18/2023

PROJECT #: 226530



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NOTES:

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

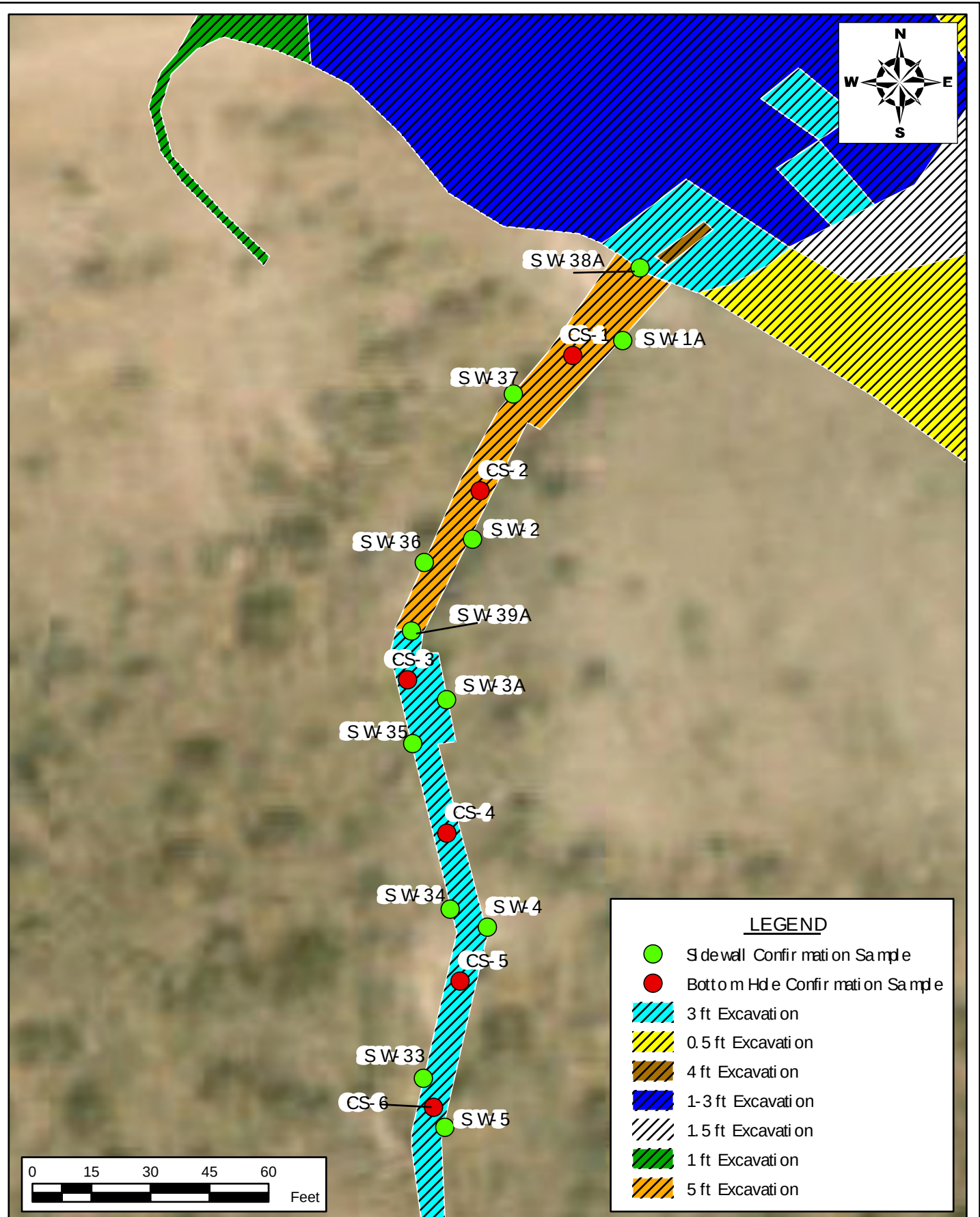
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FIGURE 6

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CONFIRMATION SAMPLE MAP
EARTHSTONE OPERATING, LLC
 SOMBRERO 18 FEDERAL COM TANK BATTERY
 LEA COUNTY, NEW MEXICO
 32.487557, -103.613716

SCALE: As Shown

Date: 4/19/2023

PROJECT #: 226530



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NOTES:

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

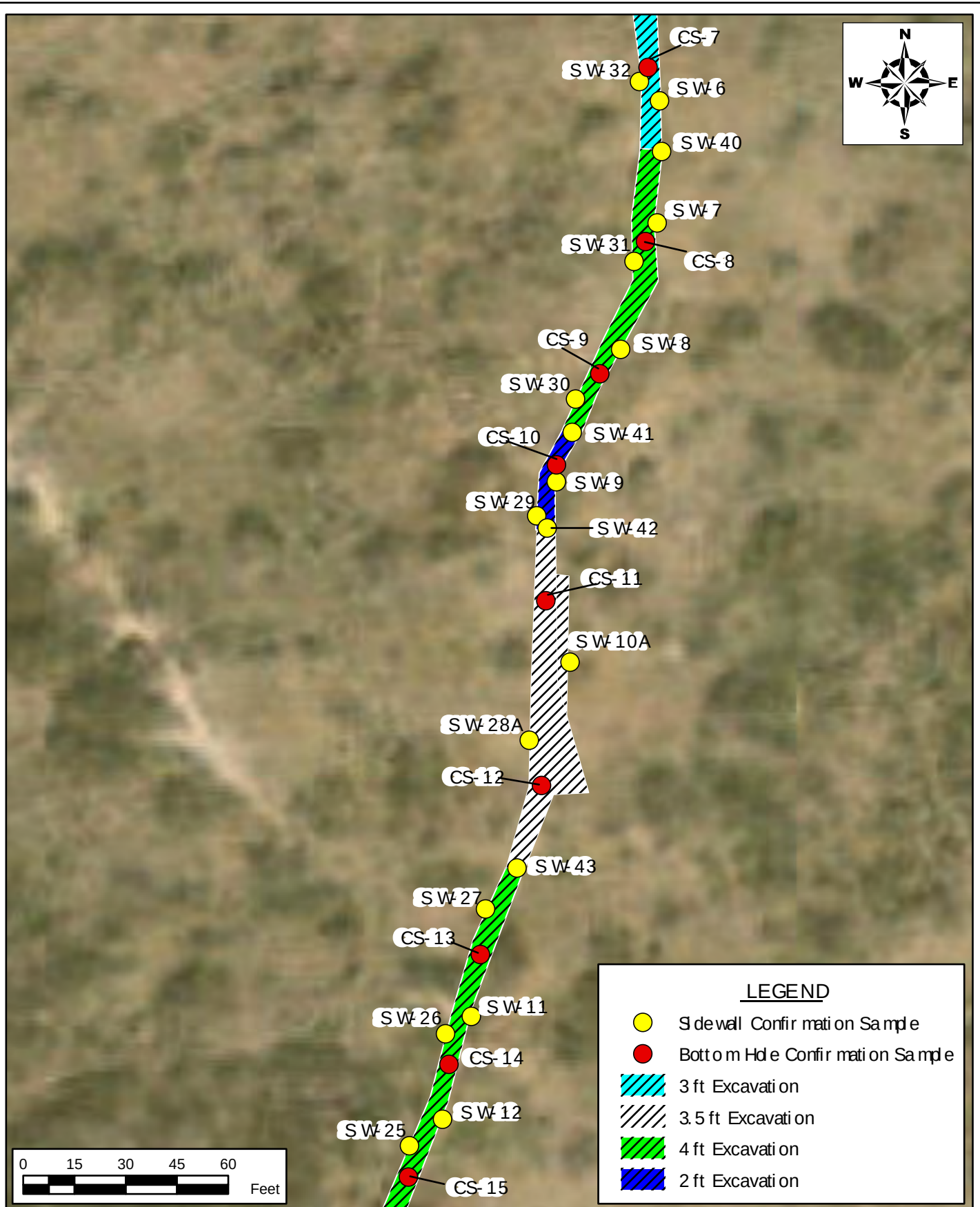
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FIGURE 7

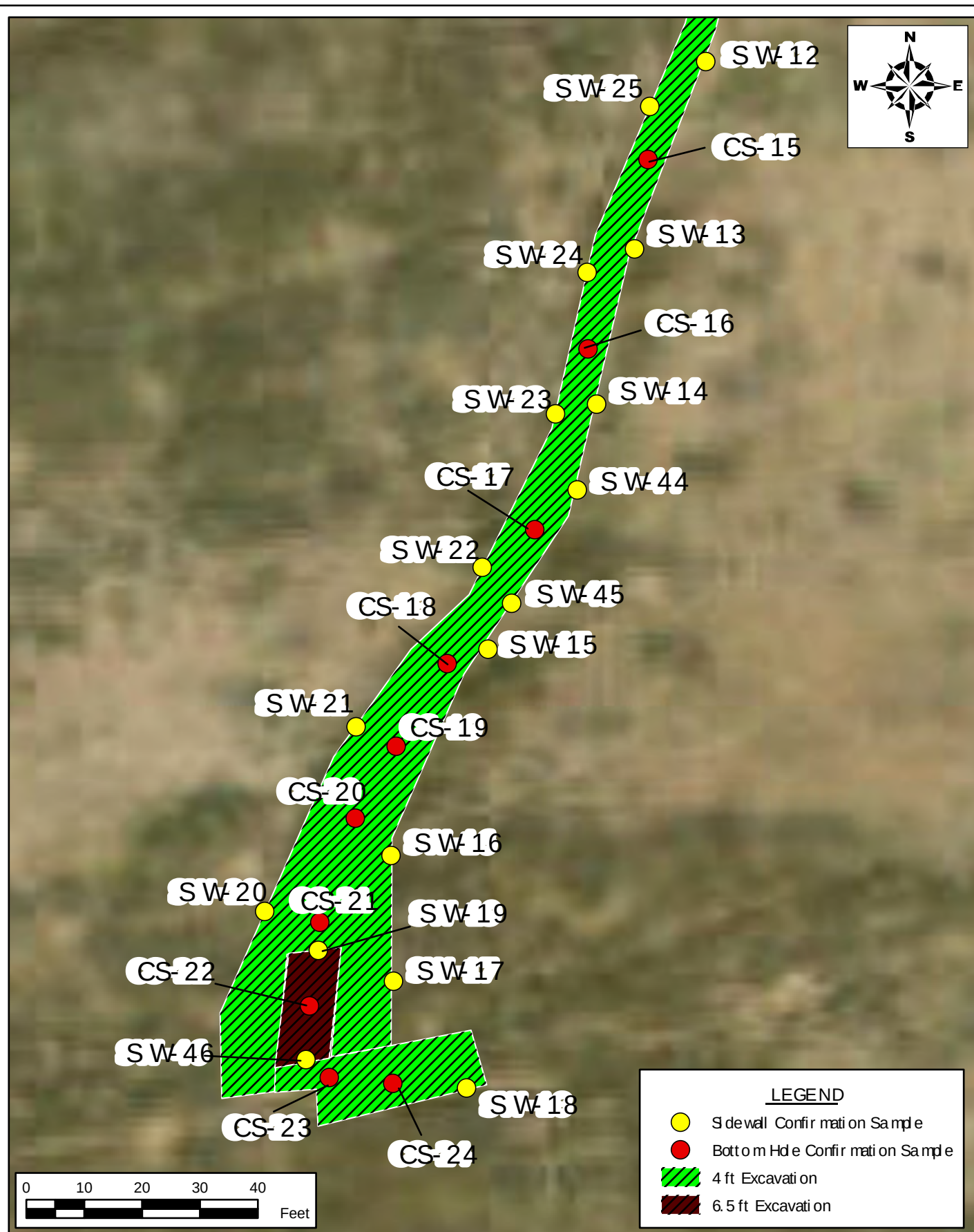
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TABLES



Table 1
Summary of Soil Analytical Data - Delineation Samples
Sombrero 18 Fed Com Tank Battery
Earthstone Operating, LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
S-1	11/22/2022	(2')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	54.5	54.5	<49.9	54.5	1,340
S-2	11/22/2022	(2')	0.00284	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	907
S-3	11/22/2022	(2')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	860
S-4	11/22/2022	(2')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	317
S-5	11/22/2022	(2')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	387	387	<50.0	387	225
S-6	11/22/2022	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	408	408	<49.9	408	205
S-7	11/22/2022	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	278	4,970	5,248	<50.0	5,250	870
S-8	11/22/2022	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	2,340	2,340	<49.9	2,340	693
S-9	11/22/2022	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	598	598	<49.9	598	53.2
S-10	11/22/2022	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	49.9
S-11	11/22/2022	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	1,850	1,850	<49.9	1,850	223
S-12	11/22/2022	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	568	568	<50.0	568	228
S-13	11/22/2022	(0-0.5')	<0.00199	0.00233	<0.00199	0.00660	0.00893	<50.0	562	562	<50.0	562	79.3
S-14	11/22/2022	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	18.7
S-15	11/22/2022	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	95.8	95.8	<50.0	95.8	20.6

Notes:

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



Sample Point Excavated

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

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

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

- Not Analyzed

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Sombrero 18 Fed Com TB
Earthstone Operating, LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Confirmation Bottom-Hole Samples													
CS-1	1/26/2023	5'	0.000883	<0.00564	<0.000564	<0.00169	0.000883	<0.113	34.4	34.4	39.9	75.4	<22.6
CS-2	1/26/2023	5'	<0.000564	<0.00564	<0.000564	<0.00169	<0.000564	<0.118	6.25	6.25	6.44	12.69	<23.6
CS-3	1/26/2023	3'	0.00145	<0.00601	<0.000601	<0.00180	<0.00145	<0.120	<4.80	<4.80	<4.80	<4.80	<24.0
CS-4	1/26/2023	3'	<0.000567	<0.00567	<0.000567	<0.00170	<0.00170	<0.113	<4.54	<4.54	4.58	4.58	45.5
CS-5	1/26/2023	3'	0.000827	<0.00545	<0.000545	<0.00164	<0.00164	<0.109	9.19	9.19	8.4	17.6	<21.8
CS-6	1/26/2023	3'	<0.000616	<0.00616	<0.000616	<0.00185	<0.00185	<0.123	16.1	16.1	15.2	31.3	197
CS-7	1/26/2023	3'	0.0016	<0.00572	<0.000572	<0.00171	<0.00160	<0.114	25.7	25.7	20.8	47	30.6
CS-8	1/26/2023	4'	<0.000620	<0.00620	<0.000620	<0.00186	<0.00186	<0.124	<4.96	<4.96	<4.96	<4.96	<24.8
CS-9	1/26/2023	4'	<0.000567	<0.00567	<0.000567	<0.00170	<0.00170	<0.113	<4.53	<4.53	<4.53	<4.53	<22.7
CS-10	1/26/2023	2'	<0.000643	<0.00643	<0.000643	<0.00193	<0.00643	<0.129	<5.15	<5.15	<5.15	<5.15	<25.7
CS-11	1/26/2023	3.5'	<0.000629	<0.00629	<0.000629	<0.00189	<0.00189	<0.126	<5.03	<5.03	<5.03	<5.03	<25.1
CS-12	1/26/2023	3.5'	<0.000622	<0.00622	<0.000622	<0.00187	<0.00187	<0.124	<4.97	<4.97	<4.97	<4.97	<25.4
CS-13	1/26/2023	4'	<0.000579	<0.00579	<0.000579	<0.00174	<0.00174	<0.116	<4.63	<4.63	7.03	7.03	<23.2
CS-14	1/26/2023	4'	<0.000642	<0.00642	<0.000642	<0.00193	<0.00193	<0.128	<5.14	<5.14	<5.14	<5.14	<25.7
CS-15	1/26/2023	4'	<0.000634	<0.00634	<0.000634	<0.00190	<0.00190	<0.127	<5.07	<5.07	<5.07	<5.07	49.6
CS-16	1/26/2023	4'	<0.000579	<0.00579	<0.000579	<0.00174	<0.00174	<4.63	<4.63	<4.63	<4.63	<4.63	239
CS-17	1/26/2023	4'	<0.000565	<0.00565	<0.000565	<0.00170	<0.00170	149.5	149.5	299	219	518	153
CS-18	1/26/2023	4'	<0.000620	<0.00620	<0.000620	<0.00186	<0.00186	5.8	5.8	11.6	17.1	28.7	<24.8
CS-19	1/26/2023	4'	<0.000573	<0.00573	<0.000573	<0.00172	<0.00172	4.14	4.15	8.29	14.2	22.49	<22.9
CS-20	1/26/2023	4'	<0.000573	<0.00573	<0.000573	<0.00172	<0.00172	<4.58	<4.58	<4.58	5.83	5.83	29.3
CS-21	1/26/2023	4'	<0.000564	<0.00564	<0.000564	<0.00169	<0.00169	10	9.9	19.9	26.4	46.3	108
CS-22	1/26/2023	6.5'	<0.000559	<0.00559	<0.000559	<0.00168	<0.00168	25	26	51.8	57.5	109.3	55.2
CS-23	1/26/2023	4'	<0.000570	<0.00570	<0.000570	<0.00171	<0.00171	35.9	36	71.9	71.4	143.3	59
CS-24	1/26/2023	4'	<0.000570	<0.00570	<0.000570	<0.00171	<0.00171	58.5	58.5	117	115	232	193
CS-25	3/14/2023	1'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	441
CS-26	3/14/2023	1'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	50.3	50.3	<50.0	50.3	514
CS-27	3/14/2023	1'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	372
CS-28	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	509
CS-29	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	38.1
CS-30	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	66.1
CS-31	3/14/2023	1-3'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	156
CS-32	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	352
CS-33	3/14/2023	1-3'	<0.000227	<0.000227	<0.000227	<0.000455	<0.000455	<49.9	<49.9	<49.9	<49.9	<49.9	228
CS-34	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	90.8
CS-35	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	159
CS-36	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	55.6
CS-37	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	297
CS-38	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	49.8
CS-39	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	114
CS-40	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	182
CS-41	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	170
CS-42	3/14/2023	1-3'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	65.6	65.6	<49.9	65.6	254
CS-43	3/14/2023	1-3'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	66.6	66.6	<50.0	66.6	154

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Sombrero 18 Fed Com TB
Earthstone Operating, LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO		
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg		20,000 mg/kg
CS-44	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	75.1	75.1	<49.9	75.1	135	
CS-45	3/14/2023	1-3'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	59.2	59.2	<49.9	59.2	30.5	
CS-46	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	95.8	
CS-47	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	113	
CS-48	3/14/2023	1-3'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	68.4	68.4	<50.0	68.4	196	
CS-49	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	106	106	<49.9	106	158	
CS-49	3/30/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
CS-50	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	54.3	
CS-51	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	40.5	
CS-52	3/14/2023	1-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	364	
CS-53	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	518	
CS-54	3/14/2023	1-3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	168	168	<50.0	168	192	
CS-54	3/30/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
CS-55	3/14/2023	3'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	313	
CS-56	3/14/2023	3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	18.1	
CS-57	3/14/2023	4'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	56.3	
CS-58	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.3	14.3	<10.0	14.3	192	
CS-59	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144	
CS-60	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-61	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	62.9	62.9	17.7	80.6	128	
CS-62	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-63	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
CS-64	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-65	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-66	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-67	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.2	20.2	<10.0	20.2	112	
CS-68	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176	
CS-69	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-70	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-71	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	59.3	59.3	21.6	80.9	144	
CS-72	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-73	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-74	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-75	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-76	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-77	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-78	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-79	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-80	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-81	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-82	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96	
CS-83	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-84	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-85	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Sombrero 18 Fed Com TB
Earthstone Operating, LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
CS-86	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-87	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-88	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-89	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-90	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-91	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-92	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-93	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-94	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-95	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-96	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-97	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-98	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-99	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.5	12.5	<10.0	12.5	96
CS-100	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-101	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.2	13.2	<10.0	13.2	48
CS-102	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-103	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-104	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-105	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-106	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-107	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-108	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-109	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-110	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-111	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-112	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-113	3/21/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-114	3/21/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-115	3/21/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-116	3/21/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-117	3/21/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-118	3/21/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-119	3/21/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-120	3/21/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
Confirmation Sidewall Sample													
SW-1	1/26/2023	0-5'	<0.000560	<0.00560	<0.000560	<0.00108	<0.00108	21.7	21.7	49.4	66.5	103.9	<22.4
SW-1 A	3/9/2023	0-5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	108
SW-2	1/26/2023	0-5'	0.000594	<0.00552	<0.000552	<0.00165	0.000594	4.72	4.72	9.44	26.6	36.04	<22.3
SW-3	1/26/2023	0-3'	<0.000548	<0.00548	<0.000548	<0.00164	<0.00164	21.95	21.95	49.9	62.8	106.7	58
SW-3A	3/6/2023	0-3'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	40.2
SW-4	1/26/2023	0-3'	<0.000570	<0.00570	<0.000570	<0.00171	<0.00171	4.8	4.9	9.7	6.18	15.88	<22.8
SW-5	1/26/2023	0-3'	<0.000535	<0.00535	<0.000535	<0.00161	<0.00161	2.44	2.44	4.88	8.64	13.52	161
SW-6	1/26/2023	0-3'	<0.000563	<0.00563	<0.000563	<0.00169	<0.00169	3.41	3.41	6.82	14.5	21.32	24.5

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Sombrero 18 Fed Com TB
Earthstone Operating, LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg			
SW-7	1/26/2023	0-4'	<0.000532	<0.00532	<0.000532	<0.00160	<0.00160	<4.25	<4.25	<4.25	9.71	9.71	201
SW-8	1/26/2023	0-4'	<0.000559	<0.00559	<0.000559	<0.00168	<0.00168	6.2	6.1	12.3	32.3	44.6	<22.3
SW-9	1/26/2023	0-2'	0.00105	<0.00547	<0.000547	<0.0164	0.00105	2.99	2.99	5.98	15.6	21.58	<21.9
SW-10	1/26/2023	0-3.5'	<0.000534	<0.00534	<0.000534	<0.00160	<0.00160	18.4	18.4	36.8	63.3	100.1	<21.3
SW-10A	3/6/2023	0-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	43.4
SW-11	1/26/2023	0-4'	<0.000544	<0.00544	<0.000544	<0.00109	<0.00109	11.1	11.1	22.2	65.5	87.7	324
SW-12	1/26/2023	0-4'	<0.000538	<0.00538	<0.000538	<0.00108	<0.00108	10	10.9	20.9	35.3	56.2	43.7
SW-13	1/26/2023	0-4'	<0.000588	<0.00588	<0.000588	<0.00118	<0.00118	3.6	3.64	7.24	18.7	25.94	<23.8
SW-14	1/26/2023	0-4'	<0.000551	<0.00551	<0.000551	<0.00165	<0.00165	<4.41	<4.41	<4.41	8.23	8.23	<22.7
SW-15	1/26/2023	0-4'	<0.000665	<0.00665	<0.000665	<0.00199	<0.00199	<5.32	<5.32	<5.32	<5.32	<5.32	29
SW-16	1/26/2023	0-4'	<0.000574	<0.000574	<0.000574	<0.00172	<0.00172	<4.59	<4.59	<4.59	5.39	5.39	<23.0
SW-17	1/26/2023	0-4'	<0.000565	<0.00565	<0.000565	<0.00169	<0.00169	6.6	6.6	13.2	12	25.2	71
SW-18	1/26/2023	0-4'	<0.000536	<0.00536	<0.000536	<0.00161	<0.00161	6.9	6.9	13.8	31.5	45.3	<31.4
SW-19	1/26/2023	4'-6.5'	<0.000649	<0.00649	<0.000649	<0.00195	<0.00195	<519	<519	<519	<519	<519	<26.0
SW-20	1/26/2023	0-4'	<0.000677	<0.00677	<0.000677	<0.00135	<0.00135	<5.41	<5.41	<5.41	<5.41	<5.41	<27.1
SW-21	1/26/2023	0-4'	<0.000671	<0.00671	<0.000671	<0.00134	<0.00134	<5.37	<5.37	<5.37	<5.37	<5.37	34.3
SW-22	1/26/2023	0-4'	<0.000670	<0.00670	<0.000670	<0.00134	<0.00134	<5.36	<5.36	<5.36	<5.36	<5.36	<27.1
SW-23	1/26/2023	0-4'	<0.000670	<0.00670	<0.000670	<0.00134	<0.00134	<5.36	<5.36	<5.36	<5.36	<5.36	<26.8
SW-24	1/26/2023	0-4'	<0.000587	<0.00587	<0.000587	<0.00176	<0.00176	<4.69	<4.69	<4.69	<4.69	<4.69	247
SW-25	1/26/2023	0-4'	<0.000545	<0.00545	<0.000545	<0.00164	<0.00164	4.43	4.43	8.86	14.2	23.06	44.1
SW-26	1/26/2023	0-4'	<0.000524	<0.00524	<0.000524	<0.00157	<0.00157	4.75	4.75	9.5	32.3	41.8	37.4
SW-27	1/26/2023	0-4'	<0.000523	<0.00523	<0.000523	<0.00157	<0.00157	<4.18	<4.18	<4.18	5.72	5.72	<20.9
SW-28	1/26/2023	0-3.5'	<0.000550	<0.00550	<0.000550	<0.00165	<0.00165	105	105	210	147	357	37.6
SW-28A	3/14/2023	0-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	49.9
SW-29	1/26/2023	0-2'	<0.000525	<0.00525	<0.000525	<0.00157	<0.00157	2.14	2.14	4.28	10.5	14.78	223
SW-30	1/26/2023	0-4'	0.000564	<0.00528	<0.000528	<0.00158	0.000564	<4.22	<4.22	<4.22	<4.22	<4.22	104
SW-31	1/26/2023	0-4'	<0.000560	<0.00560	<0.000560	<0.00168	<0.00168	<4.48	<4.48	<4.48	<4.48	<4.48	77.7
SW-32	1/26/2023	0-3'	<0.000554	<0.00554	<0.000554	<0.00166	<0.00166	<4.43	<4.43	<4.43	<4.43	<4.43	106
SW-33	1/26/2023	0-3'	<0.000563	<0.00563	<0.000563	<0.00169	<0.00169	14.9	15	29.9	44	73.9	28.2
SW-34	1/26/2023	0-3	<0.000564	<0.00564	<0.000564	<0.00169	<0.00169	<4.51	<4.51	<4.51	6.32	6.32	<23.0
SW-35	1/26/2023	0-3	<0.000561	<0.00561	<0.000561	<0.00168	<0.00168	2.5	2.49	4.99	13.3	18.29	<22.9
SW-36	1/26/2023	0-5'	<0.000549	<0.00549	<0.000549	<0.00165	<0.00165	3.4	3.27	6.67	13.7	20.37	55.4
SW-37	1/26/2023	0-5'	<0.000538	<0.00538	<0.000538	<0.00162	<0.00162	<4.31	<4.31	<4.31	6.03	6.03	<22.4
SW-38	1/26/2023	2.5-4'	<0.000541	<0.00541	<0.000541	<0.00162	<0.00162	102	110	212	182	394	37.9
SW-38A	3/6/2023	0-5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	124
SW-39	1/26/2023	3-5'	<0.000550	<0.00550	<0.000550	<0.00165	<0.00165	24	24.3	48.3	52.6	100.9	<22.2
SW-39A	3/6/2023	0-5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	251
SW-40	1/26/2023	3-4'	<0.000546	<0.00546	<0.000546	<0.00164	<0.00164	<4.37	<4.37	<4.37	4.78	4.78	<21.8
SW-41	1/26/2023	2-4'	<0.000549	<0.00549	<0.000549	<0.00165	<0.00165	<4.39	<4.39	<4.39	<4.39	<4.39	31.4
SW-42	1/26/2023	2-3.5'	<0.000543	<0.00543	<0.000543	<0.00163	<0.00163	<4.35	<4.35	<4.35	13.6	13.6	<31.7
SW-43	1/26/2023	3.5-4	<0.000603	<0.00603	<0.000603	<0.00181	<0.00181	<4.83	<4.83	<4.83	5.48	5.48	<24.9
SW-44	1/26/2023	0-4'	<0.000625	<0.00625	<0.000625	<0.00188	<0.00188	<5	<5	<5	<5	<5	<25
SW-45	1/26/2023	0-4'	<0.000649	<0.00649	<0.000649	<0.00195	<0.00195	<5.19	<5.19	<5.19	<5.19	<5.19	<26.2
SW-46	1/26/2023	4'-6.5'	<0.000575	<0.00575	<0.000575	<0.00172	<0.00172	<4.60	<4.60	<4.60	<4.60	<4.60	<24.1

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Sombrero 18 Fed Com TB
Earthstone Operating, LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
SW-47	3/14/2023	0-1'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	192
SW-48	3/14/2023	1-2'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	686
SW-48A	3/30/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
SW-49	3/14/2023	0-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	99.3	99.3	<50.0	99.3	1900
SW-49A	3/30/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-50	3/14/2023	0-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	430
SW-51	3/14/2023	0-3'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	116	116	<49.9	116	65.9
SW-51A	3/30/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-52	3/14/2023	0-3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	<5.05
SW-53	3/14/2023	2-3'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	230
SW-54	3/14/2023	3-4'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	15.6
SW-55	3/21/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-56	3/21/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-57	3/21/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-58	3/21/2023	0.5-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-59	3/21/2023	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-60	3/21/2023	1.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-61	3/21/2023	0.5-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-62	3/21/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-63	3/21/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-64	3/21/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-65	3/21/2023	0.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-66	3/30/2023	2-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-67	3/30/2023	2-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-68	3/30/2023	1.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112

Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B
- SP-1 Sample Point Excavated
- ND= NON DETECTABLE

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

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION

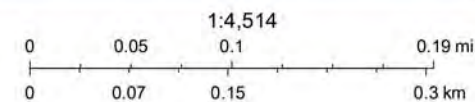


Sombrero 18 Federal Com Tank Battery



12/23/2022, 11:20:02 AM

- ▲ USGS Historical GW Wells
- ▲ USGS Active Monitoring GW Wells
- OSE Streams
- PLSS Second Division
- PLSS First Division
- Karst Occurrence Potential
- Low



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
United States

GO

Click to hideNews Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 322851103365201

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 322851103365201 21S.33E.18.12314

Lea County, New Mexico
Latitude 32°29'06.6", Longitude 103°37'00.6" NAD83
Land-surface elevation 3,883 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



11/7/22, 3:42 PM

USGS Groundwater for USA: Water Levels -- 1 sites

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1965-11-16			D	62610	3764.22	NGVD29	1	Z			A
1965-11-16			D	62611	3765.86	NAVD88	1	Z			A
1965-11-16			D	72019	117.14		1	Z			A
1968-03-21			D	62610	3764.19	NGVD29	1	Z			A
1968-03-21			D	62611	3765.83	NAVD88	1	Z			A
1968-03-21			D	72019	117.17		1	Z			A
1971-02-04			D	62610	3763.86	NGVD29	1	Z			A
1971-02-04			D	62611	3765.50	NAVD88	1	Z			A
1971-02-04			D	72019	117.50		1	Z			A
1972-09-12			D	62610	3764.56	NGVD29	1	Z			A
1972-09-12			D	62611	3766.20	NAVD88	1	Z			A
1972-09-12			D	72019	116.80		1	Z			A
1976-12-16			D	62610	3766.56	NGVD29	1	Z			A
1976-12-16			D	62611	3768.20	NAVD88	1	Z			A
1976-12-16			D	72019	114.80		1	Z			A
1981-03-10			D	62610	3765.71	NGVD29	1	Z			A
1981-03-10			D	62611	3767.35	NAVD88	1	Z			A
1981-03-10			D	72019	115.65		1	Z			A
1986-03-20			D	62610	3766.51	NGVD29	1	Z			A
1986-03-20			D	62611	3768.15	NAVD88	1	Z			A
1986-03-20			D	72019	114.85		1	Z			A
1991-04-18			D	62610	3766.53	NGVD29	1	Z			A
1991-04-18			D	62611	3768.17	NAVD88	1	Z			A
1991-04-18			D	72019	114.83		1	Z			A
1996-02-20			D	62610	3765.61	NGVD29	1	S			A
1996-02-20			D	62611	3767.25	NAVD88	1	S			A
1996-02-20			D	72019	115.75		1	S			A
2015-12-17	22:00 UTC		m	62610	3750.35	NGVD29	P	S	USGS	S	A
2015-12-17	22:00 UTC		m	62611	3751.99	NAVD88	P	S	USGS	S	A
2015-12-17	22:00 UTC		m	72019	131.01		P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for USA: Water Levels
URL: [https://nwis.waterdata.usgs.gov/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nwis/gwlevels?site_no=322851103365201&agency_cd=USGS&format=html)



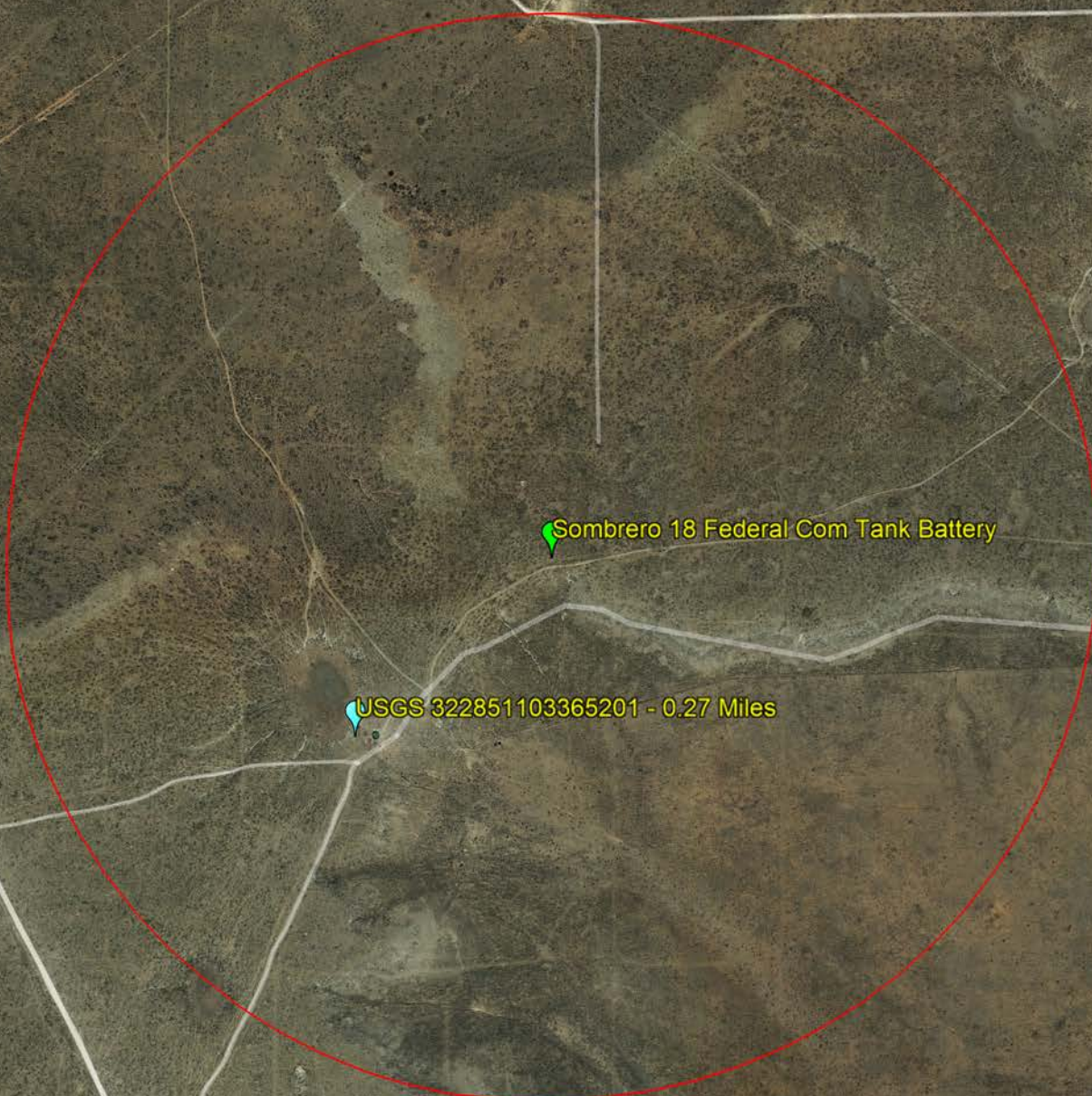
Page Contact Information: [USGS Water Data Support Team](#)
Page Last Modified: 2022-11-07 15:40:37 EST
0.31 0.26 nadww02

Sombrero 18 Federal Com Tank Battery

USGS Well Map

Legend

-  Half Mile Radius
-  Sombrero 18 Federal Com Tank Battery
-  USGS 322851103365201 - 0.27 Miles



Sombrero 18 Fed Com TB

Karst Potential Map

Legend

- High
- Low
- Medium
- Sombrero 18 Fed Com TB

Sombrero 18 Fed Com TB

Well heat



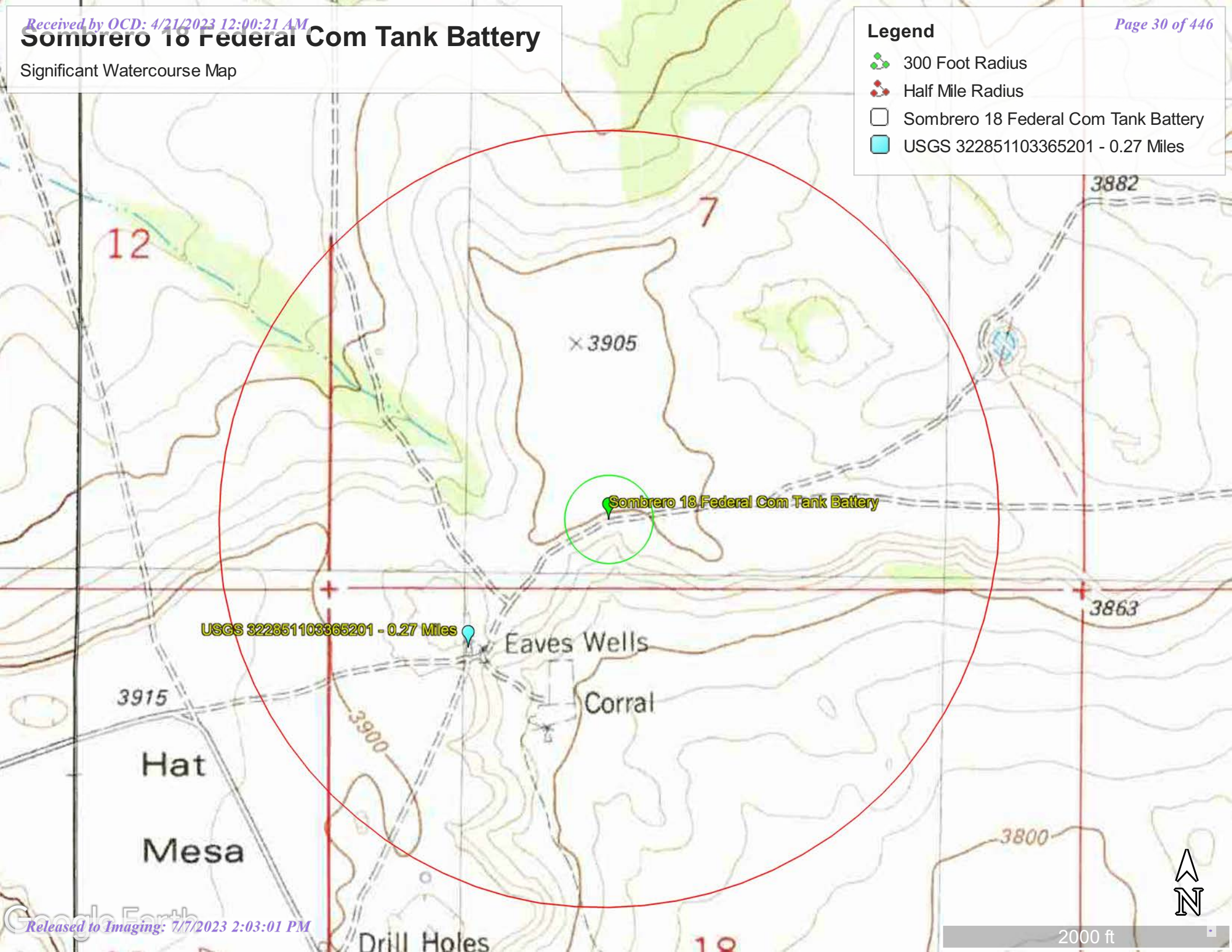
2 mi

Sombrero 18 Federal Com Tank Battery

Significant Watercourse Map

Legend

- 300 Foot Radius
- Half Mile Radius
- Sombrero 18 Federal Com Tank Battery
- USGS 322851103365201 - 0.27 Miles





November 7, 2022

Wetlands

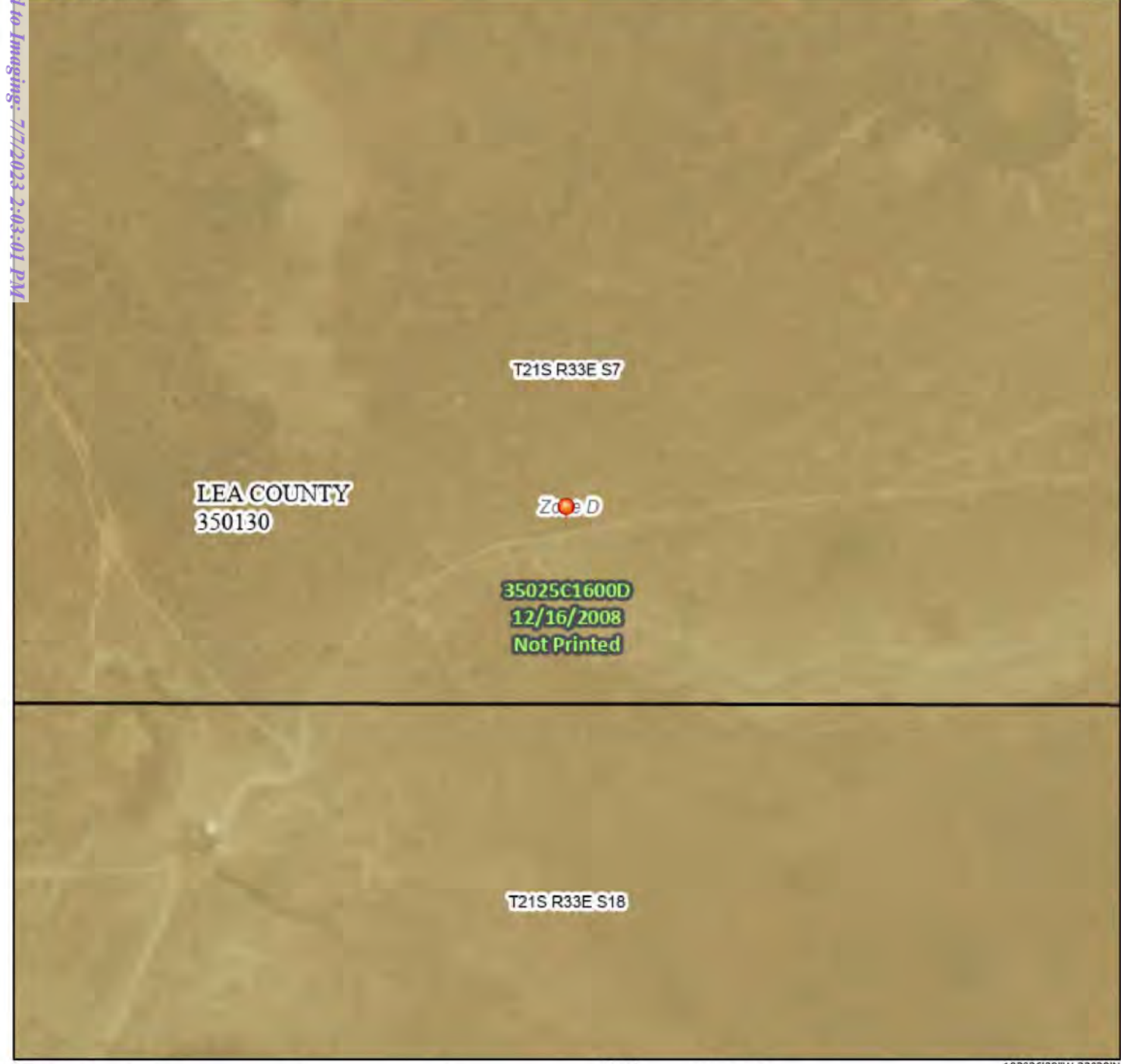
- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond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

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

National Flood Hazard Layer FIRMMette



103°37'6"W 32°29'30"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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, AP
		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
		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 X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/7/2022 at 4:56 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Released to Imaging: 7/7/2023 2:03:01 PM

Received by OCD: 4/2/2023 12:00:21 AM

ATTACHMENT B: CONFIRMATION SAMPLING NOTIFICATIONS



Becky Haskell

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Tuesday, January 24, 2023 9:47 AM
To: Becky Haskell
Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD
Subject: RE: [EXTERNAL] Sombrero 18 Federal Com Tank Battery (nAPP2232138798) Sampling Notification

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

Becky,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Becky Haskell <bhaskell@ntglobal.com>
Sent: Monday, January 23, 2023 4:05 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: NTGE Carlsbad <ntge_carlsbad@ntglobal.com>; cmartin@earthstoneenergy.com; Kevin Hart (khart@earthstoneenergy.com) <khart@earthstoneenergy.com>
Subject: [EXTERNAL] Sombrero 18 Federal Com Tank Battery (nAPP2232138798) Sampling Notification

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

Good Afternoon,

NTGE, on behalf of Earthstone, respectfully submits notification of sampling to be conducted at the below location.

Sombrero 18 Federal Com Tank Battery
N-7-21S-33E
Lea County, NM
nAPP2232138798

Sampling will begin at 9:30 a.m. on Thursday, January 26, 2023, and continue through Friday, January 27, 2023. Please let me know if you have any questions.

Thank You,

Thank You,

Becky Haskell

Senior Project Manager | **NTG Environmental**

M: 432-766-1918 | bhaskell@ntglobal.com

[701 Tradewinds Blvd, Suite C](#)

[Midland, TX 79706](#)



STATEMENT OF CONFIDENTIALITY: The contents of this e-mail and its attachments are intended solely for the addressee(s) hereof. In addition, this e-mail transmission may be confidential. If you are not the named addressee, or if this message has been addressed to you in error, you are directed not to read, disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

Becky Haskell

From: Kenny Han
Sent: Thursday, March 2, 2023 1:43 PM
To: NMOCD (ocd.enviro@state.nm.us)
Cc: NTGE Carlsbad
Subject: 48hr sampling notification

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

SOMBRERO 18 FEDERAL COM TABK BATTERY
N-07-21S-33E
NAPP2232138798

Sampling will begin at 10:00 am Monday March 6th, through Friday March 10th.

Sincerely,
Kenny Han

Get [Outlook for Android](#)

Becky Haskell

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, March 10, 2023 4:27 PM
To: Becky Haskell; Enviro, OCD, EMNRD
Cc: NTGE Carlsbad; Ricardo Baer
Subject: RE: [EXTERNAL] Sombrero 18 Federal Com Tank Battery (nAPP2232138798) Sampling Notification

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

Becky,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Becky Haskell <bhaskell@ntglobal.com>
Sent: Friday, March 10, 2023 9:26 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: NTGE Carlsbad <ntge_carlsbad@ntglobal.com>; Ricardo Baer <RBaer@ntglobal.com>
Subject: [EXTERNAL] Sombrero 18 Federal Com Tank Battery (nAPP2232138798) Sampling Notification

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

Good Morning,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

SOMBRERO 18 FEDERAL COM TABK BATTERY
N-07-21S-33E
Lea County, NM
nAPP2232138798

Sampling will begin at 9:45 a.m. on Tuesday, March 14, 2023, and continue through Friday, March 17, 2023. Please let me know if you have any questions.

Thank You,

Becky Haskell

Senior Project Manager | **NTG Environmental**

M: 432-766-1918 | bhaskell@ntglobal.com

[701 Tradewinds Blvd, Suite C](#)

[Midland, TX 79706](#)



Becky Haskell

From: Ricardo Baer
Sent: Wednesday, March 15, 2023 4:51 PM
To: OCD.Enviro@emnrd.nm.gov
Cc: Becky Haskell; NTGE Carlsbad
Subject: Sombrero 18 Federal Com Tank Battery (nAPP2232138798) Sampling Notification

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

SOMBRERO 18 FEDERAL COM TABK BATTERY
N-07-21S-33E
Lea County, NM
nAPP2232138798

Sampling will begin at 8:00 a.m. on Monday, March 20, 2023, and continue through Friday, March 24, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com



Becky Haskell

From: Ricardo Baer
Sent: Wednesday, March 22, 2023 1:18 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Becky Haskell; NTGE Carlsbad
Subject: FW: [EXTERNAL] Sombrero 18 Federal Com Tank Battery (nAPP2232138798) Sampling Notification

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

SOMBRERO 18 FEDERAL COM TABK BATTERY
N-07-21S-33E
Lea County, NM
nAPP2232138798

Sampling will begin at 8:00 a.m. on Monday, March 27, 2023, and continue through Friday, March 31, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com



ATTACHMENT C: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG

Earthstone Operating Sombbrero 18 Federal Com Tank Battery

Photograph No. 1

Facility: Sombbrero 18 Fed
Com TB

County: Lea

Date: 12/13/2022

Description:

View of excavation adjacent to the
flare.



Photograph No. 2

Facility: Sombbrero 18 Fed
Com TB

County: Lea

Date: 12/13/2022

Description:

View of excavation adjacent to the
flare.



PHOTOGRAPHIC LOG

Earthstone Operating Sombbrero 18 Federal Com Tank Battery

Photograph No. 3

Facility: Sombbrero 18 Fed
Com TB

County: Lea

Date: 12/13/2022

Description:

View of excavation adjacent to the
flare.

**Photograph No. 4**

Facility: Sombbrero 18 Fed
Com TB

County: Lea

Date: 11/21/2022

Description:

View of drainage ditch excavation.



PHOTOGRAPHIC LOG

Earthstone Operating Sombbrero 18 Federal Com Tank Battery

Photograph No. 5

Facility: Sombbrero 18 Fed
Com TB

County: Lea

Date: 11/21/2022

Description:

View of drainage ditch excavation.



Photograph No. 6

Facility: Sombbrero 18 Fed
Com TB

County: Lea

Date: 11/21/2022

Description:

View of drainage ditch excavation.



PHOTOGRAPHIC LOG

Earthstone Operating Sombbrero 18 Federal Com Tank Battery

Photograph No. 7

Facility: Sombbrero 18 Fed
Com TB

County: Lea

Date: 11/21/2022

Description:

View of drainage ditch excavation.



ATTACHMENT D: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF- CUSTODY DOCUMENTATION





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gordon Banks
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 12/5/2022 2:13:07 PM

JOB DESCRIPTION

Sombrero 18 Com TB
SDG NUMBER Eddy Co NM

JOB NUMBER

890-3544-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/5/2022 2:13:07 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: NT Global
Project/Site: Sombrero 18 Com TB

Laboratory Job ID: 890-3544-1
SDG: Eddy Co NM

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Definitions/Glossary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Job ID: 890-3544-1

Laboratory: Eurofins Carlsbad

Narrative

**Job Narrative
890-3544-1**

Receipt

The samples were received on 11/22/2022 12:18 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (2) (890-3544-1), S-2 (2) (890-3544-2), S-3 (2) (890-3544-3), S-4 (2) (890-3544-4), S-5 (2) (890-3544-5), S-6 (0-0.5) (890-3544-6), S-7 (0-0.5) (890-3544-7), S-8 (0-0.5) (890-3544-8), S-9 (0-0.5) (890-3544-9), S-10 (0-0.5) (890-3544-10), S-11 (0-0.5) (890-3544-11), S-12 (0-0.5) (890-3544-12), S-13 (0-0.5) (890-3544-13), S-14 (0-0.5) (890-3544-14) and S-15 (0-0.5) (890-3544-15).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (2) (890-3544-1), S-7 (0-0.5) (890-3544-7), S-9 (0-0.5) (890-3544-9), S-13 (0-0.5) (890-3544-13), S-14 (0-0.5) (890-3544-14) and (890-3544-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-40626 and analytical batch 880-40844 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-40514 and analytical batch 880-40408 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-40514/2-A) and (LCSD 880-40514/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-21947-A-1-D). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (2) (890-3544-1), S-2 (2) (890-3544-2), S-3 (2) (890-3544-3), S-4 (2) (890-3544-4), S-5 (2) (890-3544-5), S-6 (0-0.5) (890-3544-6), S-7 (0-0.5) (890-3544-7), S-8 (0-0.5) (890-3544-8) and S-9 (0-0.5) (890-3544-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-10 (0-0.5) (890-3544-10), S-11 (0-0.5) (890-3544-11), S-12 (0-0.5) (890-3544-12), S-13 (0-0.5) (890-3544-13), S-14 (0-0.5) (890-3544-14) and S-15 (0-0.5) (890-3544-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-40514 and analytical batch 880-40408 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-40514 and analytical batch 880-40408 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Case Narrative

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Job ID: 890-3544-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-40388 and analytical batch 880-40546 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-1 (2)

Lab Sample ID: 890-3544-1

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		11/29/22 16:06	12/03/22 12:03	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/29/22 16:06	12/03/22 12:03	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/29/22 16:06	12/03/22 12:03	1
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.00401		mg/Kg		11/29/22 16:06	12/03/22 12:03	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		11/29/22 16:06	12/03/22 12:03	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		11/29/22 16:06	12/03/22 12:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	11/29/22 16:06	12/03/22 12:03	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/29/22 16:06	12/03/22 12:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.5		49.9		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 02:55	1
Diesel Range Organics (Over C10-C28)	54.5		49.9		mg/Kg		11/28/22 16:34	11/29/22 02:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 02:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	11/28/22 16:34	11/29/22 02:55	1
o-Terphenyl	136	S1+	70 - 130	11/28/22 16:34	11/29/22 02:55	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		24.8		mg/Kg			11/29/22 10:28	5

Client Sample ID: S-2 (2)

Lab Sample ID: 890-3544-2

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00284		0.00199		mg/Kg		11/29/22 16:06	12/03/22 12:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 12:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 12:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 12:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 12:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 12:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	11/29/22 16:06	12/03/22 12:24	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-2 (2)

Lab Sample ID: 890-3544-2

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	11/29/22 16:06	12/03/22 12:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 02:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 02:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 02:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130				11/28/22 16:34	11/29/22 02:55	1
o-Terphenyl	169	S1+	70 - 130				11/28/22 16:34	11/29/22 02:55	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	907		4.99		mg/Kg			11/29/22 10:35	1

Client Sample ID: S-3 (2)

Lab Sample ID: 890-3544-3

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 12:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 12:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 12:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/29/22 16:06	12/03/22 12:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 12:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/29/22 16:06	12/03/22 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	11/29/22 16:06	12/03/22 12:44	1
1,4-Difluorobenzene (Surr)	110		70 - 130	11/29/22 16:06	12/03/22 12:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/22 12:08	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-3 (2)

Lab Sample ID: 890-3544-3

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130				11/28/22 16:34	11/29/22 03:16	1
o-Terphenyl	155	S1+	70 - 130				11/28/22 16:34	11/29/22 03:16	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	860	F1	4.95		mg/Kg			11/29/22 10:42	1

Client Sample ID: S-4 (2)

Lab Sample ID: 890-3544-4

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 13:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 13:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 13:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/29/22 16:06	12/03/22 13:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 13:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/29/22 16:06	12/03/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				11/29/22 16:06	12/03/22 13:05	1
1,4-Difluorobenzene (Surr)	108		70 - 130				11/29/22 16:06	12/03/22 13:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				11/28/22 16:34	11/29/22 03:16	1
o-Terphenyl	140	S1+	70 - 130				11/28/22 16:34	11/29/22 03:16	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-4 (2)

Lab Sample ID: 890-3544-4

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 2

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		4.97		mg/Kg			11/29/22 11:02	1

Client Sample ID: S-5 (2)

Lab Sample ID: 890-3544-5

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 13:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 13:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 13:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 13:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 13:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				11/29/22 16:06	12/03/22 13:25	1
1,4-Difluorobenzene (Surr)	109		70 - 130				11/29/22 16:06	12/03/22 13:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	387		50.0		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:38	1
Diesel Range Organics (Over C10-C28)	387		50.0		mg/Kg		11/28/22 16:34	11/29/22 03:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	164	S1+	70 - 130				11/28/22 16:34	11/29/22 03:38	1
o-Terphenyl	160	S1+	70 - 130				11/28/22 16:34	11/29/22 03:38	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	225		5.00		mg/Kg			11/29/22 11:08	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-6 (0-0.5)

Lab Sample ID: 890-3544-6

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 13:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 13:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 13:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 13:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 13:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	11/29/22 16:06	12/03/22 13:46	1
1,4-Difluorobenzene (Surr)	108		70 - 130	11/29/22 16:06	12/03/22 13:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	408		49.9		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 03:38	1
Diesel Range Organics (Over C10-C28)	408		49.9		mg/Kg		11/28/22 16:34	11/29/22 03:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130	11/28/22 16:34	11/29/22 03:38	1
o-Terphenyl	159	S1+	70 - 130	11/28/22 16:34	11/29/22 03:38	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205		4.99		mg/Kg			11/29/22 11:28	1

Client Sample ID: S-7 (0-0.5)

Lab Sample ID: 890-3544-7

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 14:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 14:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 14:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/29/22 16:06	12/03/22 14:06	1
o-Xylene	0.00306		0.00201		mg/Kg		11/29/22 16:06	12/03/22 14:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/29/22 16:06	12/03/22 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130	11/29/22 16:06	12/03/22 14:06	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-7 (0-0.5)

Lab Sample ID: 890-3544-7

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	11/29/22 16:06	12/03/22 14:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5250		50.0		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	278		50.0		mg/Kg		11/28/22 16:34	11/29/22 03:59	1
Diesel Range Organics (Over C10-C28)	4970		50.0		mg/Kg		11/28/22 16:34	11/29/22 03:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	182	S1+	70 - 130				11/28/22 16:34	11/29/22 03:59	1
o-Terphenyl	92		70 - 130				11/28/22 16:34	11/29/22 03:59	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	870		4.97		mg/Kg			11/29/22 11:35	1

Client Sample ID: S-8 (0-0.5)

Lab Sample ID: 890-3544-8

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 14:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 14:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 14:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/29/22 16:06	12/03/22 14:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 14:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/29/22 16:06	12/03/22 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	11/29/22 16:06	12/03/22 14:27	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/29/22 16:06	12/03/22 14:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2340		49.9		mg/Kg			11/29/22 12:08	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-8 (0-0.5)

Lab Sample ID: 890-3544-8

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 03:59	1
Diesel Range Organics (Over C10-C28)	2340		49.9		mg/Kg		11/28/22 16:34	11/29/22 03:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130				11/28/22 16:34	11/29/22 03:59	1
o-Terphenyl	153	S1+	70 - 130				11/28/22 16:34	11/29/22 03:59	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	693		5.00		mg/Kg			11/29/22 11:42	1

Client Sample ID: S-9 (0-0.5)

Lab Sample ID: 890-3544-9

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 14:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 14:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 14:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/29/22 16:06	12/03/22 14:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 14:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/29/22 16:06	12/03/22 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130				11/29/22 16:06	12/03/22 14:47	1
1,4-Difluorobenzene (Surr)	110		70 - 130				11/29/22 16:06	12/03/22 14:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	598		49.9		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 04:21	1
Diesel Range Organics (Over C10-C28)	598		49.9		mg/Kg		11/28/22 16:34	11/29/22 04:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				11/28/22 16:34	11/29/22 04:21	1
o-Terphenyl	139	S1+	70 - 130				11/28/22 16:34	11/29/22 04:21	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-9 (0-0.5)

Lab Sample ID: 890-3544-9

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.2		5.04		mg/Kg			11/29/22 11:48	1

Client Sample ID: S-10 (0-0.5)

Lab Sample ID: 890-3544-10

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 15:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 15:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 15:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 15:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 15:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				11/29/22 16:06	12/03/22 15:08	1
1,4-Difluorobenzene (Surr)	111		70 - 130				11/29/22 16:06	12/03/22 15:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 04:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 04:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	165	S1+	70 - 130				11/28/22 16:34	11/29/22 04:42	1
o-Terphenyl	146	S1+	70 - 130				11/28/22 16:34	11/29/22 04:42	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.9		4.98		mg/Kg			11/29/22 11:55	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-11 (0-0.5)

Lab Sample ID: 890-3544-11

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 16:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 16:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 16:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/29/22 16:06	12/03/22 16:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 16:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/29/22 16:06	12/03/22 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	11/29/22 16:06	12/03/22 16:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/29/22 16:06	12/03/22 16:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1850		49.9		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 04:42	1
Diesel Range Organics (Over C10-C28)	1850		49.9		mg/Kg		11/28/22 16:34	11/29/22 04:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 04:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	11/28/22 16:34	11/29/22 04:42	1
o-Terphenyl	134	S1+	70 - 130	11/28/22 16:34	11/29/22 04:42	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		5.00		mg/Kg			11/29/22 12:02	1

Client Sample ID: S-12 (0-0.5)

Lab Sample ID: 890-3544-12

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 17:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 17:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 17:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 17:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 17:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	11/29/22 16:06	12/03/22 17:18	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-12 (0-0.5)

Lab Sample ID: 890-3544-12

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	112		70 - 130	11/29/22 16:06	12/03/22 17:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	568		50.0		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 05:04	1
Diesel Range Organics (Over C10-C28)	568		50.0		mg/Kg		11/28/22 16:34	11/29/22 05:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				11/28/22 16:34	11/29/22 05:04	1
o-Terphenyl	132	S1+	70 - 130				11/28/22 16:34	11/29/22 05:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		4.95		mg/Kg			11/29/22 12:08	1

Client Sample ID: S-13 (0-0.5)

Lab Sample ID: 890-3544-13

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 17:38	1
Toluene	0.00233		0.00199		mg/Kg		11/29/22 16:06	12/03/22 17:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 17:38	1
m-Xylene & p-Xylene	0.00660		0.00398		mg/Kg		11/29/22 16:06	12/03/22 17:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 17:38	1
Xylenes, Total	0.00660		0.00398		mg/Kg		11/29/22 16:06	12/03/22 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	49	S1-	70 - 130	11/29/22 16:06	12/03/22 17:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/29/22 16:06	12/03/22 17:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00893		0.00398		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	562		50.0		mg/Kg			11/29/22 12:08	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-13 (0-0.5)

Lab Sample ID: 890-3544-13

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 05:04	1
Diesel Range Organics (Over C10-C28)	562		50.0		mg/Kg		11/28/22 16:34	11/29/22 05:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				11/28/22 16:34	11/29/22 05:04	1
o-Terphenyl	132	S1+	70 - 130				11/28/22 16:34	11/29/22 05:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.3		5.04		mg/Kg			11/29/22 13:02	1

Client Sample ID: S-14 (0-0.5)

Lab Sample ID: 890-3544-14

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 17:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 17:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 17:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/29/22 16:06	12/03/22 17:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/29/22 16:06	12/03/22 17:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/29/22 16:06	12/03/22 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130				11/29/22 16:06	12/03/22 17:59	1
1,4-Difluorobenzene (Surr)	105		70 - 130				11/29/22 16:06	12/03/22 17:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 05:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 05:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/28/22 16:34	11/29/22 05:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	166	S1+	70 - 130				11/28/22 16:34	11/29/22 05:25	1
o-Terphenyl	140	S1+	70 - 130				11/28/22 16:34	11/29/22 05:25	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-14 (0-0.5)

Lab Sample ID: 890-3544-14

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		4.95		mg/Kg			11/29/22 13:22	1

Client Sample ID: S-15 (0-0.5)

Lab Sample ID: 890-3544-15

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Sample Depth: 0 - 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 18:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 18:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 18:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 18:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/29/22 16:06	12/03/22 18:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/29/22 16:06	12/03/22 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				11/29/22 16:06	12/03/22 18:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130				11/29/22 16:06	12/03/22 18:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/05/22 14:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	95.8		50.0		mg/Kg			11/29/22 12:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 05:25	1
Diesel Range Organics (Over C10-C28)	95.8		50.0		mg/Kg		11/28/22 16:34	11/29/22 05:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 05:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130				11/28/22 16:34	11/29/22 05:25	1
o-Terphenyl	171	S1+	70 - 130				11/28/22 16:34	11/29/22 05:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.6		4.98		mg/Kg			11/29/22 13:28	1

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Surrogate Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-3544-1	S-1 (2)	69 S1-	94
890-3544-1 MS	S-1 (2)	91	101
890-3544-1 MSD	S-1 (2)	61 S1-	99
890-3544-2	S-2 (2)	79	110
890-3544-3	S-3 (2)	89	110
890-3544-4	S-4 (2)	88	108
890-3544-5	S-5 (2)	77	109
890-3544-6	S-6 (0-0.5)	87	108
890-3544-7	S-7 (0-0.5)	60 S1-	91
890-3544-8	S-8 (0-0.5)	87	102
890-3544-9	S-9 (0-0.5)	61 S1-	110
890-3544-10	S-10 (0-0.5)	93	111
890-3544-11	S-11 (0-0.5)	80	97
890-3544-12	S-12 (0-0.5)	77	112
890-3544-13	S-13 (0-0.5)	49 S1-	101
890-3544-14	S-14 (0-0.5)	65 S1-	105
890-3544-15	S-15 (0-0.5)	76	102
LCS 880-40626/1-A	Lab Control Sample	77	96
LCSD 880-40626/2-A	Lab Control Sample Dup	85	107
MB 880-40626/5-A	Method Blank	71	107
MB 880-40872/5-A	Method Blank	69 S1-	106
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-21947-A-1-E MS	Matrix Spike	120	106
880-21947-A-1-F MSD	Matrix Spike Duplicate	100	104
890-3544-1	S-1 (2)	139 S1+	136 S1+
890-3544-2	S-2 (2)	157 S1+	169 S1+
890-3544-3	S-3 (2)	157 S1+	155 S1+
890-3544-4	S-4 (2)	130	140 S1+
890-3544-5	S-5 (2)	164 S1+	160 S1+
890-3544-6	S-6 (0-0.5)	149 S1+	159 S1+
890-3544-7	S-7 (0-0.5)	182 S1+	92
890-3544-8	S-8 (0-0.5)	148 S1+	153 S1+
890-3544-9	S-9 (0-0.5)	145 S1+	139 S1+
890-3544-10	S-10 (0-0.5)	165 S1+	146 S1+
890-3544-11	S-11 (0-0.5)	129	134 S1+
890-3544-12	S-12 (0-0.5)	140 S1+	132 S1+
890-3544-13	S-13 (0-0.5)	136 S1+	132 S1+
890-3544-14	S-14 (0-0.5)	166 S1+	140 S1+
890-3544-15	S-15 (0-0.5)	163 S1+	171 S1+
LCS 880-40514/2-A	Lab Control Sample	135 S1+	139 S1+

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Surrogate Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCSD 880-40514/3-A	Lab Control Sample Dup	190 S1+	187 S1+
MB 880-40514/1-A	Method Blank	136 S1+	150 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-40626/5-A

Matrix: Solid

Analysis Batch: 40844

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 11:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/29/22 16:06	12/03/22 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/29/22 16:06	12/03/22 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/29/22 16:06	12/03/22 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	11/29/22 16:06	12/03/22 11:35	1
1,4-Difluorobenzene (Surr)	107		70 - 130	11/29/22 16:06	12/03/22 11:35	1

Lab Sample ID: LCS 880-40626/1-A

Matrix: Solid

Analysis Batch: 40844

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08713		mg/Kg		87	70 - 130
Toluene	0.100	0.1007		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09601		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1683		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08105		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	77		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-40626/2-A

Matrix: Solid

Analysis Batch: 40844

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40626

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08624		mg/Kg		86	70 - 130	1	35
Toluene	0.100	0.09888		mg/Kg		99	70 - 130	2	35
Ethylbenzene	0.100	0.09159		mg/Kg		92	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1623		mg/Kg		81	70 - 130	4	35
o-Xylene	0.100	0.08012		mg/Kg		80	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-3544-1 MS

Matrix: Solid

Analysis Batch: 40844

Client Sample ID: S-1 (2)

Prep Type: Total/NA

Prep Batch: 40626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.0996	0.05233	F1	mg/Kg		53	70 - 130
Toluene	<0.00200	U F1	0.0996	0.04591	F1	mg/Kg		46	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3544-1 MS

Matrix: Solid

Analysis Batch: 40844

Client Sample ID: S-1 (2)

Prep Type: Total/NA

Prep Batch: 40626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.0996	0.04383	F1	mg/Kg		44	70 - 130
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.008375	F1	mg/Kg		4	70 - 130
o-Xylene	<0.00200	U F1	0.0996	0.05307	F1	mg/Kg		53	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-3544-1 MSD

Matrix: Solid

Analysis Batch: 40844

Client Sample ID: S-1 (2)

Prep Type: Total/NA

Prep Batch: 40626

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.05284	F1	mg/Kg		53	70 - 130	1	35
Toluene	<0.00200	U F1	0.0996	0.03698	F1	mg/Kg		37	70 - 130	22	35
Ethylbenzene	<0.00200	U F1	0.0996	0.03533	F1	mg/Kg		35	70 - 130	21	35
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.005413	F2 F1	mg/Kg		3	70 - 130	43	35
o-Xylene	<0.00200	U F1	0.0996	0.04182	F1	mg/Kg		42	70 - 130	24	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-40872/5-A

Matrix: Solid

Analysis Batch: 40844

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/22 10:13	12/02/22 23:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 10:13	12/02/22 23:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 10:13	12/02/22 23:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/22 10:13	12/02/22 23:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 10:13	12/02/22 23:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/22 10:13	12/02/22 23:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	12/02/22 10:13	12/02/22 23:56	1
1,4-Difluorobenzene (Surr)	106		70 - 130	12/02/22 10:13	12/02/22 23:56	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-40514/1-A

Matrix: Solid

Analysis Batch: 40408

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 06:30	1

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-40514/1-A

Matrix: Solid

Analysis Batch: 40408

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 06:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/28/22 16:34	11/29/22 06:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				11/28/22 16:34	11/29/22 06:30	1
o-Terphenyl	150	S1+	70 - 130				11/28/22 16:34	11/29/22 06:30	1

Lab Sample ID: LCS 880-40514/2-A

Matrix: Solid

Analysis Batch: 40408

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1074		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	995.7		mg/Kg		100	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	135	S1+	70 - 130				
o-Terphenyl	139	S1+	70 - 130				

Lab Sample ID: LCSD 880-40514/3-A

Matrix: Solid

Analysis Batch: 40408

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40514

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	903.6		mg/Kg		90	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	1000	990.3		mg/Kg		99	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	190	S1+	70 - 130						
o-Terphenyl	187	S1+	70 - 130						

Lab Sample ID: 880-21947-A-1-E MS

Matrix: Solid

Analysis Batch: 40408

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 40514

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	999	1202		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	1382	F1	mg/Kg		138	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	120		70 - 130						
o-Terphenyl	106		70 - 130						

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-21947-A-1-F MSD

Matrix: Solid

Analysis Batch: 40408

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 40514

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	997	926.9	F2	mg/Kg		90	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	1267		mg/Kg		127	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	104		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-40388/1-A

Matrix: Solid

Analysis Batch: 40546

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/29/22 08:48	1

Lab Sample ID: LCS 880-40388/2-A

Matrix: Solid

Analysis Batch: 40546

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.2		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-40388/3-A

Matrix: Solid

Analysis Batch: 40546

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.3		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-3544-3 MS

Matrix: Solid

Analysis Batch: 40546

Client Sample ID: S-3 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	860	F1	248	1190	F1	mg/Kg		133	90 - 110

Lab Sample ID: 890-3544-3 MSD

Matrix: Solid

Analysis Batch: 40546

Client Sample ID: S-3 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	860	F1	248	1187	F1	mg/Kg		132	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-40389/1-A

Matrix: Solid

Analysis Batch: 40589

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/29/22 12:42	1

Lab Sample ID: LCS 880-40389/2-A

Matrix: Solid

Analysis Batch: 40589

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.1		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-40389/3-A

Matrix: Solid

Analysis Batch: 40589

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.8		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-3544-13 MS

Matrix: Solid

Analysis Batch: 40589

Client Sample ID: S-13 (0-0.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	79.3		252	328.9		mg/Kg		99	90 - 110

Lab Sample ID: 890-3544-13 MSD

Matrix: Solid

Analysis Batch: 40589

Client Sample ID: S-13 (0-0.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	79.3		252	329.5		mg/Kg		99	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

GC VOA

Prep Batch: 40626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-1	S-1 (2)	Total/NA	Solid	5035	
890-3544-2	S-2 (2)	Total/NA	Solid	5035	
890-3544-3	S-3 (2)	Total/NA	Solid	5035	
890-3544-4	S-4 (2)	Total/NA	Solid	5035	
890-3544-5	S-5 (2)	Total/NA	Solid	5035	
890-3544-6	S-6 (0-0.5)	Total/NA	Solid	5035	
890-3544-7	S-7 (0-0.5)	Total/NA	Solid	5035	
890-3544-8	S-8 (0-0.5)	Total/NA	Solid	5035	
890-3544-9	S-9 (0-0.5)	Total/NA	Solid	5035	
890-3544-10	S-10 (0-0.5)	Total/NA	Solid	5035	
890-3544-11	S-11 (0-0.5)	Total/NA	Solid	5035	
890-3544-12	S-12 (0-0.5)	Total/NA	Solid	5035	
890-3544-13	S-13 (0-0.5)	Total/NA	Solid	5035	
890-3544-14	S-14 (0-0.5)	Total/NA	Solid	5035	
890-3544-15	S-15 (0-0.5)	Total/NA	Solid	5035	
MB 880-40626/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-40626/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-40626/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3544-1 MS	S-1 (2)	Total/NA	Solid	5035	
890-3544-1 MSD	S-1 (2)	Total/NA	Solid	5035	

Analysis Batch: 40844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-1	S-1 (2)	Total/NA	Solid	8021B	40626
890-3544-2	S-2 (2)	Total/NA	Solid	8021B	40626
890-3544-3	S-3 (2)	Total/NA	Solid	8021B	40626
890-3544-4	S-4 (2)	Total/NA	Solid	8021B	40626
890-3544-5	S-5 (2)	Total/NA	Solid	8021B	40626
890-3544-6	S-6 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-7	S-7 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-8	S-8 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-9	S-9 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-10	S-10 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-11	S-11 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-12	S-12 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-13	S-13 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-14	S-14 (0-0.5)	Total/NA	Solid	8021B	40626
890-3544-15	S-15 (0-0.5)	Total/NA	Solid	8021B	40626
MB 880-40626/5-A	Method Blank	Total/NA	Solid	8021B	40626
MB 880-40872/5-A	Method Blank	Total/NA	Solid	8021B	40872
LCS 880-40626/1-A	Lab Control Sample	Total/NA	Solid	8021B	40626
LCSD 880-40626/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	40626
890-3544-1 MS	S-1 (2)	Total/NA	Solid	8021B	40626
890-3544-1 MSD	S-1 (2)	Total/NA	Solid	8021B	40626

Prep Batch: 40872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-40872/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

GC VOA

Analysis Batch: 41068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-1	S-1 (2)	Total/NA	Solid	Total BTEX	
890-3544-2	S-2 (2)	Total/NA	Solid	Total BTEX	
890-3544-3	S-3 (2)	Total/NA	Solid	Total BTEX	
890-3544-4	S-4 (2)	Total/NA	Solid	Total BTEX	
890-3544-5	S-5 (2)	Total/NA	Solid	Total BTEX	
890-3544-6	S-6 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-7	S-7 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-8	S-8 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-9	S-9 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-10	S-10 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-11	S-11 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-12	S-12 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-13	S-13 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-14	S-14 (0-0.5)	Total/NA	Solid	Total BTEX	
890-3544-15	S-15 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 40408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-1	S-1 (2)	Total/NA	Solid	8015B NM	40514
890-3544-2	S-2 (2)	Total/NA	Solid	8015B NM	40514
890-3544-3	S-3 (2)	Total/NA	Solid	8015B NM	40514
890-3544-4	S-4 (2)	Total/NA	Solid	8015B NM	40514
890-3544-5	S-5 (2)	Total/NA	Solid	8015B NM	40514
890-3544-6	S-6 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-7	S-7 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-8	S-8 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-9	S-9 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-10	S-10 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-11	S-11 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-12	S-12 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-13	S-13 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-14	S-14 (0-0.5)	Total/NA	Solid	8015B NM	40514
890-3544-15	S-15 (0-0.5)	Total/NA	Solid	8015B NM	40514
MB 880-40514/1-A	Method Blank	Total/NA	Solid	8015B NM	40514
LCS 880-40514/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	40514
LCSD 880-40514/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	40514
880-21947-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	40514
880-21947-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	40514

Prep Batch: 40514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-1	S-1 (2)	Total/NA	Solid	8015NM Prep	
890-3544-2	S-2 (2)	Total/NA	Solid	8015NM Prep	
890-3544-3	S-3 (2)	Total/NA	Solid	8015NM Prep	
890-3544-4	S-4 (2)	Total/NA	Solid	8015NM Prep	
890-3544-5	S-5 (2)	Total/NA	Solid	8015NM Prep	
890-3544-6	S-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3544-7	S-7 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3544-8	S-8 (0-0.5)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 40514 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-9	S-9 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3544-10	S-10 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3544-11	S-11 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3544-12	S-12 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3544-13	S-13 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3544-14	S-14 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-3544-15	S-15 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-40514/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-40514/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-40514/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-21947-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-21947-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 40606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-1	S-1 (2)	Total/NA	Solid	8015 NM	
890-3544-2	S-2 (2)	Total/NA	Solid	8015 NM	
890-3544-3	S-3 (2)	Total/NA	Solid	8015 NM	
890-3544-4	S-4 (2)	Total/NA	Solid	8015 NM	
890-3544-5	S-5 (2)	Total/NA	Solid	8015 NM	
890-3544-6	S-6 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-7	S-7 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-8	S-8 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-9	S-9 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-10	S-10 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-11	S-11 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-12	S-12 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-13	S-13 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-14	S-14 (0-0.5)	Total/NA	Solid	8015 NM	
890-3544-15	S-15 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 40388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-1	S-1 (2)	Soluble	Solid	DI Leach	
890-3544-2	S-2 (2)	Soluble	Solid	DI Leach	
890-3544-3	S-3 (2)	Soluble	Solid	DI Leach	
890-3544-4	S-4 (2)	Soluble	Solid	DI Leach	
890-3544-5	S-5 (2)	Soluble	Solid	DI Leach	
890-3544-6	S-6 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-7	S-7 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-8	S-8 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-9	S-9 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-10	S-10 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-11	S-11 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-12	S-12 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-40388/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-40388/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-40388/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3544-3 MS	S-3 (2)	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

HPLC/IC (Continued)

Leach Batch: 40388 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-3 MSD	S-3 (2)	Soluble	Solid	DI Leach	

Leach Batch: 40389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-13	S-13 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-14	S-14 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-15	S-15 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-40389/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-40389/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-40389/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3544-13 MS	S-13 (0-0.5)	Soluble	Solid	DI Leach	
890-3544-13 MSD	S-13 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 40546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-1	S-1 (2)	Soluble	Solid	300.0	40388
890-3544-2	S-2 (2)	Soluble	Solid	300.0	40388
890-3544-3	S-3 (2)	Soluble	Solid	300.0	40388
890-3544-4	S-4 (2)	Soluble	Solid	300.0	40388
890-3544-5	S-5 (2)	Soluble	Solid	300.0	40388
890-3544-6	S-6 (0-0.5)	Soluble	Solid	300.0	40388
890-3544-7	S-7 (0-0.5)	Soluble	Solid	300.0	40388
890-3544-8	S-8 (0-0.5)	Soluble	Solid	300.0	40388
890-3544-9	S-9 (0-0.5)	Soluble	Solid	300.0	40388
890-3544-10	S-10 (0-0.5)	Soluble	Solid	300.0	40388
890-3544-11	S-11 (0-0.5)	Soluble	Solid	300.0	40388
890-3544-12	S-12 (0-0.5)	Soluble	Solid	300.0	40388
MB 880-40388/1-A	Method Blank	Soluble	Solid	300.0	40388
LCS 880-40388/2-A	Lab Control Sample	Soluble	Solid	300.0	40388
LCSD 880-40388/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	40388
890-3544-3 MS	S-3 (2)	Soluble	Solid	300.0	40388
890-3544-3 MSD	S-3 (2)	Soluble	Solid	300.0	40388

Analysis Batch: 40589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3544-13	S-13 (0-0.5)	Soluble	Solid	300.0	40389
890-3544-14	S-14 (0-0.5)	Soluble	Solid	300.0	40389
890-3544-15	S-15 (0-0.5)	Soluble	Solid	300.0	40389
MB 880-40389/1-A	Method Blank	Soluble	Solid	300.0	40389
LCS 880-40389/2-A	Lab Control Sample	Soluble	Solid	300.0	40389
LCSD 880-40389/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	40389
890-3544-13 MS	S-13 (0-0.5)	Soluble	Solid	300.0	40389
890-3544-13 MSD	S-13 (0-0.5)	Soluble	Solid	300.0	40389

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-1 (2)
Date Collected: 11/22/22 00:00
Date Received: 11/22/22 12:18

Lab Sample ID: 890-3544-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 12:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 02:55	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		5			40546	11/29/22 10:28	CH	EET MID

Client Sample ID: S-2 (2)
Date Collected: 11/22/22 00:00
Date Received: 11/22/22 12:18

Lab Sample ID: 890-3544-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 02:55	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 10:35	CH	EET MID

Client Sample ID: S-3 (2)
Date Collected: 11/22/22 00:00
Date Received: 11/22/22 12:18

Lab Sample ID: 890-3544-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 03:16	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 10:42	CH	EET MID

Client Sample ID: S-4 (2)
Date Collected: 11/22/22 00:00
Date Received: 11/22/22 12:18

Lab Sample ID: 890-3544-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 13:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-4 (2)

Lab Sample ID: 890-3544-4

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 03:16	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 11:02	CH	EET MID

Client Sample ID: S-5 (2)

Lab Sample ID: 890-3544-5

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 13:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 03:38	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 11:08	CH	EET MID

Client Sample ID: S-6 (0-0.5)

Lab Sample ID: 890-3544-6

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 03:38	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 11:28	CH	EET MID

Client Sample ID: S-7 (0-0.5)

Lab Sample ID: 890-3544-7

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 03:59	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-7 (0-0.5)**Lab Sample ID: 890-3544-7****Date Collected: 11/22/22 00:00****Matrix: Solid****Date Received: 11/22/22 12:18**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 11:35	CH	EET MID

Client Sample ID: S-8 (0-0.5)**Lab Sample ID: 890-3544-8****Date Collected: 11/22/22 00:00****Matrix: Solid****Date Received: 11/22/22 12:18**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 03:59	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 11:42	CH	EET MID

Client Sample ID: S-9 (0-0.5)**Lab Sample ID: 890-3544-9****Date Collected: 11/22/22 00:00****Matrix: Solid****Date Received: 11/22/22 12:18**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 14:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 04:21	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 11:48	CH	EET MID

Client Sample ID: S-10 (0-0.5)**Lab Sample ID: 890-3544-10****Date Collected: 11/22/22 00:00****Matrix: Solid****Date Received: 11/22/22 12:18**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 15:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 04:42	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 11:55	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-11 (0-0.5)

Lab Sample ID: 890-3544-11

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 04:42	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 12:02	CH	EET MID

Client Sample ID: S-12 (0-0.5)

Lab Sample ID: 890-3544-12

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 17:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 05:04	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	40388	11/28/22 09:10	CH	EET MID
Soluble	Analysis	300.0		1			40546	11/29/22 12:08	CH	EET MID

Client Sample ID: S-13 (0-0.5)

Lab Sample ID: 890-3544-13

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 17:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 05:04	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	40389	11/28/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			40589	11/29/22 13:02	CH	EET MID

Client Sample ID: S-14 (0-0.5)

Lab Sample ID: 890-3544-14

Date Collected: 11/22/22 00:00

Matrix: Solid

Date Received: 11/22/22 12:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 17:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Client Sample ID: S-14 (0-0.5)
Date Collected: 11/22/22 00:00
Date Received: 11/22/22 12:18

Lab Sample ID: 890-3544-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 05:25	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	40389	11/28/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			40589	11/29/22 13:22	CH	EET MID

Client Sample ID: S-15 (0-0.5)
Date Collected: 11/22/22 00:00
Date Received: 11/22/22 12:18

Lab Sample ID: 890-3544-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	40626	11/29/22 16:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40844	12/03/22 18:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41068	12/05/22 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			40606	11/29/22 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40514	11/28/22 16:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40408	11/29/22 05:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	40389	11/28/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			40589	11/29/22 13:28	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global
Project/Site: Sombrero 18 Com TB

Job ID: 890-3544-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3544-1	S-1 (2)	Solid	11/22/22 00:00	11/22/22 12:18	2
890-3544-2	S-2 (2)	Solid	11/22/22 00:00	11/22/22 12:18	2
890-3544-3	S-3 (2)	Solid	11/22/22 00:00	11/22/22 12:18	2
890-3544-4	S-4 (2)	Solid	11/22/22 00:00	11/22/22 12:18	2
890-3544-5	S-5 (2)	Solid	11/22/22 00:00	11/22/22 12:18	2
890-3544-6	S-6 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-7	S-7 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-8	S-8 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-9	S-9 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-10	S-10 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-11	S-11 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-12	S-12 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-13	S-13 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-14	S-14 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5
890-3544-15	S-15 (0-0.5)	Solid	11/22/22 00:00	11/22/22 12:18	0 - 0.5



Chain of Custody

Work Order No: _____

Page 1 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland TX, 79707	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: _____

Project Name:		Sombbrero 18 Com TB		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:		226530		☒ Routine ☐ Rush		Code														None: NO DI Water: H ₂ O			
Project Location:		Eddy Co. NM		Due Date:																Cool: Cool MeOH: Me			
Sampler's Name:		Kellan Smith		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN			
PO #:																				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:		T/M-009														NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No		Correction Factor:		-0.2														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No		Temperature Reading:		4.2														Zn Acetate+NaOH: Zn			
Total Containers:		15		Corrected Temperature:		4.0														NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
S-1 (2)		11/22/2022		x		comp	1	x	x	x													
S-2 (2)		11/22/2022		x		comp	1	x	x	x													
S-3 (2)		11/22/2022		x		comp	1	x	x	x													
S-4 (2)		11/22/2022		x		comp	1	x	x	x													
S-5 (2)		11/22/2022		x		comp	1	x	x	x													
S-6 (0-0.5)		11/22/2022		x		comp	1	x	x	x													
S-7 (0-0.5)		11/22/2022		x		comp	1	x	x	x													
S-8 (0-0.5)		11/22/2022		x		comp	1	x	x	x													
S-9 (0-0.5)		11/22/2022		x		comp	1	x	x	x													
S-10 (0-0.5)		11/22/2022		x		comp	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>	<i>[Signature]</i>	11-22-22 12:28			
3					
5					

Revised Date 05/12/2020 Rev. 2020.1



Work Order No: _____

Page 2 of 2[illegible]

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		11-22-22	2		
3			4		
5			6		

Client Information (Sub Contract Lab)						Lab PM Kramer Jessica				Carrier Tracking No(s) 				COC No: 890-1040 1																				
Client Contact: Shipping/Receiving						Phone				E-Mail Jessica Kramer@et.eurofinsus.com				State of Origin: New Mexico				Page Page 1 of 2																
Company Eurofins Environment Testing South Centr										Accreditations Required (See note) NELAP - Louisiana, NELAP - Texas										Job #: 890-3544-1														
Address 1211 W Florida Ave,						Due Date Requested 11/30/2022				Analysis Requested										Preservation Codes: A HCL M Hexane B - NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Z other (specify)														
City: Midland						TAT Requested (days):																												
State Zip: TX, 79701																																		
Phone 432-704-5440(Tel)						PO #:																												
Email						WO #:																												
Project Name sombrero 18 com tb						Project # 89000101																												
Site						SSOW#:																												
Sample Identification - Client ID (Lab ID)						Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		300_ORGFN_28D/DL_LEACH Chloride		8015MOD_NMI/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO		8021BI5035FP_Calc BTEX		8015MOD_Calc		Total_BTEX_GCV		Total Number of containers		Special Instructions/Note:				
S-1 (2) (890-3544-1)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
S-2 (2) (890-3544-2)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
S-3 (2) (890-3544-3)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
S-4 (2) (890-3544-4)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
S-5 (2) (890-3544-5)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
S-6 (0-0 5) (890-3544-6)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
S-7 (0-0 5) (890-3544-7)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
S-8 (0-0 5) (890-3544-8)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
S-9 (0-0 5) (890-3544-9)						11/22/22		Mountain				Solid						X	X	X	X	X									1			
Note: Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC																																		
Possible Hazard Identification															Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																			
Unconfirmed															☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																			
Deliverable Requested I, II III IV, Other (specify)										Primary Deliverable Rank 2					Special Instructions/QC Requirements																			
Empty Kit Relinquished by										Date					Time					Method of Shipment:														
Relinquished by Ace										Date/Time:					Company					Received by [Signature]					Date/Time: 11/23/1134					Company				
Relinquished by										Date/Time:					Company					Received by					Date/Time:					Company				
Relinquished by										Date/Time:					Company					Received by					Date/Time:					Company				
Custody Seals Intact:										Custody Seal No										Cooler Temperature(s) °C and Other Remarks														
△ Yes △ No																																		

Eurofins Carlsbad

1089 N Canal St.

Carlsbad NM 88220

Phone 575-988-3199 Fax. 575-988-3199

Chain of Custody Record



Environment Testing

12/5/2022

Client Information (Sub Contract Lab)		Sampler		Lab PM		Carrier Tracking No(s).		COC No																					
Client Contact:		Phone		E-Mail		State of Origin		Page:																					
Shipping/Receiving				Jessica Kramer@et.eurofinsus.com		New Mexico		Page 2 of 2																					
Company:				Accreditations Required (See note)				Job #:																					
Eurofins Environment Testing South Centr				NELAP - Louisiana, NELAP - Texas				890-3544-1																					
Address		Due Date Requested		Analysis Requested						Preservation Codes.																			
1211 W Florida Ave,		11/30/2022																											
City:		TAT Requested (days)																											
Midland																													
State Zip.																													
TX, 79701																													
Phone		PO #:																											
432-704-5440(Tel)																													
Email		WO #																											
Project Name:		Project #																											
sombreiro 18 com tb		89000101																											
Site		SSOW#:																											
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		300_ORGFM_28D/DI_LEACH Chloride		8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO		8021B/6035FP_Calc BTEX		8015MOD_Calc		Total_BTEX_GCV		Total Number of containers		Special Instructions/Note:			
S-10 (0-0 5) (890-3544-10)		11/22/22		Mountain				Solid						X		X		X		X		X							
S-11 (0-0 5) (890-3544-11)		11/22/22		Mountain				Solid						X		X		X		X		X							
S-12 (0-0 5) (890-3544-12)		11/22/22		Mountain				Solid						X		X		X		X		X							
S-13 (0-0 5) (890-3544-13)		11/22/22		Mountain				Solid						X		X		X		X		X							
S-14 (0-0 5) (890-3544-14)		11/22/22		Mountain				Solid						X		X		X		X		X							
S-15 (0-0 5) (890-3544-15)		11/22/22		Mountain				Solid						X		X		X		X		X							

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3544-1

SDG Number: Eddy Co NM

Login Number: 3544

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3544-1

SDG Number: Eddy Co NM

Login Number: 3544

List Number: 2

Creator: Kramer, Jessica

List Source: Eurofins Midland

List Creation: 11/23/22 11:54 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



ANALYTICAL REPORT

February 13, 2023

Revised Report

Earthstone Operating, LLC - Midland, TX

Sample Delivery Group: L1580309
Samples Received: 01/28/2023
Project Number: 226530
Description: Sombrero 18 Federal Com TB
Site: LEA COUNTY, NM
Report To: Chris Martin
600 N. Marienfeld
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¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Entire Report Reviewed By:

Jennifer Gambill
Project Manager

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Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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Gl: Glossary of Terms

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Sc: Sample Chain of Custody

115

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

CS-1 L1580309-01 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996722	1	01/31/23 07:43	01/31/23 07:51	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 05:33	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 18:39	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 17:56	KAP	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

CS-2 L1580309-02 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 05:49	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 19:01	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 18:09	KAP	Mt. Juliet, TN

CS-3 L1580309-03 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 06:05	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 19:24	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 18:22	KAP	Mt. Juliet, TN

CS-4 L1580309-04 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 06:21	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 19:46	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 18:35	KAP	Mt. Juliet, TN

CS-5 L1580309-05 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 06:37	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 20:09	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 18:48	KAP	Mt. Juliet, TN

CS-6 L1580309-06 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 06:53	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 20:32	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 19:01	KAP	Mt. Juliet, TN

CS-7 L1580309-07 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 07:09	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 21:43	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 19:14	KAP	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

CS-8 L1580309-08 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 07:25	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 22:05	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 19:27	KAP	Mt. Juliet, TN

CS-9 L1580309-09 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 09:01	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 22:28	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 20:06	KAP	Mt. Juliet, TN

CS-10 L1580309-10 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 09:17	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 23:05	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 20:19	KAP	Mt. Juliet, TN

CS-11 L1580309-11 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996723	1	01/31/23 07:35	01/31/23 07:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 09:33	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 23:28	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 20:32	KAP	Mt. Juliet, TN

CS-12 L1580309-12 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1.02	01/31/23 01:30	01/31/23 09:49	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	01/31/23 23:51	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 20:45	KAP	Mt. Juliet, TN

CS-13 L1580309-13 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 10:05	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	02/01/23 01:21	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 20:58	KAP	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

CS-14 L1580309-14 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 10:21	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	02/01/23 01:43	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 21:10	KAP	Mt. Juliet, TN

CS-15 L1580309-15 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 10:37	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997206	1	01/28/23 20:02	02/01/23 02:06	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 21:23	KAP	Mt. Juliet, TN

CS-16 L1580309-16 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 11:24	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1998415	1	01/28/23 20:02	02/03/23 10:51	BAM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 21:37	KAP	Mt. Juliet, TN

CS-17 L1580309-17 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 11:40	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1998415	1	01/28/23 20:02	02/03/23 11:13	BAM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 21:49	KAP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	5	02/01/23 06:28	02/02/23 12:13	KAP	Mt. Juliet, TN

CS-18 L1580309-18 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 11:56	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1998415	1	01/28/23 20:02	02/03/23 14:30	BAM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997279	1	02/01/23 06:28	02/01/23 22:03	KAP	Mt. Juliet, TN

CS-19 L1580309-19 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 12:28	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1998415	1	01/28/23 20:02	02/03/23 14:52	BAM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 16:13	KAP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 17:28	KAP	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

CS-20 L1580309-20 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997199	1	01/31/23 01:30	01/31/23 12:44	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1998415	1	01/28/23 20:02	02/03/23 15:13	BAM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 17:14	KAP	Mt. Juliet, TN

5Sr

6Qc

7Gl

8Al

CS-21 L1580309-21 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996724	1	01/31/23 07:26	01/31/23 07:32	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 19:21	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/28/23 20:02	01/31/23 18:36	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 17:42	KAP	Mt. Juliet, TN

9Sc

CS-22 L1580309-22 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 19:30	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/28/23 20:02	01/31/23 18:59	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 17:56	KAP	Mt. Juliet, TN

CS-23 L1580309-23 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 19:40	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/28/23 20:02	01/31/23 19:22	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 18:38	KAP	Mt. Juliet, TN

CS-24 L1580309-24 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 19:49	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/28/23 20:02	01/31/23 19:46	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 18:52	KAP	Mt. Juliet, TN

SW-1 L1580309-25 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 19:59	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 20:09	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 19:06	KAP	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

SW-2 L1580309-26 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1.01	02/01/23 15:50	02/01/23 20:08	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 20:33	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 19:20	KAP	Mt. Juliet, TN

SW-3 L1580309-27 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 20:18	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 20:56	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 19:34	KAP	Mt. Juliet, TN

SW-4 L1580309-28 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 20:46	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 21:19	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 19:48	KAP	Mt. Juliet, TN

SW-5 L1580309-29 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 21:25	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 21:42	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 20:02	KAP	Mt. Juliet, TN

SW-6 L1580309-30 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1996726	1	01/31/23 07:07	01/31/23 07:13	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1.01	02/01/23 15:50	02/01/23 21:34	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 22:29	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 20:16	KAP	Mt. Juliet, TN

SW-7 L1580309-31 Solid

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 21:44	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 22:53	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 20:30	KAP	Mt. Juliet, TN

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

SW-8 L1580309-32 Solid

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 21:53	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 23:16	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 20:44	KAP	Mt. Juliet, TN

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

SW-9 L1580309-33 Solid

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 22:03	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	01/31/23 23:39	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 20:58	KAP	Mt. Juliet, TN

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

SW-10 L1580309-34 Solid

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 22:13	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	02/01/23 01:20	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 21:12	KAP	Mt. Juliet, TN

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

SW-11 L1580309-35 Solid

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 22:41	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997212	1	01/30/23 09:10	02/01/23 01:43	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 21:26	KAP	Mt. Juliet, TN

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

SW-12 L1580309-36 Solid

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 22:51	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/01/23 19:57	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 21:40	KAP	Mt. Juliet, TN

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

SW-13 L1580309-37 Solid

				Collected by	Collected date/time	Received date/time
				Ethan Sessums	01/26/23 00:00	01/28/23 08:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1.01	02/01/23 15:50	02/01/23 23:00	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/01/23 20:19	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 21:54	KAP	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

SW-14 L1580309-38 Solid

				Collected by	Collected date/time	Received date/time
				Ethan Sessums	01/26/23 00:00	01/28/23 08:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1.03	02/01/23 15:50	02/01/23 23:10	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/01/23 20:42	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997280	1	02/01/23 06:35	02/01/23 22:08	KAP	Mt. Juliet, TN

SW-15 L1580309-39 Solid

				Collected by	Collected date/time	Received date/time
				Ethan Sessums	01/26/23 00:00	01/28/23 08:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 23:29	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG2000534	1	01/30/23 09:10	02/05/23 23:42	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 11:00	JAS	Mt. Juliet, TN

SW-16 L1580309-40 Solid

				Collected by	Collected date/time	Received date/time
				Ethan Sessums	01/26/23 00:00	01/28/23 08:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997176	1	01/31/23 10:10	01/31/23 10:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997655	1	02/01/23 15:50	02/01/23 23:41	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/01/23 21:28	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 11:13	JAS	Mt. Juliet, TN

SW-17 L1580309-41 Solid

				Collected by	Collected date/time	Received date/time
				Ethan Sessums	01/26/23 00:00	01/28/23 08:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997252	1	02/01/23 10:58	02/01/23 11:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1.03	02/10/23 21:05	02/10/23 23:07	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG2000534	1	01/30/23 09:10	02/06/23 00:05	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 11:26	JAS	Mt. Juliet, TN

SW-18 L1580309-42 Solid

				Collected by	Collected date/time	Received date/time
				Ethan Sessums	01/26/23 00:00	01/28/23 08:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997252	1	02/01/23 10:58	02/01/23 11:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/10/23 23:16	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/01/23 22:46	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 15:19	JAS	Mt. Juliet, TN

SW-19 L1580309-43 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997252	1	02/01/23 10:58	02/01/23 11:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/10/23 23:25	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/01/23 23:08	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 11:39	JAS	Mt. Juliet, TN

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

SW-20 L1580309-44 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997252	1	02/01/23 10:58	02/01/23 11:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 00:04	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/01/23 23:31	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 11:52	JAS	Mt. Juliet, TN

SW-21 L1580309-45 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997252	1	02/01/23 10:58	02/01/23 11:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 00:32	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/01/23 23:59	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 12:05	JAS	Mt. Juliet, TN

SW-22 L1580309-46 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997252	1	02/01/23 10:58	02/01/23 11:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1.01	02/10/23 21:05	02/11/23 00:42	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/02/23 00:21	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 12:18	JAS	Mt. Juliet, TN

SW-23 L1580309-47 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997252	1	02/01/23 10:58	02/01/23 11:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 00:51	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/02/23 00:42	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 12:31	JAS	Mt. Juliet, TN

SW-24 L1580309-48 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 01:01	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/02/23 01:04	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 12:44	JAS	Mt. Juliet, TN

SW-25 L1580309-49 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 01:11	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/02/23 01:27	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 12:57	JAS	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

SW-26 L1580309-50 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 01:20	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 09:10	02/02/23 01:50	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 15:07	JAS	Mt. Juliet, TN

SW-27 L1580309-51 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 01:30	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 14:26	02/02/23 12:04	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 13:10	JAS	Mt. Juliet, TN

SW-28 L1580309-52 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 01:39	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 14:26	02/02/23 12:27	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 14:54	JAS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	5	02/01/23 06:30	02/01/23 18:04	KAP	Mt. Juliet, TN

SW-29 L1580309-53 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1.01	02/10/23 21:05	02/11/23 01:49	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 14:26	02/02/23 12:50	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 13:23	JAS	Mt. Juliet, TN

SW-30 L1580309-54 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 02:27	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 14:26	02/02/23 13:13	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 14:28	JAS	Mt. Juliet, TN

SW-31 L1580309-55 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 02:37	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997771	1	01/30/23 14:26	02/02/23 13:36	NCC	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 13:49	JAS	Mt. Juliet, TN

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

SW-32 L1580309-56 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 02:46	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 02:08	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 14:15	JAS	Mt. Juliet, TN

SW-33 L1580309-57 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997253	1	02/01/23 10:29	02/01/23 10:56	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1.01	02/10/23 21:05	02/11/23 02:56	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 02:31	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 14:41	JAS	Mt. Juliet, TN

SW-34 L1580309-58 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997557	1	01/31/23 15:34	01/31/23 15:41	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1.02	02/10/23 21:05	02/11/23 03:05	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 02:53	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997281	1	02/01/23 06:30	02/01/23 14:02	JAS	Mt. Juliet, TN

SW-35 L1580309-59 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1.02	02/10/23 21:05	02/11/23 03:15	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 03:16	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997282	1	02/01/23 06:45	02/02/23 10:49	JAS	Mt. Juliet, TN

SW-36 L1580309-60 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2004241	1	02/10/23 21:05	02/11/23 03:24	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 03:38	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997282	1	02/01/23 06:45	02/01/23 17:52	JAS	Mt. Juliet, TN

SW-37 L1580309-61 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1.04	02/01/23 23:00	02/02/23 00:29	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 04:01	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 00:04	KAP	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

SW-38 L1580309-62 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1	02/01/23 23:00	02/02/23 00:38	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 04:24	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	10	01/31/23 19:52	02/01/23 02:23	KAP	Mt. Juliet, TN

SW-39 L1580309-63 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1.01	02/01/23 23:00	02/02/23 00:48	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 04:46	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 02:10	KAP	Mt. Juliet, TN

SW-40 L1580309-64 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1	02/01/23 23:00	02/02/23 00:57	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 06:14	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 00:30	KAP	Mt. Juliet, TN

SW-41 L1580309-65 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1.01	02/01/23 23:00	02/02/23 01:07	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 06:36	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 00:42	KAP	Mt. Juliet, TN

SW-42 L1580309-66 Solid

Collected by
Ethan Sessums

Collected date/time
01/26/23 00:00

Received date/time
01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1	02/01/23 23:00	02/02/23 01:16	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 06:59	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 01:58	KAP	Mt. Juliet, TN

SAMPLE SUMMARY

SW-43 L1580309-67 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1.03	02/01/23 23:00	02/02/23 01:26	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 07:21	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 00:55	KAP	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

SW-44 L1580309-68 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997564	1	02/01/23 13:04	02/01/23 13:18	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1	02/01/23 23:00	02/02/23 01:35	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 07:44	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 01:20	KAP	Mt. Juliet, TN

SW-45 L1580309-69 Solid

Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997565	1	02/01/23 11:37	02/01/23 11:51	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1.01	02/01/23 23:00	02/02/23 02:33	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 08:06	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 01:33	KAP	Mt. Juliet, TN

SW-46 L1580309-70 Solid

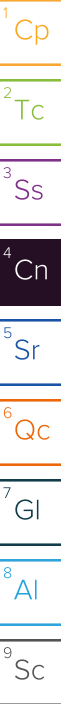
Collected by Ethan Sessums
Collected date/time 01/26/23 00:00
Received date/time 01/28/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1997565	1	02/01/23 11:37	02/01/23 11:51	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1997677	1.05	02/01/23 23:00	02/02/23 02:42	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1997772	1	01/30/23 14:26	02/03/23 08:29	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1997636	1	01/31/23 19:52	02/01/23 01:07	KAP	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jennifer Gambill
Project Manager



Report Revision History

Level II Report - Version 1: 02/07/23 13:02

Project Narrative

The following report has been revised to report Chloride by method 300.

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.7		1	01/31/2023 07:51	WG1996722

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		22.6	1	01/31/2023 05:33	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000883		0.000564	1	01/31/2023 18:39	WG1997206
Toluene	ND		0.00564	1	01/31/2023 18:39	WG1997206
Ethylbenzene	ND		0.000564	1	01/31/2023 18:39	WG1997206
Total Xylene	ND		0.00169	1	01/31/2023 18:39	WG1997206
TPH (GC/FID) Low Fraction	ND		0.113	1	01/31/2023 18:39	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	103		77.0-120		01/31/2023 18:39	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 18:39	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	34.4		4.51	1	02/01/2023 17:56	WG1997279
C28-C36 Motor Oil Range	39.9		4.51	1	02/01/2023 17:56	WG1997279
(S) o-Terphenyl	65.3		18.0-148		02/01/2023 17:56	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.8		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		23.6	1	01/31/2023 05:49	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000589	1	01/31/2023 19:01	WG1997206
Toluene	ND		0.00589	1	01/31/2023 19:01	WG1997206
Ethylbenzene	ND		0.000589	1	01/31/2023 19:01	WG1997206
Total Xylene	ND		0.00177	1	01/31/2023 19:01	WG1997206
TPH (GC/FID) Low Fraction	ND		0.118	1	01/31/2023 19:01	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 19:01	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 19:01	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	6.25		4.71	1	02/01/2023 18:09	WG1997279
C28-C36 Motor Oil Range	6.44		4.71	1	02/01/2023 18:09	WG1997279
(S) o-Terphenyl	58.8		18.0-148		02/01/2023 18:09	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	83.3		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		24.0	1	01/31/2023 06:05	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00145		0.000601	1	01/31/2023 19:24	WG1997206
Toluene	ND		0.00601	1	01/31/2023 19:24	WG1997206
Ethylbenzene	ND		0.000601	1	01/31/2023 19:24	WG1997206
Total Xylene	ND		0.00180	1	01/31/2023 19:24	WG1997206
TPH (GC/FID) Low Fraction	ND		0.120	1	01/31/2023 19:24	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 19:24	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 19:24	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.80	1	02/01/2023 18:22	WG1997279
C28-C36 Motor Oil Range	ND		4.80	1	02/01/2023 18:22	WG1997279
(S) o-Terphenyl	60.3		18.0-148		02/01/2023 18:22	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.2		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	45.5		22.7	1	01/31/2023 06:21	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000567	1	01/31/2023 19:46	WG1997206
Toluene	ND		0.00567	1	01/31/2023 19:46	WG1997206
Ethylbenzene	ND		0.000567	1	01/31/2023 19:46	WG1997206
Total Xylene	ND		0.00170	1	01/31/2023 19:46	WG1997206
TPH (GC/FID) Low Fraction	ND		0.113	1	01/31/2023 19:46	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	105		77.0-120		01/31/2023 19:46	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 19:46	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.54	1	02/01/2023 18:35	WG1997279
C28-C36 Motor Oil Range	4.58		4.54	1	02/01/2023 18:35	WG1997279
(S) o-Terphenyl	70.6		18.0-148		02/01/2023 18:35	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.7		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	ND		21.8	1	01/31/2023 06:37	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	0.000827		0.000545	1	01/31/2023 20:09	WG1997206
Toluene	ND		0.00545	1	01/31/2023 20:09	WG1997206
Ethylbenzene	ND		0.000545	1	01/31/2023 20:09	WG1997206
Total Xylene	ND		0.00164	1	01/31/2023 20:09	WG1997206
TPH (GC/FID) Low Fraction	ND		0.109	1	01/31/2023 20:09	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 20:09	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 20:09	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	9.19		4.36	1	02/01/2023 18:48	WG1997279
C28-C36 Motor Oil Range	8.40		4.36	1	02/01/2023 18:48	WG1997279
(S) o-Terphenyl	70.4		18.0-148		02/01/2023 18:48	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.2		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	197		24.6	1	01/31/2023 06:53	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000616	1	01/31/2023 20:32	WG1997206
Toluene	ND		0.00616	1	01/31/2023 20:32	WG1997206
Ethylbenzene	ND		0.000616	1	01/31/2023 20:32	WG1997206
Total Xylene	ND		0.00185	1	01/31/2023 20:32	WG1997206
TPH (GC/FID) Low Fraction	ND		0.123	1	01/31/2023 20:32	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 20:32	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 20:32	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	16.1		4.93	1	02/01/2023 19:01	WG1997279
C28-C36 Motor Oil Range	15.2		4.93	1	02/01/2023 19:01	WG1997279
(S) o-Terphenyl	64.0		18.0-148		02/01/2023 19:01	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.5		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	30.6		22.9	1	01/31/2023 07:09	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.00160		0.000572	1	01/31/2023 21:43	WG1997206
Toluene	ND		0.00572	1	01/31/2023 21:43	WG1997206
Ethylbenzene	ND		0.000572	1	01/31/2023 21:43	WG1997206
Total Xylene	ND		0.00171	1	01/31/2023 21:43	WG1997206
TPH (GC/FID) Low Fraction	ND		0.114	1	01/31/2023 21:43	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 21:43	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 21:43	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	25.7		4.57	1	02/01/2023 19:14	WG1997279
C28-C36 Motor Oil Range	20.8		4.57	1	02/01/2023 19:14	WG1997279
(S) o-Terphenyl	75.1		18.0-148		02/01/2023 19:14	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.7		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		24.8	1	01/31/2023 07:25	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000620	1	01/31/2023 22:05	WG1997206
Toluene	ND		0.00620	1	01/31/2023 22:05	WG1997206
Ethylbenzene	ND		0.000620	1	01/31/2023 22:05	WG1997206
Total Xylene	ND		0.00186	1	01/31/2023 22:05	WG1997206
TPH (GC/FID) Low Fraction	ND		0.124	1	01/31/2023 22:05	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 22:05	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 22:05	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.96	1	02/01/2023 19:27	WG1997279
C28-C36 Motor Oil Range	ND		4.96	1	02/01/2023 19:27	WG1997279
(S) o-Terphenyl	55.3		18.0-148		02/01/2023 19:27	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.2		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		22.7	1	01/31/2023 09:01	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000567	1	01/31/2023 22:28	WG1997206
Toluene	ND		0.00567	1	01/31/2023 22:28	WG1997206
Ethylbenzene	ND		0.000567	1	01/31/2023 22:28	WG1997206
Total Xylene	ND		0.00170	1	01/31/2023 22:28	WG1997206
TPH (GC/FID) Low Fraction	ND		0.113	1	01/31/2023 22:28	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	103		77.0-120		01/31/2023 22:28	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 22:28	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.53	1	02/01/2023 20:06	WG1997279
C28-C36 Motor Oil Range	ND		4.53	1	02/01/2023 20:06	WG1997279
(S) o-Terphenyl	90.2		18.0-148		02/01/2023 20:06	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.7		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	ND		25.7	1	01/31/2023 09:17	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000643	1	01/31/2023 23:05	WG1997206
Toluene	ND		0.00643	1	01/31/2023 23:05	WG1997206
Ethylbenzene	ND		0.000643	1	01/31/2023 23:05	WG1997206
Total Xylene	ND		0.00193	1	01/31/2023 23:05	WG1997206
TPH (GC/FID) Low Fraction	ND		0.129	1	01/31/2023 23:05	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 23:05	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 23:05	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.15	1	02/01/2023 20:19	WG1997279
C28-C36 Motor Oil Range	ND		5.15	1	02/01/2023 20:19	WG1997279
(S) o-Terphenyl	66.5		18.0-148		02/01/2023 20:19	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	79.5		1	01/31/2023 07:41	WG1996723

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		25.1	1	01/31/2023 09:33	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000629	1	01/31/2023 23:28	WG1997206
Toluene	ND		0.00629	1	01/31/2023 23:28	WG1997206
Ethylbenzene	ND		0.000629	1	01/31/2023 23:28	WG1997206
Total Xylene	ND		0.00189	1	01/31/2023 23:28	WG1997206
TPH (GC/FID) Low Fraction	ND		0.126	1	01/31/2023 23:28	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 23:28	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 23:28	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.03	1	02/01/2023 20:32	WG1997279
C28-C36 Motor Oil Range	ND		5.03	1	02/01/2023 20:32	WG1997279
(S) o-Terphenyl	55.3		18.0-148		02/01/2023 20:32	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.4		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		25.4	1.02	01/31/2023 09:49	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000622	1	01/31/2023 23:51	WG1997206
Toluene	ND		0.00622	1	01/31/2023 23:51	WG1997206
Ethylbenzene	ND		0.000622	1	01/31/2023 23:51	WG1997206
Total Xylene	ND		0.00187	1	01/31/2023 23:51	WG1997206
TPH (GC/FID) Low Fraction	ND		0.124	1	01/31/2023 23:51	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		01/31/2023 23:51	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		01/31/2023 23:51	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.97	1	02/01/2023 20:45	WG1997279
C28-C36 Motor Oil Range	ND		4.97	1	02/01/2023 20:45	WG1997279
(S) o-Terphenyl	65.9		18.0-148		02/01/2023 20:45	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.4		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		23.2	1	01/31/2023 10:05	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000579	1	02/01/2023 01:21	WG1997206
Toluene	ND		0.00579	1	02/01/2023 01:21	WG1997206
Ethylbenzene	ND		0.000579	1	02/01/2023 01:21	WG1997206
Total Xylene	ND		0.00174	1	02/01/2023 01:21	WG1997206
TPH (GC/FID) Low Fraction	ND		0.116	1	02/01/2023 01:21	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	103		77.0-120		02/01/2023 01:21	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		02/01/2023 01:21	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.63	1	02/01/2023 20:58	WG1997279
C28-C36 Motor Oil Range	7.03		4.63	1	02/01/2023 20:58	WG1997279
(S) o-Terphenyl	79.6		18.0-148		02/01/2023 20:58	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.8		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		25.7	1	01/31/2023 10:21	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000642	1	02/01/2023 01:43	WG1997206
Toluene	ND		0.00642	1	02/01/2023 01:43	WG1997206
Ethylbenzene	ND		0.000642	1	02/01/2023 01:43	WG1997206
Total Xylene	ND		0.00193	1	02/01/2023 01:43	WG1997206
TPH (GC/FID) Low Fraction	ND		0.128	1	02/01/2023 01:43	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		02/01/2023 01:43	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		02/01/2023 01:43	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.14	1	02/01/2023 21:10	WG1997279
C28-C36 Motor Oil Range	ND		5.14	1	02/01/2023 21:10	WG1997279
(S) o-Terphenyl	59.5		18.0-148		02/01/2023 21:10	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	78.9		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	49.6		25.3	1	01/31/2023 10:37	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000634	1	02/01/2023 02:06	WG1997206
Toluene	ND		0.00634	1	02/01/2023 02:06	WG1997206
Ethylbenzene	ND		0.000634	1	02/01/2023 02:06	WG1997206
Total Xylene	ND		0.00190	1	02/01/2023 02:06	WG1997206
TPH (GC/FID) Low Fraction	ND		0.127	1	02/01/2023 02:06	WG1997206
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		02/01/2023 02:06	WG1997206
(S) a,a,a-Trifluorotoluene(PID)	102		72.0-128		02/01/2023 02:06	WG1997206

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.07	1	02/01/2023 21:23	WG1997279
C28-C36 Motor Oil Range	ND		5.07	1	02/01/2023 21:23	WG1997279
(S) o-Terphenyl	61.0		18.0-148		02/01/2023 21:23	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.4		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	239		23.2	1	01/31/2023 11:24	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000579	1	02/03/2023 10:51	WG1998415
Toluene	ND		0.00579	1	02/03/2023 10:51	WG1998415
Ethylbenzene	ND		0.000579	1	02/03/2023 10:51	WG1998415
Total Xylene	ND		0.00174	1	02/03/2023 10:51	WG1998415
TPH (GC/FID) Low Fraction	ND		0.116	1	02/03/2023 10:51	WG1998415
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/03/2023 10:51	WG1998415
(S) a,a,a-Trifluorotoluene(PID)	99.7		72.0-128		02/03/2023 10:51	WG1998415

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.63	1	02/01/2023 21:37	WG1997279
C28-C36 Motor Oil Range	ND		4.63	1	02/01/2023 21:37	WG1997279
(S) o-Terphenyl	71.5		18.0-148		02/01/2023 21:37	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.4		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	153		22.6	1	01/31/2023 11:40	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000565	1	02/03/2023 11:13	WG1998415
Toluene	ND		0.00565	1	02/03/2023 11:13	WG1998415
Ethylbenzene	ND		0.000565	1	02/03/2023 11:13	WG1998415
Total Xylene	ND		0.00170	1	02/03/2023 11:13	WG1998415
TPH (GC/FID) Low Fraction	ND		0.113	1	02/03/2023 11:13	WG1998415
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 11:13	WG1998415
(S) a,a,a-Trifluorotoluene(PID)	99.8		72.0-128		02/03/2023 11:13	WG1998415

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	299		4.52	1	02/01/2023 21:49	WG1997279
C28-C36 Motor Oil Range	219		22.6	5	02/02/2023 12:13	WG1997279
(S) o-Terphenyl	61.7		18.0-148		02/01/2023 21:49	WG1997279
(S) o-Terphenyl	84.3		18.0-148		02/02/2023 12:13	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.7		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		24.8	1	01/31/2023 11:56	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000620	1	02/03/2023 14:30	WG1998415
Toluene	ND		0.00620	1	02/03/2023 14:30	WG1998415
Ethylbenzene	ND		0.000620	1	02/03/2023 14:30	WG1998415
Total Xylene	ND		0.00186	1	02/03/2023 14:30	WG1998415
TPH (GC/FID) Low Fraction	ND		0.124	1	02/03/2023 14:30	WG1998415
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 14:30	WG1998415
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		02/03/2023 14:30	WG1998415

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	11.6		4.96	1	02/01/2023 22:03	WG1997279
C28-C36 Motor Oil Range	17.1		4.96	1	02/01/2023 22:03	WG1997279
(S) o-Terphenyl	62.0		18.0-148		02/01/2023 22:03	WG1997279

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.3		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		22.9	1	01/31/2023 12:28	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000573	1	02/03/2023 14:52	WG1998415
Toluene	ND		0.00573	1	02/03/2023 14:52	WG1998415
Ethylbenzene	ND		0.000573	1	02/03/2023 14:52	WG1998415
Total Xylene	ND		0.00172	1	02/03/2023 14:52	WG1998415
TPH (GC/FID) Low Fraction	ND		0.115	1	02/03/2023 14:52	WG1998415
(S) a,a,a-Trifluorotoluene(FID)	103		77.0-120		02/03/2023 14:52	WG1998415
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		02/03/2023 14:52	WG1998415

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	8.29		4.58	1	02/01/2023 16:13	WG1997280
C28-C36 Motor Oil Range	14.2		4.58	1	02/01/2023 17:28	WG1997280
(S) o-Terphenyl	67.7		18.0-148		02/01/2023 16:13	WG1997280
(S) o-Terphenyl	78.0		18.0-148		02/01/2023 17:28	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.3		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	29.3		22.9	1	01/31/2023 12:44	WG1997199

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000573	1	02/03/2023 15:13	WG1998415
Toluene	ND		0.00573	1	02/03/2023 15:13	WG1998415
Ethylbenzene	ND		0.000573	1	02/03/2023 15:13	WG1998415
Total Xylene	ND		0.00172	1	02/03/2023 15:13	WG1998415
TPH (GC/FID) Low Fraction	ND		0.115	1	02/03/2023 15:13	WG1998415
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/03/2023 15:13	WG1998415
(S) a,a,a-Trifluorotoluene(PID)	100		72.0-128		02/03/2023 15:13	WG1998415

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.58	1	02/01/2023 17:14	WG1997280
C28-C36 Motor Oil Range	5.83		4.58	1	02/01/2023 17:14	WG1997280
(S) o-Terphenyl	66.2		18.0-148		02/01/2023 17:14	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.7		1	01/31/2023 07:32	WG1996724

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	108		22.6	1	02/01/2023 19:21	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000564	1	01/31/2023 18:36	WG1997212
Toluene	ND		0.00564	1	01/31/2023 18:36	WG1997212
Ethylbenzene	ND		0.000564	1	01/31/2023 18:36	WG1997212
Total Xylene	ND		0.00169	1	01/31/2023 18:36	WG1997212
TPH (GC/FID) Low Fraction	ND		0.113	1	01/31/2023 18:36	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 18:36	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.2		72.0-128		01/31/2023 18:36	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	19.9		4.51	1	02/01/2023 17:42	WG1997280
C28-C36 Motor Oil Range	26.4		4.51	1	02/01/2023 17:42	WG1997280
(S) o-Terphenyl	65.3		18.0-148		02/01/2023 17:42	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.4		1	01/31/2023 07:13	WG1996726

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	55.2		22.4	1	02/01/2023 19:30	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000559	1	01/31/2023 18:59	WG1997212
Toluene	ND		0.00559	1	01/31/2023 18:59	WG1997212
Ethylbenzene	ND		0.000559	1	01/31/2023 18:59	WG1997212
Total Xylene	ND		0.00168	1	01/31/2023 18:59	WG1997212
TPH (GC/FID) Low Fraction	ND		0.112	1	01/31/2023 18:59	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 18:59	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.1		72.0-128		01/31/2023 18:59	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	51.8	J6	4.47	1	02/01/2023 17:56	WG1997280
C28-C36 Motor Oil Range	57.5		4.47	1	02/01/2023 17:56	WG1997280
(S) o-Terphenyl	55.6		18.0-148		02/01/2023 17:56	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.8		1	01/31/2023 07:13	WG1996726

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	59.0		22.8	1	02/01/2023 19:40	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000570	1	01/31/2023 19:22	WG1997212
Toluene	ND		0.00570	1	01/31/2023 19:22	WG1997212
Ethylbenzene	ND		0.000570	1	01/31/2023 19:22	WG1997212
Total Xylene	ND		0.00171	1	01/31/2023 19:22	WG1997212
TPH (GC/FID) Low Fraction	ND		0.114	1	01/31/2023 19:22	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 19:22	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.4		72.0-128		01/31/2023 19:22	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	71.9		4.56	1	02/01/2023 18:38	WG1997280
C28-C36 Motor Oil Range	71.4		4.56	1	02/01/2023 18:38	WG1997280
(S) o-Terphenyl	55.7		18.0-148		02/01/2023 18:38	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-24
Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.8		1	01/31/2023 07:13	WG1996726

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	193		22.8	1	02/01/2023 19:49	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000570	1	01/31/2023 19:46	WG1997212
Toluene	ND		0.00570	1	01/31/2023 19:46	WG1997212
Ethylbenzene	ND		0.000570	1	01/31/2023 19:46	WG1997212
Total Xylene	ND		0.00171	1	01/31/2023 19:46	WG1997212
TPH (GC/FID) Low Fraction	ND		0.114	1	01/31/2023 19:46	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 19:46	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.1		72.0-128		01/31/2023 19:46	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	117		4.56	1	02/01/2023 18:52	WG1997280
C28-C36 Motor Oil Range	115		4.56	1	02/01/2023 18:52	WG1997280
(S) o-Terphenyl	53.8		18.0-148		02/01/2023 18:52	WG1997280

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.3		1	01/31/2023 07:13	WG1996726

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		22.4	1	02/01/2023 19:59	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000560	1	01/31/2023 20:09	WG1997212
Toluene	ND		0.00560	1	01/31/2023 20:09	WG1997212
Ethylbenzene	ND		0.000560	1	01/31/2023 20:09	WG1997212
Total Xylene	ND		0.00168	1	01/31/2023 20:09	WG1997212
TPH (GC/FID) Low Fraction	ND		0.112	1	01/31/2023 20:09	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 20:09	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.4		72.0-128		01/31/2023 20:09	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	43.4		4.48	1	02/01/2023 19:06	WG1997280
C28-C36 Motor Oil Range	60.5		4.48	1	02/01/2023 19:06	WG1997280
(S) o-Terphenyl	67.5		18.0-148		02/01/2023 19:06	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.6		1	01/31/2023 07:13	WG1996726

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	ND		22.3	1.01	02/01/2023 20:08	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000594		0.000552	1	01/31/2023 20:33	WG1997212
Toluene	ND		0.00552	1	01/31/2023 20:33	WG1997212
Ethylbenzene	ND		0.000552	1	01/31/2023 20:33	WG1997212
Total Xylene	ND		0.00165	1	01/31/2023 20:33	WG1997212
TPH (GC/FID) Low Fraction	ND		0.110	1	01/31/2023 20:33	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 20:33	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.3		72.0-128		01/31/2023 20:33	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.44		4.41	1	02/01/2023 19:20	WG1997280
C28-C36 Motor Oil Range	26.6		4.41	1	02/01/2023 19:20	WG1997280
(S) o-Terphenyl	67.8		18.0-148		02/01/2023 19:20	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.3		1	01/31/2023 07:13	WG1996726

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	58.0		21.9	1	02/01/2023 20:18	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000548	1	01/31/2023 20:56	WG1997212
Toluene	ND		0.00548	1	01/31/2023 20:56	WG1997212
Ethylbenzene	ND		0.000548	1	01/31/2023 20:56	WG1997212
Total Xylene	ND		0.00164	1	01/31/2023 20:56	WG1997212
TPH (GC/FID) Low Fraction	ND		0.110	1	01/31/2023 20:56	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 20:56	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.4		72.0-128		01/31/2023 20:56	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	43.9		4.38	1	02/01/2023 19:34	WG1997280
C28-C36 Motor Oil Range	62.8		4.38	1	02/01/2023 19:34	WG1997280
(S) o-Terphenyl	71.5		18.0-148		02/01/2023 19:34	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.8		1	01/31/2023 07:13	WG1996726

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		22.8	1	02/01/2023 20:46	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000570	1	01/31/2023 21:19	WG1997212
Toluene	ND		0.00570	1	01/31/2023 21:19	WG1997212
Ethylbenzene	ND		0.000570	1	01/31/2023 21:19	WG1997212
Total Xylene	ND		0.00171	1	01/31/2023 21:19	WG1997212
TPH (GC/FID) Low Fraction	ND		0.114	1	01/31/2023 21:19	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 21:19	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.2		72.0-128		01/31/2023 21:19	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.77		4.56	1	02/01/2023 19:48	WG1997280
C28-C36 Motor Oil Range	6.18		4.56	1	02/01/2023 19:48	WG1997280
(S) o-Terphenyl	49.2		18.0-148		02/01/2023 19:48	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.4		1	01/31/2023 07:13	WG1996726

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	161		21.4	1	02/01/2023 21:25	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000535	1	01/31/2023 21:42	WG1997212
Toluene	ND		0.00535	1	01/31/2023 21:42	WG1997212
Ethylbenzene	ND		0.000535	1	01/31/2023 21:42	WG1997212
Total Xylene	ND		0.00161	1	01/31/2023 21:42	WG1997212
TPH (GC/FID) Low Fraction	ND		0.107	1	01/31/2023 21:42	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 21:42	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.8		72.0-128		01/31/2023 21:42	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	4.88		4.28	1	02/01/2023 20:02	WG1997280
C28-C36 Motor Oil Range	8.64		4.28	1	02/01/2023 20:02	WG1997280
(S) o-Terphenyl	73.8		18.0-148		02/01/2023 20:02	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.9		1	01/31/2023 07:13	WG1996726

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	24.5		22.7	1.01	02/01/2023 21:34	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000563	1	01/31/2023 22:29	WG1997212
Toluene	ND		0.00563	1	01/31/2023 22:29	WG1997212
Ethylbenzene	ND		0.000563	1	01/31/2023 22:29	WG1997212
Total Xylene	ND		0.00169	1	01/31/2023 22:29	WG1997212
TPH (GC/FID) Low Fraction	ND		0.113	1	01/31/2023 22:29	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 22:29	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.3		72.0-128		01/31/2023 22:29	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	6.82		4.50	1	02/01/2023 20:16	WG1997280
C28-C36 Motor Oil Range	14.5		4.50	1	02/01/2023 20:16	WG1997280
(S) o-Terphenyl	72.6		18.0-148		02/01/2023 20:16	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.0		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	201		21.3	1	02/01/2023 21:44	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000532	1	01/31/2023 22:53	WG1997212
Toluene	ND		0.00532	1	01/31/2023 22:53	WG1997212
Ethylbenzene	ND		0.000532	1	01/31/2023 22:53	WG1997212
Total Xylene	ND		0.00160	1	01/31/2023 22:53	WG1997212
TPH (GC/FID) Low Fraction	ND		0.106	1	01/31/2023 22:53	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 22:53	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.7		72.0-128		01/31/2023 22:53	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.25	1	02/01/2023 20:30	WG1997280
C28-C36 Motor Oil Range	9.71		4.25	1	02/01/2023 20:30	WG1997280
(S) o-Terphenyl	71.9		18.0-148		02/01/2023 20:30	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.5		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		22.3	1	02/01/2023 21:53	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000559	1	01/31/2023 23:16	WG1997212
Toluene	ND		0.00559	1	01/31/2023 23:16	WG1997212
Ethylbenzene	ND		0.000559	1	01/31/2023 23:16	WG1997212
Total Xylene	ND		0.00168	1	01/31/2023 23:16	WG1997212
TPH (GC/FID) Low Fraction	ND		0.112	1	01/31/2023 23:16	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		01/31/2023 23:16	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	100		72.0-128		01/31/2023 23:16	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	12.3		4.47	1	02/01/2023 20:44	WG1997280
C28-C36 Motor Oil Range	32.3		4.47	1	02/01/2023 20:44	WG1997280
(S) o-Terphenyl	81.5		18.0-148		02/01/2023 20:44	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.4		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		21.9	1	02/01/2023 22:03	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00105		0.000547	1	01/31/2023 23:39	WG1997212
Toluene	ND		0.00547	1	01/31/2023 23:39	WG1997212
Ethylbenzene	ND		0.000547	1	01/31/2023 23:39	WG1997212
Total Xylene	ND		0.00164	1	01/31/2023 23:39	WG1997212
TPH (GC/FID) Low Fraction	ND		0.109	1	01/31/2023 23:39	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		01/31/2023 23:39	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.1		72.0-128		01/31/2023 23:39	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.98		4.38	1	02/01/2023 20:58	WG1997280
C28-C36 Motor Oil Range	15.6		4.38	1	02/01/2023 20:58	WG1997280
(S) o-Terphenyl	73.3		18.0-148		02/01/2023 20:58	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.7		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		21.3	1	02/01/2023 22:13	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000534	1	02/01/2023 01:20	WG1997212
Toluene	ND		0.00534	1	02/01/2023 01:20	WG1997212
Ethylbenzene	ND		0.000534	1	02/01/2023 01:20	WG1997212
Total Xylene	ND		0.00160	1	02/01/2023 01:20	WG1997212
TPH (GC/FID) Low Fraction	ND		0.107	1	02/01/2023 01:20	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	99.9		77.0-120		02/01/2023 01:20	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	98.4		72.0-128		02/01/2023 01:20	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	36.8		4.27	1	02/01/2023 21:12	WG1997280
C28-C36 Motor Oil Range	63.3		4.27	1	02/01/2023 21:12	WG1997280
(S) o-Terphenyl	72.0		18.0-148		02/01/2023 21:12	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.8		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	324		21.8	1	02/01/2023 22:41	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000544	1	02/01/2023 01:43	WG1997212
Toluene	ND		0.00544	1	02/01/2023 01:43	WG1997212
Ethylbenzene	ND		0.000544	1	02/01/2023 01:43	WG1997212
Total Xylene	ND		0.00163	1	02/01/2023 01:43	WG1997212
TPH (GC/FID) Low Fraction	ND		0.109	1	02/01/2023 01:43	WG1997212
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/01/2023 01:43	WG1997212
(S) a,a,a-Trifluorotoluene(PID)	99.0		72.0-128		02/01/2023 01:43	WG1997212

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	22.2		4.36	1	02/01/2023 21:26	WG1997280
C28-C36 Motor Oil Range	65.5		4.36	1	02/01/2023 21:26	WG1997280
(S) o-Terphenyl	65.2		18.0-148		02/01/2023 21:26	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.9		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	43.7		21.5	1	02/01/2023 22:51	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000538	1	02/01/2023 19:57	WG1997771
Toluene	ND		0.00538	1	02/01/2023 19:57	WG1997771
Ethylbenzene	ND		0.000538	1	02/01/2023 19:57	WG1997771
Total Xylene	ND		0.00162	1	02/01/2023 19:57	WG1997771
TPH (GC/FID) Low Fraction	ND		0.108	1	02/01/2023 19:57	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/01/2023 19:57	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	98.8		72.0-128		02/01/2023 19:57	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	20.9		4.31	1	02/01/2023 21:40	WG1997280
C28-C36 Motor Oil Range	35.3		4.31	1	02/01/2023 21:40	WG1997280
(S) o-Terphenyl	68.8		18.0-148		02/01/2023 21:40	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.0		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		23.8	1.01	02/01/2023 23:00	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000588	1	02/01/2023 20:19	WG1997771
Toluene	ND		0.00588	1	02/01/2023 20:19	WG1997771
Ethylbenzene	ND		0.000588	1	02/01/2023 20:19	WG1997771
Total Xylene	ND		0.00176	1	02/01/2023 20:19	WG1997771
TPH (GC/FID) Low Fraction	ND		0.118	1	02/01/2023 20:19	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/01/2023 20:19	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.1		72.0-128		02/01/2023 20:19	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	7.29		4.71	1	02/01/2023 21:54	WG1997280
C28-C36 Motor Oil Range	18.7		4.71	1	02/01/2023 21:54	WG1997280
(S) o-Terphenyl	78.6		18.0-148		02/01/2023 21:54	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.7		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	ND		22.7	1.03	02/01/2023 23:10	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000551	1	02/01/2023 20:42	WG1997771
Toluene	ND		0.00551	1	02/01/2023 20:42	WG1997771
Ethylbenzene	ND		0.000551	1	02/01/2023 20:42	WG1997771
Total Xylene	ND		0.00165	1	02/01/2023 20:42	WG1997771
TPH (GC/FID) Low Fraction	ND		0.110	1	02/01/2023 20:42	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/01/2023 20:42	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	100		72.0-128		02/01/2023 20:42	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.41	1	02/01/2023 22:08	WG1997280
C28-C36 Motor Oil Range	8.23		4.41	1	02/01/2023 22:08	WG1997280
(S) o-Terphenyl	65.1		18.0-148		02/01/2023 22:08	WG1997280

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	75.2		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	29.0		26.6	1	02/01/2023 23:29	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000665	1	02/05/2023 23:42	WG2000534
Toluene	ND		0.00665	1	02/05/2023 23:42	WG2000534
Ethylbenzene	ND		0.000665	1	02/05/2023 23:42	WG2000534
Total Xylene	ND		0.00199	1	02/05/2023 23:42	WG2000534
TPH (GC/FID) Low Fraction	ND		0.133	1	02/05/2023 23:42	WG2000534
(S) a,a,a-Trifluorotoluene(FID)	105		77.0-120		02/05/2023 23:42	WG2000534
(S) a,a,a-Trifluorotoluene(PID)	103		72.0-128		02/05/2023 23:42	WG2000534

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.32	1	02/01/2023 11:00	WG1997281
C28-C36 Motor Oil Range	ND		5.32	1	02/01/2023 11:00	WG1997281
(S) o-Terphenyl	61.4		18.0-148		02/01/2023 11:00	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.1		1	01/31/2023 10:18	WG1997176

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		23.0	1	02/01/2023 23:41	WG1997655

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000574	1	02/01/2023 21:28	WG1997771
Toluene	ND		0.00574	1	02/01/2023 21:28	WG1997771
Ethylbenzene	ND		0.000574	1	02/01/2023 21:28	WG1997771
Total Xylene	ND		0.00172	1	02/01/2023 21:28	WG1997771
TPH (GC/FID) Low Fraction	ND		0.115	1	02/01/2023 21:28	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/01/2023 21:28	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.4		72.0-128		02/01/2023 21:28	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.59	1	02/01/2023 11:13	WG1997281
C28-C36 Motor Oil Range	5.39		4.59	1	02/01/2023 11:13	WG1997281
(S) o-Terphenyl	75.8		18.0-148		02/01/2023 11:13	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.6		1	02/01/2023 11:18	WG1997252

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	71.0		23.3	1.03	02/10/2023 23:07	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000565	1	02/06/2023 00:05	WG2000534
Toluene	ND		0.00565	1	02/06/2023 00:05	WG2000534
Ethylbenzene	ND		0.000565	1	02/06/2023 00:05	WG2000534
Total Xylene	ND		0.00169	1	02/06/2023 00:05	WG2000534
TPH (GC/FID) Low Fraction	ND		0.113	1	02/06/2023 00:05	WG2000534
(S) a,a,a-Trifluorotoluene(FID)	103		77.0-120		02/06/2023 00:05	WG2000534
(S) a,a,a-Trifluorotoluene(PID)	100		72.0-128		02/06/2023 00:05	WG2000534

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	13.2		4.52	1	02/01/2023 11:26	WG1997281
C28-C36 Motor Oil Range	12.0		4.52	1	02/01/2023 11:26	WG1997281
(S) o-Terphenyl	73.2		18.0-148		02/01/2023 11:26	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.3		1	02/01/2023 11:18	WG1997252

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	ND		21.4	1	02/10/2023 23:16	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000536	1	02/01/2023 22:46	WG1997771
Toluene	ND		0.00536	1	02/01/2023 22:46	WG1997771
Ethylbenzene	ND		0.000536	1	02/01/2023 22:46	WG1997771
Total Xylene	ND		0.00161	1	02/01/2023 22:46	WG1997771
TPH (GC/FID) Low Fraction	ND		0.107	1	02/01/2023 22:46	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	100		77.0-120		02/01/2023 22:46	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.2		72.0-128		02/01/2023 22:46	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	13.8		4.29	1	02/01/2023 15:19	WG1997281
C28-C36 Motor Oil Range	31.5		4.29	1	02/01/2023 15:19	WG1997281
(S) o-Terphenyl	67.1		18.0-148		02/01/2023 15:19	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.0		1	02/01/2023 11:18	WG1997252

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		26.0	1	02/10/2023 23:25	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND	J3	0.000649	1	02/01/2023 23:08	WG1997771
Toluene	ND	J3	0.00649	1	02/01/2023 23:08	WG1997771
Ethylbenzene	ND	J3	0.000649	1	02/01/2023 23:08	WG1997771
Total Xylene	ND	J3	0.00195	1	02/01/2023 23:08	WG1997771
TPH (GC/FID) Low Fraction	ND		0.130	1	02/01/2023 23:08	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/01/2023 23:08	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.2		72.0-128		02/01/2023 23:08	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.19	1	02/01/2023 11:39	WG1997281
C28-C36 Motor Oil Range	ND		5.19	1	02/01/2023 11:39	WG1997281
(S) o-Terphenyl	71.9		18.0-148		02/01/2023 11:39	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	73.9		1	02/01/2023 11:18	WG1997252

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		27.1	1	02/11/2023 00:04	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000677	1	02/01/2023 23:31	WG1997771
Toluene	ND		0.00677	1	02/01/2023 23:31	WG1997771
Ethylbenzene	ND		0.000677	1	02/01/2023 23:31	WG1997771
Total Xylene	ND		0.00203	1	02/01/2023 23:31	WG1997771
TPH (GC/FID) Low Fraction	ND		0.135	1	02/01/2023 23:31	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	99.3		77.0-120		02/01/2023 23:31	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	98.4		72.0-128		02/01/2023 23:31	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.41	1	02/01/2023 11:52	WG1997281
C28-C36 Motor Oil Range	ND		5.41	1	02/01/2023 11:52	WG1997281
(S) o-Terphenyl	69.8		18.0-148		02/01/2023 11:52	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	74.5		1	02/01/2023 11:18	WG1997252

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	34.3		26.8	1	02/11/2023 00:32	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000671	1	02/01/2023 23:59	WG1997771
Toluene	ND		0.00671	1	02/01/2023 23:59	WG1997771
Ethylbenzene	ND		0.000671	1	02/01/2023 23:59	WG1997771
Total Xylene	ND		0.00201	1	02/01/2023 23:59	WG1997771
TPH (GC/FID) Low Fraction	ND		0.134	1	02/01/2023 23:59	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/01/2023 23:59	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.0		72.0-128		02/01/2023 23:59	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.37	1	02/01/2023 12:05	WG1997281
C28-C36 Motor Oil Range	ND		5.37	1	02/01/2023 12:05	WG1997281
(S) o-Terphenyl	55.4		18.0-148		02/01/2023 12:05	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	74.6		1	02/01/2023 11:18	WG1997252

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		27.1	1.01	02/11/2023 00:42	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000670	1	02/02/2023 00:21	WG1997771
Toluene	ND		0.00670	1	02/02/2023 00:21	WG1997771
Ethylbenzene	ND		0.000670	1	02/02/2023 00:21	WG1997771
Total Xylene	ND		0.00201	1	02/02/2023 00:21	WG1997771
TPH (GC/FID) Low Fraction	ND		0.134	1	02/02/2023 00:21	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 00:21	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.3		72.0-128		02/02/2023 00:21	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.36	1	02/01/2023 12:18	WG1997281
C28-C36 Motor Oil Range	ND		5.36	1	02/01/2023 12:18	WG1997281
(S) o-Terphenyl	67.0		18.0-148		02/01/2023 12:18	WG1997281

SW-25
Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	74.7		1	02/01/2023 11:18	WG1997252

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	ND		26.8	1	02/11/2023 00:51	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000670	1	02/02/2023 00:42	WG1997771
Toluene	ND		0.00670	1	02/02/2023 00:42	WG1997771
Ethylbenzene	ND		0.000670	1	02/02/2023 00:42	WG1997771
Total Xylene	ND		0.00201	1	02/02/2023 00:42	WG1997771
TPH (GC/FID) Low Fraction	ND		0.134	1	02/02/2023 00:42	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/02/2023 00:42	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.8		72.0-128		02/02/2023 00:42	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.36	1	02/01/2023 12:31	WG1997281
C28-C36 Motor Oil Range	ND		5.36	1	02/01/2023 12:31	WG1997281
(S) o-Terphenyl	53.3		18.0-148		02/01/2023 12:31	WG1997281

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.2		1	02/01/2023 10:56	WG1997253

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	247		23.5	1	02/11/2023 01:01	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000587	1	02/02/2023 01:04	WG1997771
Toluene	ND		0.00587	1	02/02/2023 01:04	WG1997771
Ethylbenzene	ND		0.000587	1	02/02/2023 01:04	WG1997771
Total Xylene	ND		0.00176	1	02/02/2023 01:04	WG1997771
TPH (GC/FID) Low Fraction	ND		0.117	1	02/02/2023 01:04	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 01:04	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.5		72.0-128		02/02/2023 01:04	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.69	1	02/01/2023 12:44	WG1997281
C28-C36 Motor Oil Range	ND		4.69	1	02/01/2023 12:44	WG1997281
(S) o-Terphenyl	58.8		18.0-148		02/01/2023 12:44	WG1997281

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.7		1	02/01/2023 10:56	WG1997253

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	44.1		21.8	1	02/11/2023 01:11	WG2004241

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000545	1	02/02/2023 01:27	WG1997771
Toluene	ND		0.00545	1	02/02/2023 01:27	WG1997771
Ethylbenzene	ND		0.000545	1	02/02/2023 01:27	WG1997771
Total Xylene	ND		0.00164	1	02/02/2023 01:27	WG1997771
TPH (GC/FID) Low Fraction	ND		0.109	1	02/02/2023 01:27	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 01:27	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.6		72.0-128		02/02/2023 01:27	WG1997771

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	8.86		4.36	1	02/01/2023 12:57	WG1997281
C28-C36 Motor Oil Range	14.2		4.36	1	02/01/2023 12:57	WG1997281
(S) o-Terphenyl	52.6		18.0-148		02/01/2023 12:57	WG1997281

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.5		1	02/01/2023 10:56	WG1997253

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	37.4		20.9	1	02/11/2023 01:20	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000524	1	02/02/2023 01:50	WG1997771
Toluene	ND		0.00524	1	02/02/2023 01:50	WG1997771
Ethylbenzene	ND		0.000524	1	02/02/2023 01:50	WG1997771
Total Xylene	ND		0.00157	1	02/02/2023 01:50	WG1997771
TPH (GC/FID) Low Fraction	ND		0.105	1	02/02/2023 01:50	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 01:50	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	100		72.0-128		02/02/2023 01:50	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.50		4.19	1	02/01/2023 15:07	WG1997281
C28-C36 Motor Oil Range	32.3		4.19	1	02/01/2023 15:07	WG1997281
(S) o-Terphenyl	73.6		18.0-148		02/01/2023 15:07	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	02/01/2023 10:56	WG1997253

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		20.9	1	02/11/2023 01:30	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000523	1	02/02/2023 12:04	WG1997771
Toluene	ND		0.00523	1	02/02/2023 12:04	WG1997771
Ethylbenzene	ND		0.000523	1	02/02/2023 12:04	WG1997771
Total Xylene	ND		0.00157	1	02/02/2023 12:04	WG1997771
TPH (GC/FID) Low Fraction	ND		0.105	1	02/02/2023 12:04	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 12:04	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.5		72.0-128		02/02/2023 12:04	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.18	1	02/01/2023 13:10	WG1997281
C28-C36 Motor Oil Range	5.72		4.18	1	02/01/2023 13:10	WG1997281
(S) o-Terphenyl	76.9		18.0-148		02/01/2023 13:10	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.9		1	02/01/2023 10:56	WG1997253

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	37.6		22.0	1	02/11/2023 01:39	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000550	1	02/02/2023 12:27	WG1997771
Toluene	ND		0.00550	1	02/02/2023 12:27	WG1997771
Ethylbenzene	ND		0.000550	1	02/02/2023 12:27	WG1997771
Total Xylene	ND		0.00165	1	02/02/2023 12:27	WG1997771
TPH (GC/FID) Low Fraction	ND		0.110	1	02/02/2023 12:27	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 12:27	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.2		72.0-128		02/02/2023 12:27	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	210		4.40	1	02/01/2023 14:54	WG1997281
C28-C36 Motor Oil Range	147		22.0	5	02/01/2023 18:04	WG1997281
(S) o-Terphenyl	62.1		18.0-148		02/01/2023 14:54	WG1997281
(S) o-Terphenyl	45.7		18.0-148		02/01/2023 18:04	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.3		1	02/01/2023 10:56	WG1997253

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	223		21.2	1.01	02/11/2023 01:49	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000525	1	02/02/2023 12:50	WG1997771
Toluene	ND		0.00525	1	02/02/2023 12:50	WG1997771
Ethylbenzene	ND		0.000525	1	02/02/2023 12:50	WG1997771
Total Xylene	ND		0.00157	1	02/02/2023 12:50	WG1997771
TPH (GC/FID) Low Fraction	ND		0.105	1	02/02/2023 12:50	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 12:50	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	100		72.0-128		02/02/2023 12:50	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	4.28		4.20	1	02/01/2023 13:23	WG1997281
C28-C36 Motor Oil Range	10.5		4.20	1	02/01/2023 13:23	WG1997281
(S) o-Terphenyl	65.2		18.0-148		02/01/2023 13:23	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.8		1	02/01/2023 10:56	WG1997253

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	104		21.1	1	02/11/2023 02:27	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000564		0.000528	1	02/02/2023 13:13	WG1997771
Toluene	ND		0.00528	1	02/02/2023 13:13	WG1997771
Ethylbenzene	ND		0.000528	1	02/02/2023 13:13	WG1997771
Total Xylene	ND		0.00158	1	02/02/2023 13:13	WG1997771
TPH (GC/FID) Low Fraction	ND		0.106	1	02/02/2023 13:13	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 13:13	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.1		72.0-128		02/02/2023 13:13	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.22	1	02/01/2023 14:28	WG1997281
C28-C36 Motor Oil Range	ND		4.22	1	02/01/2023 14:28	WG1997281
(S) o-Terphenyl	70.5		18.0-148		02/01/2023 14:28	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.3		1	02/01/2023 10:56	WG1997253

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	77.7		22.4	1	02/11/2023 02:37	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000560	1	02/02/2023 13:36	WG1997771
Toluene	ND		0.00560	1	02/02/2023 13:36	WG1997771
Ethylbenzene	ND		0.000560	1	02/02/2023 13:36	WG1997771
Total Xylene	ND		0.00168	1	02/02/2023 13:36	WG1997771
TPH (GC/FID) Low Fraction	ND		0.112	1	02/02/2023 13:36	WG1997771
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/02/2023 13:36	WG1997771
(S) a,a,a-Trifluorotoluene(PID)	99.2		72.0-128		02/02/2023 13:36	WG1997771

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.48	1	02/01/2023 13:49	WG1997281
C28-C36 Motor Oil Range	ND		4.48	1	02/01/2023 13:49	WG1997281
(S) o-Terphenyl	71.5		18.0-148		02/01/2023 13:49	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.2		1	02/01/2023 10:56	WG1997253

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	106		22.2	1	02/11/2023 02:46	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000554	1	02/03/2023 02:08	WG1997772
Toluene	ND		0.00554	1	02/03/2023 02:08	WG1997772
Ethylbenzene	ND		0.000554	1	02/03/2023 02:08	WG1997772
Total Xylene	ND		0.00166	1	02/03/2023 02:08	WG1997772
TPH (GC/FID) Low Fraction	ND		0.111	1	02/03/2023 02:08	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 02:08	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.3		72.0-128		02/03/2023 02:08	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.43	1	02/01/2023 14:15	WG1997281
C28-C36 Motor Oil Range	ND		4.43	1	02/01/2023 14:15	WG1997281
(S) o-Terphenyl	70.1		18.0-148		02/01/2023 14:15	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.7		1	02/01/2023 10:56	WG1997253

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	28.2		22.8	1.01	02/11/2023 02:56	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000563	1	02/03/2023 02:31	WG1997772
Toluene	ND		0.00563	1	02/03/2023 02:31	WG1997772
Ethylbenzene	ND		0.000563	1	02/03/2023 02:31	WG1997772
Total Xylene	ND		0.00169	1	02/03/2023 02:31	WG1997772
TPH (GC/FID) Low Fraction	ND		0.113	1	02/03/2023 02:31	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 02:31	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.8		72.0-128		02/03/2023 02:31	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	29.9		4.51	1	02/01/2023 14:41	WG1997281
C28-C36 Motor Oil Range	44.0		4.51	1	02/01/2023 14:41	WG1997281
(S) o-Terphenyl	75.7		18.0-148		02/01/2023 14:41	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.7		1	01/31/2023 15:41	WG1997557

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		23.0	1.02	02/11/2023 03:05	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000564	1	02/03/2023 02:53	WG1997772
Toluene	ND		0.00564	1	02/03/2023 02:53	WG1997772
Ethylbenzene	ND		0.000564	1	02/03/2023 02:53	WG1997772
Total Xylene	ND		0.00169	1	02/03/2023 02:53	WG1997772
TPH (GC/FID) Low Fraction	ND		0.113	1	02/03/2023 02:53	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 02:53	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.7		72.0-128		02/03/2023 02:53	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.51	1	02/01/2023 14:02	WG1997281
C28-C36 Motor Oil Range	6.32		4.51	1	02/01/2023 14:02	WG1997281
(S) o-Terphenyl	60.5		18.0-148		02/01/2023 14:02	WG1997281

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.1		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	mg/kg		mg/kg			
Chloride	ND		22.9	1.02	02/11/2023 03:15	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg			
Benzene	ND		0.000561	1	02/03/2023 03:16	WG1997772
Toluene	ND		0.00561	1	02/03/2023 03:16	WG1997772
Ethylbenzene	ND		0.000561	1	02/03/2023 03:16	WG1997772
Total Xylene	ND		0.00168	1	02/03/2023 03:16	WG1997772
TPH (GC/FID) Low Fraction	ND		0.112	1	02/03/2023 03:16	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 03:16	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.6		72.0-128		02/03/2023 03:16	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg			
C10-C28 Diesel Range	4.99		4.49	1	02/02/2023 10:49	WG1997282
C28-C36 Motor Oil Range	13.3		4.49	1	02/02/2023 10:49	WG1997282
(S) o-Terphenyl	67.6		18.0-148		02/02/2023 10:49	WG1997282

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.0		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	55.4		22.0	1	02/11/2023 03:24	WG2004241

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000549	1	02/03/2023 03:38	WG1997772
Toluene	ND		0.00549	1	02/03/2023 03:38	WG1997772
Ethylbenzene	ND		0.000549	1	02/03/2023 03:38	WG1997772
Total Xylene	ND		0.00165	1	02/03/2023 03:38	WG1997772
TPH (GC/FID) Low Fraction	ND		0.110	1	02/03/2023 03:38	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 03:38	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.3		72.0-128		02/03/2023 03:38	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	6.47		4.40	1	02/01/2023 17:52	WG1997282
C28-C36 Motor Oil Range	13.7		4.40	1	02/01/2023 17:52	WG1997282
(S) o-Terphenyl	70.6		18.0-148		02/01/2023 17:52	WG1997282

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.9		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		22.4	1.04	02/02/2023 00:29	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000538	1	02/03/2023 04:01	WG1997772
Toluene	ND		0.00538	1	02/03/2023 04:01	WG1997772
Ethylbenzene	ND		0.000538	1	02/03/2023 04:01	WG1997772
Total Xylene	ND		0.00162	1	02/03/2023 04:01	WG1997772
TPH (GC/FID) Low Fraction	ND		0.108	1	02/03/2023 04:01	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 04:01	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.7		72.0-128		02/03/2023 04:01	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.31	1	02/01/2023 00:04	WG1997636
C28-C36 Motor Oil Range	6.03		4.31	1	02/01/2023 00:04	WG1997636
(S) o-Terphenyl	61.2		18.0-148		02/01/2023 00:04	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.5		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	37.9		21.6	1	02/02/2023 00:38	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000541	1	02/03/2023 04:24	WG1997772
Toluene	ND		0.00541	1	02/03/2023 04:24	WG1997772
Ethylbenzene	ND		0.000541	1	02/03/2023 04:24	WG1997772
Total Xylene	ND		0.00162	1	02/03/2023 04:24	WG1997772
TPH (GC/FID) Low Fraction	ND		0.108	1	02/03/2023 04:24	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		02/03/2023 04:24	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.3		72.0-128		02/03/2023 04:24	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	212		43.3	10	02/01/2023 02:23	WG1997636
C28-C36 Motor Oil Range	182		43.3	10	02/01/2023 02:23	WG1997636
(S) o-Terphenyl	85.7		18.0-148		02/01/2023 02:23	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.9		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		22.2	1.01	02/02/2023 00:48	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000550	1	02/03/2023 04:46	WG1997772
Toluene	ND		0.00550	1	02/03/2023 04:46	WG1997772
Ethylbenzene	ND		0.000550	1	02/03/2023 04:46	WG1997772
Total Xylene	ND		0.00165	1	02/03/2023 04:46	WG1997772
TPH (GC/FID) Low Fraction	ND		0.110	1	02/03/2023 04:46	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 04:46	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	103		72.0-128		02/03/2023 04:46	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	48.3		4.40	1	02/01/2023 02:10	WG1997636
C28-C36 Motor Oil Range	52.6		4.40	1	02/01/2023 02:10	WG1997636
(S) o-Terphenyl	65.2		18.0-148		02/01/2023 02:10	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.6		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		21.8	1	02/02/2023 00:57	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000546	1	02/03/2023 06:14	WG1997772
Toluene	ND		0.00546	1	02/03/2023 06:14	WG1997772
Ethylbenzene	ND		0.000546	1	02/03/2023 06:14	WG1997772
Total Xylene	ND		0.00164	1	02/03/2023 06:14	WG1997772
TPH (GC/FID) Low Fraction	ND		0.109	1	02/03/2023 06:14	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 06:14	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.4		72.0-128		02/03/2023 06:14	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.37	1	02/01/2023 00:30	WG1997636
C28-C36 Motor Oil Range	4.78		4.37	1	02/01/2023 00:30	WG1997636
(S) o-Terphenyl	60.7		18.0-148		02/01/2023 00:30	WG1997636

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.0		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	31.4		22.2	1.01	02/02/2023 01:07	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000549	1	02/03/2023 06:36	WG1997772
Toluene	ND		0.00549	1	02/03/2023 06:36	WG1997772
Ethylbenzene	ND		0.000549	1	02/03/2023 06:36	WG1997772
Total Xylene	ND		0.00165	1	02/03/2023 06:36	WG1997772
TPH (GC/FID) Low Fraction	ND		0.110	1	02/03/2023 06:36	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 06:36	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.6		72.0-128		02/03/2023 06:36	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.39	1	02/01/2023 00:42	WG1997636
C28-C36 Motor Oil Range	ND		4.39	1	02/01/2023 00:42	WG1997636
(S) o-Terphenyl	63.3		18.0-148		02/01/2023 00:42	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.0		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		21.7	1	02/02/2023 01:16	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000543	1	02/03/2023 06:59	WG1997772
Toluene	ND		0.00543	1	02/03/2023 06:59	WG1997772
Ethylbenzene	ND		0.000543	1	02/03/2023 06:59	WG1997772
Total Xylene	ND		0.00163	1	02/03/2023 06:59	WG1997772
TPH (GC/FID) Low Fraction	ND		0.109	1	02/03/2023 06:59	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 06:59	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	99.3		72.0-128		02/03/2023 06:59	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.35	1	02/01/2023 01:58	WG1997636
C28-C36 Motor Oil Range	13.6		4.35	1	02/01/2023 01:58	WG1997636
(S) o-Terphenyl	63.7		18.0-148		02/01/2023 01:58	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SW-45
Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.9		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		24.9	1.03	02/02/2023 01:26	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000603	1	02/03/2023 07:21	WG1997772
Toluene	ND		0.00603	1	02/03/2023 07:21	WG1997772
Ethylbenzene	ND		0.000603	1	02/03/2023 07:21	WG1997772
Total Xylene	ND		0.00181	1	02/03/2023 07:21	WG1997772
TPH (GC/FID) Low Fraction	ND		0.121	1	02/03/2023 07:21	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	103		77.0-120		02/03/2023 07:21	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		02/03/2023 07:21	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.83	1	02/01/2023 00:55	WG1997636
C28-C36 Motor Oil Range	5.48		4.83	1	02/01/2023 00:55	WG1997636
(S) o-Terphenyl	43.9		18.0-148		02/01/2023 00:55	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 01/26/23 00:00

L1580309

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	79.9		1	02/01/2023 13:18	WG1997564

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		25.0	1	02/02/2023 01:35	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000625	1	02/03/2023 07:44	WG1997772
Toluene	ND		0.00625	1	02/03/2023 07:44	WG1997772
Ethylbenzene	ND		0.000625	1	02/03/2023 07:44	WG1997772
Total Xylene	ND		0.00188	1	02/03/2023 07:44	WG1997772
TPH (GC/FID) Low Fraction	ND		0.125	1	02/03/2023 07:44	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 07:44	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	105		72.0-128		02/03/2023 07:44	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.00	1	02/01/2023 01:20	WG1997636
C28-C36 Motor Oil Range	ND		5.00	1	02/01/2023 01:20	WG1997636
(S) o-Terphenyl	52.4		18.0-148		02/01/2023 01:20	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.0		1	02/01/2023 11:51	WG1997565

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	mg/kg		mg/kg			
Chloride	ND		26.2	1.01	02/02/2023 02:33	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg			
Benzene	ND		0.000649	1	02/03/2023 08:06	WG1997772
Toluene	ND		0.00649	1	02/03/2023 08:06	WG1997772
Ethylbenzene	ND		0.000649	1	02/03/2023 08:06	WG1997772
Total Xylene	ND		0.00195	1	02/03/2023 08:06	WG1997772
TPH (GC/FID) Low Fraction	ND		0.130	1	02/03/2023 08:06	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	103		77.0-120		02/03/2023 08:06	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	101		72.0-128		02/03/2023 08:06	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg			
C10-C28 Diesel Range	ND		5.19	1	02/01/2023 01:33	WG1997636
C28-C36 Motor Oil Range	ND		5.19	1	02/01/2023 01:33	WG1997636
(S) o-Terphenyl	60.4		18.0-148		02/01/2023 01:33	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.0		1	02/01/2023 11:51	WG1997565

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	ND		24.1	1.05	02/02/2023 02:42	WG1997677

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000575	1	02/03/2023 08:29	WG1997772
Toluene	ND		0.00575	1	02/03/2023 08:29	WG1997772
Ethylbenzene	ND		0.000575	1	02/03/2023 08:29	WG1997772
Total Xylene	ND		0.00172	1	02/03/2023 08:29	WG1997772
TPH (GC/FID) Low Fraction	ND		0.115	1	02/03/2023 08:29	WG1997772
(S) a,a,a-Trifluorotoluene(FID)	102		77.0-120		02/03/2023 08:29	WG1997772
(S) a,a,a-Trifluorotoluene(PID)	100		72.0-128		02/03/2023 08:29	WG1997772

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.60	1	02/01/2023 01:07	WG1997636
C28-C36 Motor Oil Range	ND		4.60	1	02/01/2023 01:07	WG1997636
(S) o-Terphenyl	48.2		18.0-148		02/01/2023 01:07	WG1997636

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1996722

QUALITY CONTROL SUMMARY

Total Solids by Method 2540 G-2011

[L1580309-01](#)

Method Blank (MB)

(MB) R3886277-1 01/31/23 07:51

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

L1580309-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-01 01/31/23 07:51 • (DUP) R3886277-3 01/31/23 07:51

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	88.7	90.5	1	2.00		10

Laboratory Control Sample (LCS)

(LCS) R3886277-2 01/31/23 07:51

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/21/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

Total Solids by Method 2540 G-2011

[L1580309-02,03,04,05,06,07,08,09,10,11](#)

Method Blank (MB)

(MB) R3886274-1 01/31/23 07:41				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00200			

L1580309-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-11 01/31/23 07:41 • (DUP) R3886274-3 01/31/23 07:41						
	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	79.5	79.6	1	0.115		10

Laboratory Control Sample (LCS)

(LCS) R3886274-2 01/31/23 07:41					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/21/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1996724

QUALITY CONTROL SUMMARY

Total Solids by Method 2540 G-2011

[L1580309-12,13,14,15,16,17,18,19,20,21](#)

Method Blank (MB)

(MB) R3886273-1 01/31/23 07:32

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00200			

L1580309-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-21 01/31/23 07:32 • (DUP) R3886273-3 01/31/23 07:32

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	88.7	89.1	1	0.528		10

Laboratory Control Sample (LCS)

(LCS) R3886273-2 01/31/23 07:32

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/21/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1996726

QUALITY CONTROL SUMMARY

Total Solids by Method 2540 G-2011

[L1580309-22,23,24,25,26,27,28,29,30](#)

Method Blank (MB)

(MB) R3886145-1 01/31/23 07:13

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

L1580311-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1580311-02 01/31/23 07:13 • (DUP) R3886145-3 01/31/23 07:13

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	87.1	86.9	1	0.232		10

Laboratory Control Sample (LCS)

(LCS) R3886145-2 01/31/23 07:13

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/21/2023 12:00:21 AM

1 C

2 T

3 S

4 C

5 S

6 Qc

7 Gl

8 Al

9 Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997176

QUALITY CONTROL SUMMARY

Total Solids by Method 2540 G-2011 [L1580309-31,32,33,34,35,36,37,38,39,40](#)

Method Blank (MB)

(MB) R3886291-1 01/31/23 10:18				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1580309-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-31 01/31/23 10:18 • (DUP) R3886291-3 01/31/23 10:18						
	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	94.0	94.4	1	0.342		10

Laboratory Control Sample (LCS)

(LCS) R3886291-2 01/31/23 10:18					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/7/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997252

QUALITY CONTROL SUMMARY

Total Solids by Method 2540 G-2011

[L1580309-41,42,43,44,45,46,47](#)

Method Blank (MB)

(MB) R3886621-1 02/01/23 11:18

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00200			

L1580309-41 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-41 02/01/23 11:18 • (DUP) R3886621-3 02/01/23 11:18

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	88.6	89.0	1	0.531		10

Laboratory Control Sample (LCS)

(LCS) R3886621-2 02/01/23 11:18

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/21/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997253

QUALITY CONTROL SUMMARY

Total Solids by Method 2540 G-2011 [L1580309-48,49,50,51,52,53,54,55,56,57](#)

Method Blank (MB)

(MB) R3886615-1 02/01/23 10:56				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00300			

L1580309-51 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-51 02/01/23 10:56 • (DUP) R3886615-3 02/01/23 10:56						
	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	95.7	95.6	1	0.114		10

Laboratory Control Sample (LCS)

(LCS) R3886615-2 02/01/23 10:56					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/21/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

[L1580309-58](#)

Method Blank (MB)

(MB) R3886316-1 01/31/23 15:41				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1580567-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1580567-01 01/31/23 15:41 • (DUP) R3886316-3 01/31/23 15:41						
	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	84.9	85.0	1	0.113		10

Laboratory Control Sample (LCS)

(LCS) R3886316-2 01/31/23 15:41					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997564

QUALITY CONTROL SUMMARY

Total Solids by Method 2540 G-2011 [L1580309-59,60,61,62,63,64,65,66,67,68](#)

Method Blank (MB)

(MB) R3886653-1 02/01/23 13:18				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00200			

L1580309-61 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-61 02/01/23 13:18 • (DUP) R3886653-3 02/01/23 13:18						
	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	92.9	90.8	1	2.27		10

Laboratory Control Sample (LCS)

(LCS) R3886653-2 02/01/23 13:18					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc



Released to Imaging: 7/7/2023 2:03:01 PM

WG1997565

QUALITY CONTROL SUMMARY

Total Solids by Method 2540 G-2011

[L1580309-69,70](#)

Method Blank (MB)

(MB) R3886638-1 02/01/23 11:51				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1580359-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1580359-03 02/01/23 11:51 • (DUP) R3886638-3 02/01/23 11:51						
	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	79.4	80.1	1	0.889		10

Laboratory Control Sample (LCS)

(LCS) R3886638-2 02/01/23 11:51					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Received by OCD: 4/21/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG2004241

Wet Chemistry by Method 300.0

QUALITY CONTROL SUMMARY

L1580309-41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60

Method Blank (MB)

(MB) R3889762-1 02/10/23 22:28				
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		9.20	20.0

L1580309-43 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-43 02/10/23 23:25 • (DUP) R3889762-3 02/10/23 23:35						
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	ND	ND	1	0.000		20

L1580309-53 Original Sample (OS) • Duplicate (DUP)

(OS) L1580309-53 02/11/23 01:49 • (DUP) R3889762-6 02/11/23 01:58						
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	223	210	1	6.30		20

Laboratory Control Sample (LCS)

(LCS) R3889762-2 02/10/23 22:38					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Chloride	200	199	99.6	90.0-110	

L1580309-43 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580309-43 02/10/23 23:25 • (MS) R3889762-4 02/10/23 23:45 • (MSD) R3889762-5 02/10/23 23:54												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	649	ND	630	626	97.0	96.4	1	80.0-120			0.586	20

Received by OCD: 4/21/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997206

Volatile Organic Compounds (GC) by Method 8015/8021

QUALITY CONTROL SUMMARY

[L1580309-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15](#)

Method Blank (MB)

(MB) R3886336-3 01/31/23 17:46				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000455	U	0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S)				
a,a,a-Trifluorotoluene(FID)	104			77.0-120
(S)				
a,a,a-Trifluorotoluene(PID)	102			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3886336-1 01/31/23 14:53					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
Benzene	0.0500	0.0448	89.6	76.0-121	
Toluene	0.0500	0.0486	97.2	80.0-120	
Ethylbenzene	0.0500	0.0488	97.6	80.0-124	
Total Xylene	0.150	0.125	83.3	37.0-160	
(S)					
a,a,a-Trifluorotoluene(FID)			104	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			103	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3886336-2 01/31/23 16:42					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
TPH (GC/FID) Low Fraction	5.50	4.05	73.6	72.0-127	
(S)					
a,a,a-Trifluorotoluene(FID)			108	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			103	72.0-128	

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/17/2023 2:03:01 PM

WG1997206

Volatile Organic Compounds (GC) by Method 8015/8021

QUALITY CONTROL SUMMARY

[L1580309-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15](#)

L1580309-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580309-04 01/31/23 19:46 • (MS) R3886336-4 02/01/23 02:29 • (MSD) R3886336-5 02/01/23 02:51

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0561	ND	0.0501	0.0459	88.7	81.2	1	10.0-155			8.74	32
Toluene	0.0561	ND	0.0532	0.0490	93.5	86.1	1	10.0-160			8.21	34
Ethylbenzene	0.0561	ND	0.0525	0.0482	93.3	85.6	1	10.0-160			8.56	32
Total Xylene	0.169	ND	0.136	0.124	80.1	72.7	1	10.0-160			9.61	32
(S) a,a,a-Trifluorotoluene(FID)					105	104		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					102	102		72.0-128				

L1580309-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580309-04 01/31/23 19:46 • (MS) R3886336-6 02/01/23 03:14 • (MSD) R3886336-7 02/01/23 03:36

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
TPH (GC/FID) Low Fraction	6.24	ND	5.20	5.43	83.3	87.1	1	10.0-151			4.48	28
(S) a,a,a-Trifluorotoluene(FID)					105	110		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					103	104		72.0-128				

Received by OCD: 4/21/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997212

Volatile Organic Compounds (GC) by Method 8015/8021

QUALITY CONTROL SUMMARY

[L1580309-21,22,23,24,25,26,27,28,29,30,31,32,33,34,35](#)

Method Blank (MB)

(MB) R3886359-3 01/31/23 17:58				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	0.0384	U	0.0217	0.100
(S)				
a,a,a-Trifluorotoluene(FID)	100			77.0-120
(S)				
a,a,a-Trifluorotoluene(PID)	99.3			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3886359-1 01/31/23 16:10					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
Benzene	0.0500	0.0490	98.0	76.0-121	
Toluene	0.0500	0.0457	91.4	80.0-120	
Ethylbenzene	0.0500	0.0476	95.2	80.0-124	
Total Xylene	0.150	0.140	93.3	37.0-160	
(S)					
a,a,a-Trifluorotoluene(FID)			102	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			99.8	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3886359-2 01/31/23 16:33					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
TPH (GC/FID) Low Fraction	5.50	5.29	96.2	72.0-127	
(S)					
a,a,a-Trifluorotoluene(FID)			109	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			105	72.0-128	

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

Method Blank (MB)

(MB) R3887671-3 02/01/23 19:19				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S)				
a,a,a-Trifluorotoluene(FID)	101			77.0-120
(S)				
a,a,a-Trifluorotoluene(PID)	99.4			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3887671-1 02/01/23 18:13					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
TPH (GC/FID) Low Fraction	5.50	5.43	98.7	72.0-127	
(S)					
a,a,a-Trifluorotoluene(FID)			107	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			106	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3887671-2 02/01/23 18:35					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
Benzene	0.0500	0.0466	93.2	76.0-121	
Toluene	0.0500	0.0426	85.2	80.0-120	
Ethylbenzene	0.0500	0.0437	87.4	80.0-124	
Total Xylene	0.150	0.129	86.0	37.0-160	
(S)					
a,a,a-Trifluorotoluene(FID)			102	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			99.0	72.0-128	

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997771

QUALITY CONTROL SUMMARY

Volatile Organic Compounds (GC) by Method 8015/8021 [L1580309-36,37,38,40,42,43,44,45,46,47,48,49,50,51,52,53,54,55](#)

L1580309-43 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580309-43 02/01/23 23:08 • (MS) R3887671-5 02/02/23 13:59 • (MSD) R3887671-6 02/02/23 14:22												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0649	ND	0.0779	0.0536	120	83.9	1	10.0-155		J3	36.9	32
Toluene	0.0649	ND	0.0697	0.0479	107	74.9	1	10.0-160		J3	37.1	34
Ethylbenzene	0.0649	ND	0.0701	0.0482	108	75.7	1	10.0-160		J3	37.1	32
Total Xylene	0.195	ND	0.200	0.138	103	72.1	1	10.0-160		J3	36.9	32
(S) 1,1,1-Trifluorotoluene(FID)					101	102		77.0-120				
(S) 1,1,1-Trifluorotoluene(PID)					98.6	99.1		72.0-128				

Received by OCD: 4/7/2023 12:00:21 AM

- 1 C
- 2 T
- 3 S
- 4 C
- 5 S
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997772

Volatile Organic Compounds (GC) by Method 8015/8021

QUALITY CONTROL SUMMARY

[L1580309-56,57,58,59,60,61,62,63,64,65,66,67,68,69,70](#)

Method Blank (MB)

(MB) R3887617-3 02/03/23 01:45				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000426	U	0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S)				
a,a,a-Trifluorotoluene(FID)	101			77.0-120
(S)				
a,a,a-Trifluorotoluene(PID)	100			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3887617-1 02/03/23 00:30					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
Benzene	0.0500	0.0510	102	76.0-121	
Toluene	0.0500	0.0556	111	80.0-120	
Ethylbenzene	0.0500	0.0552	110	80.0-124	
Total Xylene	0.150	0.145	96.7	37.0-160	
(S)					
a,a,a-Trifluorotoluene(FID)			102	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			101	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3887617-2 02/03/23 00:52					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
TPH (GC/FID) Low Fraction	5.50	4.57	83.1	72.0-127	
(S)					
a,a,a-Trifluorotoluene(FID)			104	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			99.3	72.0-128	

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/17/2023 2:03:01 PM

WG1997772

Volatile Organic Compounds (GC) by Method 8015/8021

QUALITY CONTROL SUMMARY

[L1580309-56,57,58,59,60,61,62,63,64,65,66,67,68,69,70](#)

L1580317-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580317-01 02/03/23 09:21 • (MS) R3887617-4 02/03/23 11:13 • (MSD) R3887617-5 02/03/23 12:10

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0610	0.00226	0.0454	0.0674	70.7	107	1	10.0-155		J3	39.0	32
Toluene	0.0610	ND	0.0453	0.0646	70.6	102	1	10.0-160		J3	35.1	34
Ethylbenzene	0.0610	ND	0.0399	0.0516	64.9	84.1	1	10.0-160			25.6	32
Total Xylene	0.183	ND	0.0942	0.138	51.0	74.9	1	10.0-160		J3	37.6	32
(S) a,a,a-Trifluorotoluene(FID)					102	104		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					99.9	111		72.0-128				

L1580317-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580317-01 02/03/23 09:21 • (MS) R3887617-6 02/03/23 12:43 • (MSD) R3887617-7 02/03/23 14:45

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
TPH (GC/FID) Low Fraction	6.65	ND	5.07	5.72	75.3	84.5	1	10.0-151			12.2	28
(S) a,a,a-Trifluorotoluene(FID)					108	108		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					102	104		72.0-128				

Received by OCD: 4/21/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1998415

Volatile Organic Compounds (GC) by Method 8015/8021

QUALITY CONTROL SUMMARY

[L1580309-16,17,18,19,20](#)

Method Blank (MB)

(MB) R3887420-2 02/03/23 09:49

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000153	U	0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	0.0291	U	0.0217	0.100
(S)				
a,a,a-Trifluorotoluene(FID)	101			77.0-120
(S)				
a,a,a-Trifluorotoluene(PID)	99.8			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3887420-1 02/03/23 00:40

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Benzene	0.0500	0.0557	111	76.0-121	
Toluene	0.0500	0.0523	105	80.0-120	
Ethylbenzene	0.0500	0.0548	110	80.0-124	
Total Xylene	0.150	0.160	107	37.0-160	
(S)					
a,a,a-Trifluorotoluene(FID)			103	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			100	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3887420-3 02/03/23 17:20

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
TPH (GC/FID) Low Fraction	5.50	4.82	87.6	72.0-127	
(S)					
a,a,a-Trifluorotoluene(FID)			110	77.0-120	
(S)					
a,a,a-Trifluorotoluene(PID)			109	72.0-128	

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG2000534

Volatile Organic Compounds (GC) by Method 8015/8021

QUALITY CONTROL SUMMARY

[L1580309-39,41](#)

Method Blank (MB)

(MB) R3887783-3 02/05/23 20:43

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000422	U	0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3887783-1 02/05/23 19:35

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Benzene	0.0500	0.0436	87.2	76.0-121	
Toluene	0.0500	0.0471	94.2	80.0-120	
Ethylbenzene	0.0500	0.0471	94.2	80.0-124	
Total Xylene	0.150	0.120	80.0	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			103	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			102	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3887783-2 02/05/23 19:57

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
TPH (GC/FID) Low Fraction	5.50	4.33	78.7	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			104	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			100	72.0-128	

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997279

QUALITY CONTROL SUMMARY

Semi-Volatile Organic Compounds (GC) by Method 8015M [L1580309-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18](#)

Method Blank (MB)

(MB) R3886626-1 02/01/23 17:04				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	87.7			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3886626-2 02/01/23 17:17					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	40.8	81.6	50.0-150	
(S) o-Terphenyl			88.0	18.0-148	

L1580285-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580285-08 02/01/23 17:43 • (MS) R3886626-3 02/01/23 19:40 • (MSD) R3886626-4 02/01/23 19:53												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	65.2	ND	45.2	45.8	64.4	65.7	1	50.0-150			1.18	20
(S) o-Terphenyl					71.5	69.3		18.0-148				

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997280

QUALITY CONTROL SUMMARY

Semi-Volatile Organic Compounds (GC) by Method 8015M L1580309-19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38

Method Blank (MB)

(MB) R3886514-1 02/01/23 15:45				
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	67.7			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3886514-2 02/01/23 15:59					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	28.9	57.8	50.0-150	
(S) o-Terphenyl			69.4	18.0-148	

L1580309-22 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580309-22 02/01/23 17:56 • (MS) R3886514-3 02/01/23 18:10 • (MSD) R3886514-4 02/01/23 18:24												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	54.3	51.8	77.7	75.6	47.8	43.9	1	50.0-150	J6	J6	2.77	20
(S) o-Terphenyl					50.5	58.0		18.0-148				

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997281

QUALITY CONTROL SUMMARY

Semi-Volatile Organic Compounds (GC) by Method 8015M L1580309-39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58

Method Blank (MB)

(MB) R3886510-1 02/01/23 10:34				
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	80.2			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3886510-2 02/01/23 10:47					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	36.3	72.6	50.0-150	
(S) o-Terphenyl			80.8	18.0-148	

L1580309-42 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580309-42 02/01/23 15:19 • (MS) R3886510-3 02/01/23 15:32 • (MSD) R3886510-4 02/01/23 15:45												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	53.1	13.8	45.9	51.9	60.4	71.7	1	50.0-150			12.3	20
(S) o-Terphenyl					57.9	59.1		18.0-148				

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997282

Semi-Volatile Organic Compounds (GC) by Method 8015M

QUALITY CONTROL SUMMARY

L1580309-59,60

Method Blank (MB)

(MB) R3886668-1 02/01/23 14:59

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	0.443	J	0.274	4.00
(S) o-Terphenyl	96.4			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3886668-2 02/01/23 15:12

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	41.9	83.8	50.0-150	
(S) o-Terphenyl			102	18.0-148	

L1580317-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580317-02 02/01/23 18:29 • (MS) R3886668-3 02/01/23 18:42 • (MSD) R3886668-4 02/01/23 18:54

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	57.3	16.8	43.7	51.8	46.8	61.1	1	50.0-150	J6		17.1	20
(S) o-Terphenyl					70.3	73.3		18.0-148				

Received by OCD: 4/7/2023 12:00:21 AM

- 1C
- 2T
- 3S
- 4C
- 5S
- 6Qc
- 7Gl
- 8Al
- 9Sc

Released to Imaging: 7/7/2023 2:03:01 PM

WG1997636

QUALITY CONTROL SUMMARY

Semi-Volatile Organic Compounds (GC) by Method 8015M

L1580309-61,62,63,64,65,66,67,68,69,70

Method Blank (MB)

(MB) R3886287-2 01/31/23 23:39				
	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	0.352		0.274	4.00
(S) o-Terphenyl	63.5			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3886287-1 01/31/23 23:26					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	29.0	58.0	50.0-150	
(S) o-Terphenyl			69.7	18.0-148	

L1580309-62 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1580309-62 02/01/23 02:23 • (MS) R3886287-3 02/01/23 02:36 • (MSD) R3886287-4 02/01/23 02:48												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	54.1	212	283	264	132	96.0	10	50.0-150			7.11	20
(S) o-Terphenyl					68.8	63.7		18.0-148				

Received by OCD: 4/7/2023 12:00:21 AM

1C

2T

3S

4C

5S

6Qc

7Gl

8Al

9Sc

Guide to Reading and Understanding Your Laboratory Report

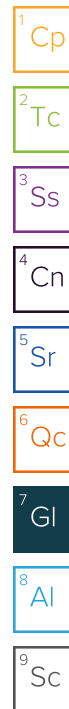
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.



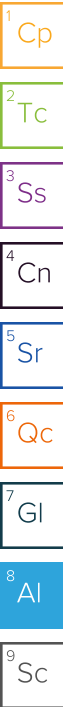
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.





Chain of Custody

B126

Sample Receipt Checklist
 CCC Seal Present/Intact: ☒ N If Applicable
 CCC Signed/Accurate: ☒ N VOA Zero Headspace: ☒ Y N
 Bottles arrive intact: ☒ N Pres. Correct/Check: ☒ Y N
 Correct bottles used: ☒ N
 Sufficient volume sent: ☒ N
 RAD Screen <0.5 mR/hr: ☒ N

Work Order No: _____

4580309

Page 1 of 7

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐	PR ☐ Brownfie ☐ s R ☐ Supe ☐
State of Project:	
Reporting: Level ☐	Level ☐ PST/U ☐ TR ☐ L ☐
Deliverables: EDD ☐	ADaP ☐ Other:

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number:	226530	☒ Routine ☐ Rush		Pres. Code														None: NO	DI Water: H ₂ O		
Project Location	Lea County, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD										Cool: Cool	MeOH: Me		
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN		
PO #:																		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:													Zn Acetate+NaOH: Zn						
Total Containers:	70	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
CS-1	1/26/2023		x		comp	1	x	x	x									-01			
CS-2	1/26/2023		x		comp	1	x	x	x									-02			
CS-3	1/26/2023		x		comp	1	x	x	x									-03			
CS-4	1/26/2023		x		comp	1	x	x	x									-04			
CS-5	1/26/2023		x		comp	1	x	x	x									-05			
CS-6	1/26/2023		x		comp	1	x	x	x									-06			
CS-7	1/26/2023		x		comp	1	x	x	x									-07			
CS-8	1/26/2023		x		comp	1	x	x	x									-08			
CS-9	1/26/2023		x		comp	1	x	x	x									-09			
CS-10	1/26/2023		x		comp	1	x	x	x									-10			

Additional Comments: Billing Code: EAROPEMTX

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		1/27/23 10:58	2	Southwest	
3			4	2	1-26-23 8:15
5			6		

Revised Date 05/01/2020 Rev. 2020.1



4580309

Work Order Comments				
Program: UST/PS	PR	Brownfie	R	Sup
State of Project:				
Reporting: Level	Level	PST/U	TR	Le
Deliverables: EDD	ADaPT	Other:		

Additional Comments: Billing Code: EAROPEMTX

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 	2 	3 1/27/23 10:58	4 	5 Southwest	6 1-28-23 8:00
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30



Chain of Custody

Work Order No: _____

1580309

Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting:	Level ☐ Level ☐ PST/U ☐ TR ☐ Ld ☐
Deliverables:	EDD ☐ ADaP ☐ Other:

Project Name:	Sombrero 18 Federal Com TB		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	226530		☒ Routine ☐ Rush			Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500													None: NO DI Water: H ₂ O			
Project Location	Lea County, NM		Due Date:																Cool: Cool MeOH: Me			
Sampler's Name:	Ethan Sessums		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN			
PO #:					H ₂ SO ₄ : H ₂ NaOH: Na																	
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	HOLD													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:														Zn Acetate+NaOH: Zn						
Total Containers:	70	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-21	1/26/2023		x		comp	1	x	x	x													-21
CS-22	1/26/2023		x		comp	1	x	x	x													-22
CS-23	1/26/2023		x		comp	1	x	x	x													-23
CS-24	1/26/2023		x		comp	1	x	x	x													-24
SW-1	1/26/2023		x		comp	1	x	x	x													-25
SW-2	1/26/2023		x		comp	1	x	x	x													-26
SW-3	1/26/2023		x		comp	1	x	x	x													-27
SW-4	1/26/2023		x		comp	1	x	x	x													-28
SW-5	1/26/2023		x		comp	1	x	x	x													-29
SW-6	1/26/2023		x		comp	1	x	x	x													-30

Additional Comments:

Billing Code: EAROPENTX

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	1/27/23 10:58	3 <i>[Signature]</i>	4 <i>[Signature]</i>	1-28-23 8:15
5			6		

Revised Date 05/12/2020 Rev. 2020.1



Chain of Custody

Work Order No: _____

L1580309

Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting:	Level ☐ Level ☐ PST/U ☐ TR ☐ Ld ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: _____

Project Name:		Sombbrero 18 Federal Com TB		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes								
Project Number:		226530		☒ Routine ☐ Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												None: NO DI Water: H ₂ O							
Project Location		Lea County, NM		Due Date:																Cool: Cool MeOH: Me							
Sampler's Name:		Ethan Sessums		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																						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:												Zn Acetate+NaOH: Zn									
Total Containers:		70				Corrected Temperature:												NaOH+Ascorbic Acid: SAPC									
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-7		1/26/2023				x				comp		1		x x x												-31	
SW-8		1/26/2023				x				comp		1		x x x												-32	
SW-9		1/26/2023				x				comp		1		x x x												-33	
SW-10		1/26/2023				x				comp		1		x x x												-34	
SW-11		1/26/2023				x				comp		1		x x x												-35	
SW-12		1/26/2023				x				comp		1		x x x												-36	
SW-13		1/26/2023				x				comp		1		x x x												-37	
SW-14		1/26/2023				x				comp		1		x x x												-38	
SW-15		1/26/2023				x				comp		1		x x x												-39	
SW-16		1/26/2023				x				comp		1		x x x												-40	

Additional Comments: Billing Code: EAROPEMTX

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2	1/27/23 10:58	3	4	1-28-23 6:15
3			5		
5			6		

Revised Date 05/12/2020 Rev. 2020.1



Chain of Custody

Work Order No: _____

1580309

Page 1 of

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting:	Level ☐ Level ☐ PST/U ☐ TR ☐ L ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:		Sombrero 18 Federal Com TB		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		226530		☒ Routine ☐ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, NM		Due Date:																Cool: Cool MeOH: Me							
Sampler's Name:		Ethan Sessums		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				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:																Zn Acetate+NaOH: Zn							
Total Containers:		70		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-17		1/26/2023				x				comp		1		x x x												-41	
SW-18		1/26/2023				x				comp		1		x x x												-42	
SW-19		1/26/2023				x				comp		1		x x x												-43	
SW-20		1/26/2023				x				comp		1		x x x												-44	
SW-21		1/26/2023				x				comp		1		x x x												-45	
SW-22		1/26/2023				x				comp		1		x x x												-46	
SW-23		1/26/2023				x				comp		1		x x x												-47	
SW-24		1/26/2023				x				comp		1		x x x												-48	
SW-25		1/26/2023				x				comp		1		x x x												-49	
SW-26		1/26/2023				x				comp		1		x x x												-50	

Additional Comments: Billing Code: EAROPEM TX

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	1/27/23 10:58	2 <i>[Signature]</i>	<i>[Signature]</i>	
3					1-28-23 5:13
5			6		

Revised Date 05/01/2020 Rev. 2020.1



Chain of Custody

Work Order No:

U580309

Page 1 of

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting: Level	☐ Level ☐ PST/U ☐ TR ☐ Ld ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	226530	☒ Routine ☐ Rush		Pres. Code													None: NO	DI Water: H ₂ O		
Project Location	Lea County, NM	Due Date:		Parameters	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD									Cool: Cool	MeOH: Me		
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
																	H ₃ PO ₄ : HP			
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No													NaHSO ₄ : NABIS		
Received Intact:	Yes No	Thermometer ID:														Na ₂ S ₂ O ₃ : NaSO ₃				
Cooler Custody Seals:	Yes No N/A	Correction Factor:														Zn Acetate+NaOH: Zn				
Sample Custody Seals:	Yes No N/A	Temperature Reading:														NaOH+Ascorbic Acid: SAPC				
Total Containers:	70	Corrected Temperature:														Sample Comments				
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont														
SW-27	1/26/2023		x		comp	1	x	x	x									-51		
SW-28	1/26/2023		x		comp	1	x	x	x									-52		
SW-29	1/26/2023		x		comp	1	x	x	x									-53		
SW-30	1/26/2023		x		comp	1	x	x	x									-54		
SW-31	1/26/2023		x		comp	1	x	x	x									-55		
SW-32	1/26/2023		x		comp	1	x	x	x									-56		
SW-33	1/26/2023		x		comp	1	x	x	x									-57		
SW-34	1/26/2023		x		comp	1	x	x	x									-58		
SW-35	1/26/2023		x		comp	1	x	x	x									-59		
SW-36	1/26/2023		x		comp	1	x	x	x									-60		

Additional Comments:

Billing Code: EAROPENTX

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2	1/27/23 10:59	3	4	1-25-23 8:15
5			6		

Revised Date 05/01/2020 Rev. 2020.1



Chain of Custody

Work Order No: _____

4580309

Page 1 of

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting:	Level ☐ Level ☐ PST/U ☐ TR ☐ La ☐
Deliverables:	EDD ☐ ADaP ☐ Other:

Project Name:		Sombbrero 18 Federal Com TB		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		226530		☒ Routine ☐ Rush																None: NO DI Water: H ₂ O							
Project Location		Lea County, NM		Due Date:																Cool: Cool MeOH: Me							
Sampler's Name:		Ethan Sessums		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500		HOLD												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:				Zn Acetate+NaOH: Zn																			
Total Containers:		70		Corrected Temperature:				NaOH+Ascorbic Acid: SAPC																			
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-37		1/26/2023				x				comp		1		x x x												-61	
SW-38		1/26/2023				x				comp		1		x x x												-62	
SW-39		1/26/2023				x				comp		1		x x x												-63	
SW-40		1/26/2023				x				comp		1		x x x												-64	
SW-41		1/26/2023				x				comp		1		x x x												-65	
SW-42		1/26/2023				x				comp		1		x x x												-66	
SW-43		1/26/2023				x				comp		1		x x x												-67	
SW-44		1/26/2023				x				comp		1		x x x												-68	
SW-45		1/26/2023				x				comp		1		x x x												-69	
SW-46		1/26/2023				x				comp		1		x x x												-70	

Additional Comments: Billing Code: EAROPENTX

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	1/27/23 10:58	<i>[Signature]</i>	<i>[Signature]</i>	1-25-23 9:15
3			4		
5			6		

L1580309

<u>Tracking Numbers</u>	<u>Temperature</u>
	NFAG 7.9 to 23.8
	GBAG 0.8 to 20.8
	GDAG 1.8 to 21.8



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 3/10/2023 7:23:18 AM

JOB DESCRIPTION

Sombrero 18 Federal Com TB
SDG NUMBER 226530

JOB NUMBER

890-4238-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
3/10/2023 7:23:18 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Laboratory Job ID: 890-4238-1
SDG: 226530

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Definitions/Glossary

Client: NT Global

Job ID: 890-4238-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Job ID: 890-4238-1

Laboratory: Eurofins Carlsbad

Narrative	
	Job Narrative 890-4238-1

Receipt

The samples were received on 3/6/2023 12:48 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-3A (0-3) (890-4238-1), SW-10A (0-3.5) (890-4238-2), SW-38A (0-5) (890-4238-3) and SW-39A (0-5) (890-4238-4).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Client Sample ID: SW-3A (0-3)

Lab Sample ID: 890-4238-1

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/09/23 10:01	03/09/23 17:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/09/23 10:01	03/09/23 17:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/09/23 10:01	03/09/23 17:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/09/23 10:01	03/09/23 17:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/09/23 10:01	03/09/23 17:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/09/23 10:01	03/09/23 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	03/09/23 10:01	03/09/23 17:32	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/09/23 10:01	03/09/23 17:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/10/23 08:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/08/23 15:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/06/23 16:54	03/07/23 14:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/06/23 16:54	03/07/23 14:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/06/23 16:54	03/07/23 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	03/06/23 16:54	03/07/23 14:29	1
o-Terphenyl	114		70 - 130	03/06/23 16:54	03/07/23 14:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.2		5.05		mg/Kg			03/07/23 14:49	1

Client Sample ID: SW-10A (0-3.5)

Lab Sample ID: 890-4238-2

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/09/23 10:01	03/09/23 19:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/23 10:01	03/09/23 19:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/23 10:01	03/09/23 19:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/23 10:01	03/09/23 19:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/23 10:01	03/09/23 19:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/23 10:01	03/09/23 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	03/09/23 10:01	03/09/23 19:14	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/09/23 10:01	03/09/23 19:14	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Client Sample ID: SW-10A (0-3.5)

Lab Sample ID: 890-4238-2

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/10/23 08:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/08/23 15:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 14:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 14:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				03/06/23 16:54	03/07/23 14:50	1
o-Terphenyl	98		70 - 130				03/06/23 16:54	03/07/23 14:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.4		4.95		mg/Kg			03/07/23 14:56	1

Client Sample ID: SW-38A (0-5)

Lab Sample ID: 890-4238-3

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/23 10:01	03/09/23 19:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/23 10:01	03/09/23 19:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/23 10:01	03/09/23 19:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/23 10:01	03/09/23 19:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/23 10:01	03/09/23 19:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/23 10:01	03/09/23 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				03/09/23 10:01	03/09/23 19:34	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/09/23 10:01	03/09/23 19:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/10/23 08:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/08/23 15:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 15:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 15:13	1

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Client Sample Results

Client: NT Global

Job ID: 890-4238-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: SW-38A (0-5)

Lab Sample ID: 890-4238-3

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/06/23 16:54	03/07/23 15:13	1
o-Terphenyl	104		70 - 130				03/06/23 16:54	03/07/23 15:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.00		mg/Kg			03/07/23 15:14	1

Client Sample ID: SW-39A (0-5)

Lab Sample ID: 890-4238-4

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/09/23 10:01	03/09/23 19:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/09/23 10:01	03/09/23 19:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/09/23 10:01	03/09/23 19:54	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/09/23 10:01	03/09/23 19:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/09/23 10:01	03/09/23 19:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/09/23 10:01	03/09/23 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				03/09/23 10:01	03/09/23 19:54	1
1,4-Difluorobenzene (Surr)	103		70 - 130				03/09/23 10:01	03/09/23 19:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/10/23 08:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/08/23 15:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 16:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 16:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/06/23 16:54	03/07/23 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				03/06/23 16:54	03/07/23 16:03	1
o-Terphenyl	99		70 - 130				03/06/23 16:54	03/07/23 16:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	251		4.98		mg/Kg			03/07/23 15:20	1

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Surrogate Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-4238-1	SW-3A (0-3)	115	103
890-4238-1 MS	SW-3A (0-3)	118	108
890-4238-1 MSD	SW-3A (0-3)	126	106
890-4238-2	SW-10A (0-3.5)	120	107
890-4238-3	SW-38A (0-5)	124	107
890-4238-4	SW-39A (0-5)	119	103
LCS 880-48191/1-A	Lab Control Sample	115	106
LCSD 880-48191/2-A	Lab Control Sample Dup	118	112
MB 880-48191/5-A	Method Blank	104	103
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-4229-A-81-C MS	Matrix Spike	93	90
890-4229-A-81-D MSD	Matrix Spike Duplicate	94	88
890-4238-1	SW-3A (0-3)	115	114
890-4238-2	SW-10A (0-3.5)	95	98
890-4238-3	SW-38A (0-5)	102	104
890-4238-4	SW-39A (0-5)	95	99
LCS 880-47967/2-A	Lab Control Sample	110	108
LCSD 880-47967/3-A	Lab Control Sample Dup	110	108
MB 880-47967/1-A	Method Blank	132 S1+	136 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global

Job ID: 890-4238-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-48191/5-A

Matrix: Solid

Analysis Batch: 48223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/23 10:01	03/09/23 17:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/23 10:01	03/09/23 17:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/23 10:01	03/09/23 17:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/23 10:01	03/09/23 17:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/23 10:01	03/09/23 17:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/23 10:01	03/09/23 17:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/09/23 10:01	03/09/23 17:03	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/09/23 10:01	03/09/23 17:03	1

Lab Sample ID: LCS 880-48191/1-A

Matrix: Solid

Analysis Batch: 48223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1087		mg/Kg		109	70 - 130
Toluene	0.100	0.1065		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1112		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2391		mg/Kg		120	70 - 130
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-48191/2-A

Matrix: Solid

Analysis Batch: 48223

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1081		mg/Kg		108	70 - 130	1	35
Toluene	0.100	0.1053		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.1085		mg/Kg		109	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2331		mg/Kg		117	70 - 130	3	35
o-Xylene	0.100	0.1119		mg/Kg		112	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 890-4238-1 MS

Matrix: Solid

Analysis Batch: 48223

Client Sample ID: SW-3A (0-3)

Prep Type: Total/NA

Prep Batch: 48191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08720		mg/Kg		87	70 - 130
Toluene	<0.00201	U	0.100	0.08696		mg/Kg		86	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-4238-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-4238-1 MS

Client Sample ID: SW-3A (0-3)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 48223

Prep Batch: 48191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.09378		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1984		mg/Kg		99	70 - 130
o-Xylene	<0.00201	U	0.100	0.09873		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-4238-1 MSD

Client Sample ID: SW-3A (0-3)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 48223

Prep Batch: 48191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09503		mg/Kg		96	70 - 130	9	35
Toluene	<0.00201	U	0.0990	0.09631		mg/Kg		97	70 - 130	10	35
Ethylbenzene	<0.00201	U	0.0990	0.1056		mg/Kg		107	70 - 130	12	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2238		mg/Kg		113	70 - 130	12	35
o-Xylene	<0.00201	U	0.0990	0.1091		mg/Kg		110	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-47967/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 47987

Prep Batch: 47967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/06/23 16:54	03/07/23 08:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/06/23 16:54	03/07/23 08:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/06/23 16:54	03/07/23 08:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	03/06/23 16:54	03/07/23 08:13	1
o-Terphenyl	136	S1+	70 - 130	03/06/23 16:54	03/07/23 08:13	1

Lab Sample ID: LCS 880-47967/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 47987

Prep Batch: 47967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	999	823.9		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	999	825.7		mg/Kg		83	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-47967/2-A
Matrix: Solid
Analysis Batch: 47987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47967

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-47967/3-A
Matrix: Solid
Analysis Batch: 47987

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 47967

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			999	703.4		mg/Kg		70	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			999	827.5		mg/Kg		83	70 - 130	0	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	110										
o-Terphenyl	108										

Lab Sample ID: 890-4229-A-81-C MS
Matrix: Solid
Analysis Batch: 47987

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 47967

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1027		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	964.4		mg/Kg		97	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	93										
o-Terphenyl	90										

Lab Sample ID: 890-4229-A-81-D MSD
Matrix: Solid
Analysis Batch: 47987

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 47967

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1064		mg/Kg		106	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	952.1		mg/Kg		95	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	94										
o-Terphenyl	88										

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-48016/1-A

Matrix: Solid

Analysis Batch: 48019

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/07/23 14:00	1

Lab Sample ID: LCS 880-48016/2-A

Matrix: Solid

Analysis Batch: 48019

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.4		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-48016/3-A

Matrix: Solid

Analysis Batch: 48019

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.6		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-4237-A-1-D MS

Matrix: Solid

Analysis Batch: 48019

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	69.0		252	316.8		mg/Kg		98	90 - 110

Lab Sample ID: 890-4237-A-1-E MSD

Matrix: Solid

Analysis Batch: 48019

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	69.0		252	318.5		mg/Kg		99	90 - 110	1	20

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QC Association Summary

Client: NT Global

Job ID: 890-4238-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

GC VOA

Prep Batch: 48191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4238-1	SW-3A (0-3)	Total/NA	Solid	5035	
890-4238-2	SW-10A (0-3.5)	Total/NA	Solid	5035	
890-4238-3	SW-38A (0-5)	Total/NA	Solid	5035	
890-4238-4	SW-39A (0-5)	Total/NA	Solid	5035	
MB 880-48191/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-48191/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-48191/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4238-1 MS	SW-3A (0-3)	Total/NA	Solid	5035	
890-4238-1 MSD	SW-3A (0-3)	Total/NA	Solid	5035	

Analysis Batch: 48223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4238-1	SW-3A (0-3)	Total/NA	Solid	8021B	48191
890-4238-2	SW-10A (0-3.5)	Total/NA	Solid	8021B	48191
890-4238-3	SW-38A (0-5)	Total/NA	Solid	8021B	48191
890-4238-4	SW-39A (0-5)	Total/NA	Solid	8021B	48191
MB 880-48191/5-A	Method Blank	Total/NA	Solid	8021B	48191
LCS 880-48191/1-A	Lab Control Sample	Total/NA	Solid	8021B	48191
LCSD 880-48191/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	48191
890-4238-1 MS	SW-3A (0-3)	Total/NA	Solid	8021B	48191
890-4238-1 MSD	SW-3A (0-3)	Total/NA	Solid	8021B	48191

Analysis Batch: 48280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4238-1	SW-3A (0-3)	Total/NA	Solid	Total BTEX	
890-4238-2	SW-10A (0-3.5)	Total/NA	Solid	Total BTEX	
890-4238-3	SW-38A (0-5)	Total/NA	Solid	Total BTEX	
890-4238-4	SW-39A (0-5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 47967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4238-1	SW-3A (0-3)	Total/NA	Solid	8015NM Prep	
890-4238-2	SW-10A (0-3.5)	Total/NA	Solid	8015NM Prep	
890-4238-3	SW-38A (0-5)	Total/NA	Solid	8015NM Prep	
890-4238-4	SW-39A (0-5)	Total/NA	Solid	8015NM Prep	
MB 880-47967/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-47967/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-47967/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4229-A-81-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4229-A-81-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 47987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4238-1	SW-3A (0-3)	Total/NA	Solid	8015B NM	47967
890-4238-2	SW-10A (0-3.5)	Total/NA	Solid	8015B NM	47967
890-4238-3	SW-38A (0-5)	Total/NA	Solid	8015B NM	47967
890-4238-4	SW-39A (0-5)	Total/NA	Solid	8015B NM	47967
MB 880-47967/1-A	Method Blank	Total/NA	Solid	8015B NM	47967
LCS 880-47967/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	47967

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

GC Semi VOA (Continued)

Analysis Batch: 47987 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-47967/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	47967
890-4229-A-81-C MS	Matrix Spike	Total/NA	Solid	8015B NM	47967
890-4229-A-81-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	47967

Analysis Batch: 48142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4238-1	SW-3A (0-3)	Total/NA	Solid	8015 NM	
890-4238-2	SW-10A (0-3.5)	Total/NA	Solid	8015 NM	
890-4238-3	SW-38A (0-5)	Total/NA	Solid	8015 NM	
890-4238-4	SW-39A (0-5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 48016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4238-1	SW-3A (0-3)	Soluble	Solid	DI Leach	
890-4238-2	SW-10A (0-3.5)	Soluble	Solid	DI Leach	
890-4238-3	SW-38A (0-5)	Soluble	Solid	DI Leach	
890-4238-4	SW-39A (0-5)	Soluble	Solid	DI Leach	
MB 880-48016/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48016/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48016/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4237-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-4237-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 48019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4238-1	SW-3A (0-3)	Soluble	Solid	300.0	48016
890-4238-2	SW-10A (0-3.5)	Soluble	Solid	300.0	48016
890-4238-3	SW-38A (0-5)	Soluble	Solid	300.0	48016
890-4238-4	SW-39A (0-5)	Soluble	Solid	300.0	48016
MB 880-48016/1-A	Method Blank	Soluble	Solid	300.0	48016
LCS 880-48016/2-A	Lab Control Sample	Soluble	Solid	300.0	48016
LCSD 880-48016/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48016
890-4237-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	48016
890-4237-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	48016

Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Client Sample ID: SW-3A (0-3)

Lab Sample ID: 890-4238-1

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	48191	03/09/23 10:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48223	03/09/23 17:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			48280	03/10/23 08:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48142	03/08/23 15:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47967	03/06/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47987	03/07/23 14:29	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	48016	03/07/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1			48019	03/07/23 14:49	SMC	EET MID

Client Sample ID: SW-10A (0-3.5)

Lab Sample ID: 890-4238-2

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	48191	03/09/23 10:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48223	03/09/23 19:14	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			48280	03/10/23 08:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48142	03/08/23 15:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47967	03/06/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47987	03/07/23 14:50	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48016	03/07/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1			48019	03/07/23 14:56	SMC	EET MID

Client Sample ID: SW-38A (0-5)

Lab Sample ID: 890-4238-3

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	48191	03/09/23 10:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48223	03/09/23 19:34	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			48280	03/10/23 08:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48142	03/08/23 15:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47967	03/06/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47987	03/07/23 15:13	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48016	03/07/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1			48019	03/07/23 15:14	SMC	EET MID

Client Sample ID: SW-39A (0-5)

Lab Sample ID: 890-4238-4

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/06/23 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	48191	03/09/23 10:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48223	03/09/23 19:54	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			48280	03/10/23 08:07	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Client Sample ID: SW-39A (0-5)
Date Collected: 03/06/23 00:00
Date Received: 03/06/23 12:48

Lab Sample ID: 890-4238-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			48142	03/08/23 15:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47967	03/06/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47987	03/07/23 16:03	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	48016	03/07/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1			48019	03/07/23 15:20	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
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Method Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4238-1
SDG: 226530

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4238-1	SW-3A (0-3)	Solid	03/06/23 00:00	03/06/23 12:48
890-4238-2	SW-10A (0-3.5)	Solid	03/06/23 00:00	03/06/23 12:48
890-4238-3	SW-38A (0-5)	Solid	03/06/23 00:00	03/06/23 12:48
890-4238-4	SW-39A (0-5)	Solid	03/06/23 00:00	03/06/23 12:48

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Chain of Custody

Work Order No: _____

Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting:	Level ☐ Level ☐ PST/U ☐ TR ☐ L ☐
Deliverables:	EDD ☐ ADaP ☐ Other:

Project Name:		Sombrero 18 Federal Com TB		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		226530		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Lea County, NM		Due Date:		24 hr												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 #:																		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:		TIN-807												NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:		-0.2												Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		4.2												Zn Acetate+NaOH: Zn							
Total Containers:		4		Corrected Temperature:		4.0												NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
SW-3A (0-3)		3/6/2023				x				comp		1													
SW-10A (0-3.5)		3/6/2023				x				comp		1													
SW-38A (0-5)		3/6/2023				x				comp		1													
SW-39A (0-5)		3/6/2023				x				comp		1													

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>	<i>[Signature]</i>	3-6-23 1248			
3					
5					

Revised Date 05/01/2020 Rev. 2020.1

1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

3/10/2023

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Released to Imaging: 7/7/2023 2:03:01 PM

[illegible]

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4238-1

SDG Number: 226530

Login Number: 4238

List Number: 1

Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4238-1

SDG Number: 226530

Login Number: 4238

List Number: 2

Creator: Teel, Brianna

List Source: Eurofins Midland

List Creation: 03/07/23 11:18 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 3/23/2023 4:07:51 PM

JOB DESCRIPTION

Sombrero 18 Fed Com TB
SDG NUMBER Lea County NM

JOB NUMBER

890-4264-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
3/23/2023 4:07:51 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Laboratory Job ID: 890-4264-1
SDG: Lea County NM

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Definitions/Glossary

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Job ID: 890-4264-1

Laboratory: Eurofins Carlsbad

Narrative

**Job Narrative
890-4264-1**

Receipt

The sample was received on 3/9/2023 12:56 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°C

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: SW 1A (0-5') (890-4264-1).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW 1A (0-5') (890-4264-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-48252 and analytical batch 880-48274 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-48252 and analytical batch 880-48274 contained Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-48252 and analytical batch 880-48274 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-48304 and 880-48304 and analytical batch 880-48312 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The associated samples are: SW 1A (0-5') (890-4264-1), (890-4261-A-21-B) and (890-4261-A-21-D MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Client Sample ID: SW 1A (0-5')

Lab Sample ID: 890-4264-1

Date Collected: 03/09/23 00:00

Matrix: Solid

Date Received: 03/09/23 12:56

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/17/23 16:27	03/21/23 22:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/17/23 16:27	03/21/23 22:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/17/23 16:27	03/21/23 22:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/17/23 16:27	03/21/23 22:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/17/23 16:27	03/21/23 22:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/17/23 16:27	03/21/23 22:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	03/17/23 16:27	03/21/23 22:02	1
1,4-Difluorobenzene (Surr)	84		70 - 130	03/17/23 16:27	03/21/23 22:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/23/23 16:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/13/23 16:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/09/23 15:59	03/10/23 13:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/23 15:59	03/10/23 13:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/23 15:59	03/10/23 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	03/09/23 15:59	03/10/23 13:32	1
o-Terphenyl	104		70 - 130	03/09/23 15:59	03/10/23 13:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.00		mg/Kg			03/10/23 15:33	1

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Surrogate Summary

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-25796-A-1-G MS	Matrix Spike	130	90
880-25796-A-1-H MSD	Matrix Spike Duplicate	138 S1+	106
890-4264-1	SW 1A (0-5')	141 S1+	84
LCS 880-48858/1-A	Lab Control Sample	143 S1+	81
LCSD 880-48858/2-A	Lab Control Sample Dup	129	70
MB 880-48858/5-A	Method Blank	86	81
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-4249-A-61-B MS	Matrix Spike	115	112
890-4249-A-61-C MSD	Matrix Spike Duplicate	111	107
890-4264-1	SW 1A (0-5')	92	104
LCS 880-48252/2-A	Lab Control Sample	87	98
LCSD 880-48252/3-A	Lab Control Sample Dup	87	98
MB 880-48252/1-A	Method Blank	117	132 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-48858/5-A

Matrix: Solid

Analysis Batch: 49076

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/23 16:27	03/21/23 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/23 16:27	03/21/23 12:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/23 16:27	03/21/23 12:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/23 16:27	03/21/23 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/23 16:27	03/21/23 12:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/23 16:27	03/21/23 12:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	03/17/23 16:27	03/21/23 12:20	1
1,4-Difluorobenzene (Surr)	81		70 - 130	03/17/23 16:27	03/21/23 12:20	1

Lab Sample ID: LCS 880-48858/1-A

Matrix: Solid

Analysis Batch: 49076

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09172		mg/Kg		92	70 - 130
Toluene	0.100	0.08824		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09774		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130
o-Xylene	0.100	0.09769		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-48858/2-A

Matrix: Solid

Analysis Batch: 49076

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48858

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08345		mg/Kg		83	70 - 130	9	35
Toluene	0.100	0.08168		mg/Kg		82	70 - 130	8	35
Ethylbenzene	0.100	0.08931		mg/Kg		89	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1857		mg/Kg		93	70 - 130	9	35
o-Xylene	0.100	0.09071		mg/Kg		91	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	70		70 - 130

Lab Sample ID: 880-25796-A-1-G MS

Matrix: Solid

Analysis Batch: 49076

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 48858

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.09804		mg/Kg		98	70 - 130
Toluene	<0.00201	U	0.0998	0.08386		mg/Kg		84	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-25796-A-1-G MS

Matrix: Solid

Analysis Batch: 49076

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 48858

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0998	0.08837		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1838		mg/Kg		91	70 - 130
o-Xylene	<0.00201	U	0.0998	0.08632		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-25796-A-1-H MSD

Matrix: Solid

Analysis Batch: 49076

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 48858

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.1027		mg/Kg		104	70 - 130	5	35
Toluene	<0.00201	U	0.0990	0.08356		mg/Kg		84	70 - 130	0	35
Ethylbenzene	<0.00201	U	0.0990	0.08540		mg/Kg		86	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1784		mg/Kg		89	70 - 130	3	35
o-Xylene	<0.00201	U	0.0990	0.08445		mg/Kg		85	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-48252/1-A

Matrix: Solid

Analysis Batch: 48274

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48252

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/09/23 15:58	03/10/23 08:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/23 15:58	03/10/23 08:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/23 15:58	03/10/23 08:23	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	03/09/23 15:58	03/10/23 08:23	1
o-Terphenyl	132	S1+	70 - 130	03/09/23 15:58	03/10/23 08:23	1

Lab Sample ID: LCS 880-48252/2-A

Matrix: Solid

Analysis Batch: 48274

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48252

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1046		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	771.2		mg/Kg		77	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-48252/2-A
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48252

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-48252/3-A
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48252

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1029		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	756.2		mg/Kg		76	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 890-4249-A-61-B MS
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 48252

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	168		1000	1162		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	2110	F1	1000	2544	F1	mg/Kg		44	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: 890-4249-A-61-C MSD
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 48252

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	168		1000	1139		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	2110	F1	1000	2356	F1	mg/Kg		25	70 - 130	8	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	107		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-48304/1-A

Matrix: Solid

Analysis Batch: 48312

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/10/23 14:35	1

Lab Sample ID: LCS 880-48304/2-A

Matrix: Solid

Analysis Batch: 48312

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.6		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-48304/3-A

Matrix: Solid

Analysis Batch: 48312

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	271.3		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 890-4261-A-21-C MS

Matrix: Solid

Analysis Batch: 48312

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1320	F1	1260	2525		mg/Kg		96	90 - 110

Lab Sample ID: 890-4261-A-21-D MSD

Matrix: Solid

Analysis Batch: 48312

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1320	F1	1260	2995	F1	mg/Kg		133	90 - 110	17	20

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

GC VOA

Prep Batch: 48858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4264-1	SW 1A (0-5')	Total/NA	Solid	5035	
MB 880-48858/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-48858/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-48858/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25796-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-25796-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 49076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4264-1	SW 1A (0-5')	Total/NA	Solid	8021B	48858
MB 880-48858/5-A	Method Blank	Total/NA	Solid	8021B	48858
LCS 880-48858/1-A	Lab Control Sample	Total/NA	Solid	8021B	48858
LCSD 880-48858/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	48858
880-25796-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	48858
880-25796-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	48858

Analysis Batch: 49346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4264-1	SW 1A (0-5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 48252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4264-1	SW 1A (0-5')	Total/NA	Solid	8015NM Prep	
MB 880-48252/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48252/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48252/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4249-A-61-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4249-A-61-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 48274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4264-1	SW 1A (0-5')	Total/NA	Solid	8015B NM	48252
MB 880-48252/1-A	Method Blank	Total/NA	Solid	8015B NM	48252
LCS 880-48252/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48252
LCSD 880-48252/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48252
890-4249-A-61-B MS	Matrix Spike	Total/NA	Solid	8015B NM	48252
890-4249-A-61-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	48252

Analysis Batch: 48528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4264-1	SW 1A (0-5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 48304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4264-1	SW 1A (0-5')	Soluble	Solid	DI Leach	
MB 880-48304/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48304/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48304/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 48304 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4261-A-21-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-4261-A-21-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 48312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4264-1	SW 1A (0-5')	Soluble	Solid	300.0	48304
MB 880-48304/1-A	Method Blank	Soluble	Solid	300.0	48304
LCS 880-48304/2-A	Lab Control Sample	Soluble	Solid	300.0	48304
LCSD 880-48304/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48304
890-4261-A-21-C MS	Matrix Spike	Soluble	Solid	300.0	48304
890-4261-A-21-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	48304

Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Client Sample ID: SW 1A (0-5')
Date Collected: 03/09/23 00:00
Date Received: 03/09/23 12:56

Lab Sample ID: 890-4264-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	48858	03/17/23 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49076	03/21/23 22:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49346	03/23/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			48528	03/13/23 16:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	48252	03/09/23 15:59	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48274	03/10/23 13:32	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48304	03/10/23 10:27	KS	EET MID
Soluble	Analysis	300.0		1			48312	03/10/23 15:33	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global

Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1

SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global
Project/Site: Sombrero 18 Fed Com TB

Job ID: 890-4264-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4264-1	SW 1A (0-5')	Solid	03/09/23 00:00	03/09/23 12:56

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	201 Tradewinds Blvd.	Address:	600 N. Marion Field, Suite 100
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1418	Email:	cmartin@earthstoneenergy.com

Work Order Comments				
Program:	UST/PST ☐	PRP ☐	Brownfields ☐	RRC ☐ Superfund ☐
State of Project:				
Reporting:	Level II ☐	Level III ☐	PST/UST ☐	TRRP ☐ Level IV ☐
Deliverables:	EDD ☐	ADaPT ☐	Other:	

[illegible]

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010 :	8RCRA	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U			Hg: 1631 / 245.1 / 7470 / 7471								

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins 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	Kenny Huan	Cloe Cyp	3.9.23 1256			
3						
5						

Revised Date 08/25/2020 Rev 2020.2

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4264-1

SDG Number: Lea County NM

Login Number: 4264

List Number: 1

Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	Refer to job narrative
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4264-1

SDG Number: Lea County NM

Login Number: 4264

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 03/10/23 10:53 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



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ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell

NT Global

701 Tradewinds Blvd

Midland, Texas 79706

Generated 3/27/2023 9:54:11 AM

JOB DESCRIPTION

Sombrero 18 Federal Com TB

SDG NUMBER 226530

JOB NUMBER

890-4308-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
3/27/2023 9:54:11 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Laboratory Job ID: 890-4308-1
SDG: 226530

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Definitions/Glossary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Carlsbad

Case Narrative

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Job ID: 890-4308-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-4308-1

Receipt

The samples were received on 3/14/2023 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS- 25 (1) (890-4308-1), CS- 26 (1) (890-4308-2), CS- 27 (1) (890-4308-3), CS- 28 (1-3) (890-4308-4), CS- 29 (1-3) (890-4308-5), CS- 30 (1-3) (890-4308-6), CS- 31 (1-3) (890-4308-7), CS- 32 (1-3) (890-4308-8), CS- 33 (1-3) (890-4308-9), CS- 34 (1-3) (890-4308-10), CS- 35 (1-3) (890-4308-11), CS- 36 (1-3) (890-4308-12), CS- 37 (1-3) (890-4308-13), CS- 38 (1-3) (890-4308-14), CS- 39 (1-3) (890-4308-15), CS- 40 (1-3) (890-4308-16), CS- 41 (1-3) (890-4308-17), CS- 42 (1-3) (890-4308-18), CS- 43 (1-3) (890-4308-19), CS- 44 (1-3) (890-4308-20), CS- 45 (1-3) (890-4308-21), CS- 46 (1-3) (890-4308-22), CS- 47 (1-3) (890-4308-23), CS- 48 (1-3) (890-4308-24), CS- 49 (1-3) (890-4308-25), CS- 50 (1-3) (890-4308-26), CS- 51 (1-3) (890-4308-27), CS- 52 (1-3) (890-4308-28), CS- 53 (1-3) (890-4308-29), CS- 54 (1-3) (890-4308-30), CS- 55 (3) (890-4308-31), CS- 56 (3) (890-4308-32), CS-57 (4) (890-4308-33), SW- 47 (0-1) (890-4308-34), SW- 48 (1-2) (890-4308-35), SW- 49 (0-3) (890-4308-36), SW- 50 (0-3) (890-4308-37), SW- 51 (0-3) (890-4308-38), SW- 52 (0-3) (890-4308-39), SW- 53 (2-3) (890-4308-40), SW-54 (3-4) (890-4308-41) and SW-28A (0-3.5) (890-4308-42).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS- 25 (1) (890-4308-1), CS- 26 (1) (890-4308-2), CS- 27 (1) (890-4308-3), CS- 28 (1-3) (890-4308-4), (LCS 880-49338/1-A), (LCSD 880-49338/2-A), (890-4308-A-1-G MS) and (890-4308-A-1-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-4308-A-41-F MS). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-49339 and analytical batch 880-49531 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS- 47 (1-3) (890-4308-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-48884 and analytical batch 880-48908 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-48884/2-A) and (LCSD 880-48884/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-48884 and analytical batch 880-48908 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-48880 and analytical batch 880-48874 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-48880/2-A) and (LCSD

Case Narrative

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
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Job ID: 890-4308-1 (Continued)**Laboratory: Eurofins Carlsbad (Continued)**

880-48880/3-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-48965 and 880-48965 and analytical batch 880-49411 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The associated samples are: CS- 35 (1-3) (890-4308-11), CS- 36 (1-3) (890-4308-12), CS- 37 (1-3) (890-4308-13), CS- 38 (1-3) (890-4308-14), CS- 39 (1-3) (890-4308-15), CS- 40 (1-3) (890-4308-16), CS- 41 (1-3) (890-4308-17), CS- 42 (1-3) (890-4308-18), CS- 43 (1-3) (890-4308-19), CS- 44 (1-3) (890-4308-20) and (890-4308-A-11-C MS).

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-48963 and analytical batch 880-49413 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The associated samples are: CS- 55 (3) (890-4308-31), CS- 56 (3) (890-4308-32), CS-57 (4) (890-4308-33), SW- 47 (0-1) (890-4308-34), SW- 48 (1-2) (890-4308-35), SW- 49 (0-3) (890-4308-36), SW- 50 (0-3) (890-4308-37), SW- 51 (0-3) (890-4308-38), SW- 52 (0-3) (890-4308-39), SW- 53 (2-3) (890-4308-40), (890-4308-A-31-D MS) and (890-4308-A-31-E MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 25 (1)

Lab Sample ID: 890-4308-1

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:08	03/26/23 07:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:08	03/26/23 07:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:08	03/26/23 07:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/23/23 15:08	03/26/23 07:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:08	03/26/23 07:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/23/23 15:08	03/26/23 07:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	214	S1+	70 - 130	03/23/23 15:08	03/26/23 07:25	1
1,4-Difluorobenzene (Surr)	84		70 - 130	03/23/23 15:08	03/26/23 07:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/27/23 10:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/18/23 21:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/18/23 21:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/18/23 21:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	03/18/23 09:36	03/18/23 21:34	1
o-Terphenyl	102		70 - 130	03/18/23 09:36	03/18/23 21:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	441		4.96		mg/Kg			03/23/23 02:57	1

Client Sample ID: CS- 26 (1)

Lab Sample ID: 890-4308-2

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:08	03/26/23 07:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:08	03/26/23 07:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:08	03/26/23 07:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/23/23 15:08	03/26/23 07:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:08	03/26/23 07:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/23/23 15:08	03/26/23 07:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	202	S1+	70 - 130	03/23/23 15:08	03/26/23 07:52	1
1,4-Difluorobenzene (Surr)	76		70 - 130	03/23/23 15:08	03/26/23 07:52	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 26 (1)

Lab Sample ID: 890-4308-2

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/27/23 10:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.3		50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/18/23 22:38	1
Diesel Range Organics (Over C10-C28)	50.3	*1	50.0		mg/Kg		03/18/23 09:36	03/18/23 22:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/18/23 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				03/18/23 09:36	03/18/23 22:38	1
o-Terphenyl	91		70 - 130				03/18/23 09:36	03/18/23 22:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	514		4.96		mg/Kg			03/23/23 03:12	1

Client Sample ID: CS- 27 (1)

Lab Sample ID: 890-4308-3

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:08	03/26/23 08:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:08	03/26/23 08:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:08	03/26/23 08:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:08	03/26/23 08:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:08	03/26/23 08:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:08	03/26/23 08:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	206	S1+	70 - 130				03/23/23 15:08	03/26/23 08:18	1
1,4-Difluorobenzene (Surr)	76		70 - 130				03/23/23 15:08	03/26/23 08:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/18/23 22:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/18/23 22:59	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 27 (1)

Lab Sample ID: 890-4308-3

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/18/23 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				03/18/23 09:36	03/18/23 22:59	1
o-Terphenyl	95		70 - 130				03/18/23 09:36	03/18/23 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	372		4.99		mg/Kg			03/23/23 03:16	1

Client Sample ID: CS- 28 (1-3)

Lab Sample ID: 890-4308-4

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:08	03/26/23 08:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:08	03/26/23 08:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:08	03/26/23 08:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:08	03/26/23 08:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:08	03/26/23 08:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:08	03/26/23 08:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	S1+	70 - 130				03/23/23 15:08	03/26/23 08:45	1
1,4-Difluorobenzene (Surr)	74		70 - 130				03/23/23 15:08	03/26/23 08:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/18/23 23:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/18/23 23:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/18/23 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				03/18/23 09:36	03/18/23 23:20	1
o-Terphenyl	115		70 - 130				03/18/23 09:36	03/18/23 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	509		5.02		mg/Kg			03/23/23 03:21	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 29 (1-3)

Lab Sample ID: 890-4308-5

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 00:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/26/23 17:10	03/27/23 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 00:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/26/23 17:10	03/27/23 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/26/23 17:10	03/27/23 00:15	1
1,4-Difluorobenzene (Surr)	83		70 - 130	03/26/23 17:10	03/27/23 00:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/18/23 23:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/18/23 23:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/18/23 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	03/18/23 09:36	03/18/23 23:42	1
o-Terphenyl	94		70 - 130	03/18/23 09:36	03/18/23 23:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.1		4.98		mg/Kg			03/23/23 03:26	1

Client Sample ID: CS- 30 (1-3)

Lab Sample ID: 890-4308-6

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 00:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 00:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 00:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/26/23 17:10	03/27/23 00:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 00:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/26/23 17:10	03/27/23 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/26/23 17:10	03/27/23 00:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/26/23 17:10	03/27/23 00:36	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 30 (1-3)

Lab Sample ID: 890-4308-6

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 00:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/18/23 09:36	03/19/23 00:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				03/18/23 09:36	03/19/23 00:03	1
o-Terphenyl	92		70 - 130				03/18/23 09:36	03/19/23 00:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.1		4.96		mg/Kg			03/23/23 03:41	1

Client Sample ID: CS- 31 (1-3)

Lab Sample ID: 890-4308-7

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/26/23 17:10	03/27/23 00:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/26/23 17:10	03/27/23 00:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/26/23 17:10	03/27/23 00:57	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/26/23 17:10	03/27/23 00:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/26/23 17:10	03/27/23 00:57	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/26/23 17:10	03/27/23 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/26/23 17:10	03/27/23 00:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130				03/26/23 17:10	03/27/23 00:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/18/23 09:36	03/19/23 00:24	1

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Client Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 31 (1-3)

Lab Sample ID: 890-4308-7

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				03/18/23 09:36	03/19/23 00:24	1
o-Terphenyl	94		70 - 130				03/18/23 09:36	03/19/23 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		24.9		mg/Kg			03/23/23 03:46	5

Client Sample ID: CS- 32 (1-3)

Lab Sample ID: 890-4308-8

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 01:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 01:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 01:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/26/23 17:10	03/27/23 01:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 01:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/26/23 17:10	03/27/23 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				03/26/23 17:10	03/27/23 01:17	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/26/23 17:10	03/27/23 01:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 00:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/19/23 00:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				03/18/23 09:36	03/19/23 00:46	1
o-Terphenyl	94		70 - 130				03/18/23 09:36	03/19/23 00:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	352		5.03		mg/Kg			03/23/23 03:50	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 33 (1-3)

Lab Sample ID: 890-4308-9

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000227	U	0.000227		mg/Kg		03/26/23 17:10	03/27/23 01:38	1
Toluene	<0.000227	U	0.000227		mg/Kg		03/26/23 17:10	03/27/23 01:38	1
Ethylbenzene	<0.000227	U	0.000227		mg/Kg		03/26/23 17:10	03/27/23 01:38	1
m-Xylene & p-Xylene	<0.000455	U	0.000455		mg/Kg		03/26/23 17:10	03/27/23 01:38	1
o-Xylene	<0.000227	U	0.000227		mg/Kg		03/26/23 17:10	03/27/23 01:38	1
Xylenes, Total	<0.000455	U	0.000455		mg/Kg		03/26/23 17:10	03/27/23 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	03/26/23 17:10	03/27/23 01:38	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/26/23 17:10	03/27/23 01:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000455	U	0.000455		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 01:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/19/23 01:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	03/18/23 09:36	03/19/23 01:07	1
o-Terphenyl	92		70 - 130	03/18/23 09:36	03/19/23 01:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		5.04		mg/Kg			03/23/23 03:55	1

Client Sample ID: CS- 34 (1-3)

Lab Sample ID: 890-4308-10

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 01:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 01:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 01:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/26/23 17:10	03/27/23 01:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 01:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/26/23 17:10	03/27/23 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	03/26/23 17:10	03/27/23 01:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/26/23 17:10	03/27/23 01:59	1

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Client Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 34 (1-3)

Lab Sample ID: 890-4308-10

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 01:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/19/23 01:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				03/18/23 09:36	03/19/23 01:29	1
o-Terphenyl	93		70 - 130				03/18/23 09:36	03/19/23 01:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.8		5.00		mg/Kg			03/23/23 04:00	1

Client Sample ID: CS- 35 (1-3)

Lab Sample ID: 890-4308-11

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 04:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 04:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 04:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 04:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 04:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				03/26/23 17:10	03/27/23 04:45	1
1,4-Difluorobenzene (Surr)	88		70 - 130				03/26/23 17:10	03/27/23 04:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 02:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/19/23 02:11	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 35 (1-3)

Lab Sample ID: 890-4308-11

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 02:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				03/18/23 09:36	03/19/23 02:11	1
o-Terphenyl	90		70 - 130				03/18/23 09:36	03/19/23 02:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159	F1	25.1		mg/Kg			03/23/23 04:05	5

Client Sample ID: CS- 36 (1-3)

Lab Sample ID: 890-4308-12

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 05:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 05:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 05:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 05:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 05:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				03/26/23 17:10	03/27/23 05:06	1
1,4-Difluorobenzene (Surr)	100		70 - 130				03/26/23 17:10	03/27/23 05:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 02:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/18/23 09:36	03/19/23 02:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				03/18/23 09:36	03/19/23 02:32	1
o-Terphenyl	91		70 - 130				03/18/23 09:36	03/19/23 02:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.6		4.97		mg/Kg			03/23/23 04:19	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 37 (1-3)

Lab Sample ID: 890-4308-13

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 05:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 05:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 05:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/26/23 17:10	03/27/23 05:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 05:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/26/23 17:10	03/27/23 05:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	03/26/23 17:10	03/27/23 05:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/26/23 17:10	03/27/23 05:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 02:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/18/23 09:36	03/19/23 02:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	03/18/23 09:36	03/19/23 02:54	1
o-Terphenyl	90		70 - 130	03/18/23 09:36	03/19/23 02:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	297		4.96		mg/Kg			03/23/23 04:24	1

Client Sample ID: CS- 38 (1-3)

Lab Sample ID: 890-4308-14

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 05:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 05:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 05:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/26/23 17:10	03/27/23 05:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 05:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/26/23 17:10	03/27/23 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	03/26/23 17:10	03/27/23 05:47	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/26/23 17:10	03/27/23 05:47	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 38 (1-3)

Lab Sample ID: 890-4308-14

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 03:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/19/23 03:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				03/18/23 09:36	03/19/23 03:15	1
o-Terphenyl	93		70 - 130				03/18/23 09:36	03/19/23 03:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.8		5.01		mg/Kg			03/23/23 04:39	1

Client Sample ID: CS- 39 (1-3)

Lab Sample ID: 890-4308-15

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 06:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 06:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 06:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 06:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 06:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 06:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				03/26/23 17:10	03/27/23 06:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130				03/26/23 17:10	03/27/23 06:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 03:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/19/23 03:36	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 39 (1-3)

Lab Sample ID: 890-4308-15

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				03/18/23 09:36	03/19/23 03:36	1
o-Terphenyl	89		70 - 130				03/18/23 09:36	03/19/23 03:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		4.97		mg/Kg			03/23/23 04:44	1

Client Sample ID: CS- 40 (1-3)

Lab Sample ID: 890-4308-16

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 06:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 06:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 06:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 06:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 06:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/26/23 17:10	03/27/23 06:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/26/23 17:10	03/27/23 06:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 03:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/18/23 09:36	03/19/23 03:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				03/18/23 09:36	03/19/23 03:57	1
o-Terphenyl	94		70 - 130				03/18/23 09:36	03/19/23 03:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		5.01		mg/Kg			03/23/23 04:49	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 41 (1-3)

Lab Sample ID: 890-4308-17

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 06:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 06:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 06:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/26/23 17:10	03/27/23 06:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/27/23 06:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/26/23 17:10	03/27/23 06:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	03/26/23 17:10	03/27/23 06:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/26/23 17:10	03/27/23 06:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 04:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/18/23 09:36	03/19/23 04:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	03/18/23 09:36	03/19/23 04:18	1
o-Terphenyl	109		70 - 130	03/18/23 09:36	03/19/23 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		5.05		mg/Kg			03/23/23 04:53	1

Client Sample ID: CS- 42 (1-3)

Lab Sample ID: 890-4308-18

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/26/23 17:10	03/27/23 07:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/26/23 17:10	03/27/23 07:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/26/23 17:10	03/27/23 07:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/26/23 17:10	03/27/23 07:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/26/23 17:10	03/27/23 07:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/26/23 17:10	03/27/23 07:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/26/23 17:10	03/27/23 07:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/26/23 17:10	03/27/23 07:10	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 42 (1-3)

Lab Sample ID: 890-4308-18

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.6		49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 04:40	1
Diesel Range Organics (Over C10-C28)	65.6	*1	49.9		mg/Kg		03/18/23 09:36	03/19/23 04:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				03/18/23 09:36	03/19/23 04:40	1
o-Terphenyl	86		70 - 130				03/18/23 09:36	03/19/23 04:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	254		4.96		mg/Kg			03/23/23 04:58	1

Client Sample ID: CS- 43 (1-3)

Lab Sample ID: 890-4308-19

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/26/23 17:10	03/27/23 07:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/26/23 17:10	03/27/23 07:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/26/23 17:10	03/27/23 07:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/26/23 17:10	03/27/23 07:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/26/23 17:10	03/27/23 07:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/26/23 17:10	03/27/23 07:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/26/23 17:10	03/27/23 07:31	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/26/23 17:10	03/27/23 07:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.6		50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 05:01	1
Diesel Range Organics (Over C10-C28)	66.6	*1	50.0		mg/Kg		03/18/23 09:36	03/19/23 05:01	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 43 (1-3)

Lab Sample ID: 890-4308-19

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/19/23 05:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				03/18/23 09:36	03/19/23 05:01	1
o-Terphenyl	89		70 - 130				03/18/23 09:36	03/19/23 05:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		4.95		mg/Kg			03/23/23 05:03	1

Client Sample ID: CS- 44 (1-3)

Lab Sample ID: 890-4308-20

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 07:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 07:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 07:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 07:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/26/23 17:10	03/27/23 07:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/26/23 17:10	03/27/23 07:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/26/23 17:10	03/27/23 07:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/26/23 17:10	03/27/23 07:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.1		49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 05:22	1
Diesel Range Organics (Over C10-C28)	75.1	*1	49.9		mg/Kg		03/18/23 09:36	03/19/23 05:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:36	03/19/23 05:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				03/18/23 09:36	03/19/23 05:22	1
o-Terphenyl	96		70 - 130				03/18/23 09:36	03/19/23 05:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		5.04		mg/Kg			03/23/23 05:08	1

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Client Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 45 (1-3)

Lab Sample ID: 890-4308-21

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:10	03/26/23 14:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:10	03/26/23 14:17	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		03/23/23 15:10	03/26/23 14:17	1
m-Xylene & p-Xylene	<0.00403	U F1	0.00403		mg/Kg		03/23/23 15:10	03/26/23 14:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:10	03/26/23 14:17	1
Xylenes, Total	<0.00403	U F1	0.00403		mg/Kg		03/23/23 15:10	03/26/23 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	03/23/23 15:10	03/26/23 14:17	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/23/23 15:10	03/26/23 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.2		49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:37	03/19/23 11:28	1
Diesel Range Organics (Over C10-C28)	59.2		49.9		mg/Kg		03/18/23 09:37	03/19/23 11:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:37	03/19/23 11:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	03/18/23 09:37	03/19/23 11:28	1
o-Terphenyl	89		70 - 130	03/18/23 09:37	03/19/23 11:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.5		4.96		mg/Kg			03/23/23 05:33	1

Client Sample ID: CS- 46 (1-3)

Lab Sample ID: 890-4308-22

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 14:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 14:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 14:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 14:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 14:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	03/23/23 15:10	03/26/23 14:37	1
1,4-Difluorobenzene (Surr)	70		70 - 130	03/23/23 15:10	03/26/23 14:37	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 46 (1-3)

Lab Sample ID: 890-4308-22

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:37	03/19/23 12:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/23 09:37	03/19/23 12:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:37	03/19/23 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				03/18/23 09:37	03/19/23 12:34	1
o-Terphenyl	84		70 - 130				03/18/23 09:37	03/19/23 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.8		5.02		mg/Kg			03/23/23 05:48	1

Client Sample ID: CS- 47 (1-3)

Lab Sample ID: 890-4308-23

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 14:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 14:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 14:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/23/23 15:10	03/26/23 14:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 14:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/23/23 15:10	03/26/23 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	59	S1-	70 - 130				03/23/23 15:10	03/26/23 14:58	1
1,4-Difluorobenzene (Surr)	74		70 - 130				03/23/23 15:10	03/26/23 14:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:37	03/19/23 12:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/23 09:37	03/19/23 12:56	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 47 (1-3)

Lab Sample ID: 890-4308-23

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:37	03/19/23 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/18/23 09:37	03/19/23 12:56	1
o-Terphenyl	85		70 - 130				03/18/23 09:37	03/19/23 12:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		4.98		mg/Kg			03/23/23 05:53	1

Client Sample ID: CS- 48 (1-3)

Lab Sample ID: 890-4308-24

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:10	03/26/23 15:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:10	03/26/23 15:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:10	03/26/23 15:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/23/23 15:10	03/26/23 15:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/23/23 15:10	03/26/23 15:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/23/23 15:10	03/26/23 15:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				03/23/23 15:10	03/26/23 15:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/23/23 15:10	03/26/23 15:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68.4		50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:37	03/19/23 13:18	1
Diesel Range Organics (Over C10-C28)	68.4		50.0		mg/Kg		03/18/23 09:37	03/19/23 13:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:37	03/19/23 13:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				03/18/23 09:37	03/19/23 13:18	1
o-Terphenyl	94		70 - 130				03/18/23 09:37	03/19/23 13:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		4.99		mg/Kg			03/23/23 05:57	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 49 (1-3)

Lab Sample ID: 890-4308-25

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 15:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 15:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 15:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 15:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 15:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/23/23 15:10	03/26/23 15:39	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/23/23 15:10	03/26/23 15:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	106		49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 13:40	1
Diesel Range Organics (Over C10-C28)	106		49.9		mg/Kg		03/18/23 09:38	03/19/23 13:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	03/18/23 09:38	03/19/23 13:40	1
o-Terphenyl	98		70 - 130	03/18/23 09:38	03/19/23 13:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		4.99		mg/Kg			03/23/23 06:02	1

Client Sample ID: CS- 50 (1-3)

Lab Sample ID: 890-4308-26

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 15:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 15:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 15:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/23/23 15:10	03/26/23 15:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 15:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/23/23 15:10	03/26/23 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	03/23/23 15:10	03/26/23 15:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130	03/23/23 15:10	03/26/23 15:59	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 50 (1-3)

Lab Sample ID: 890-4308-26

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 14:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 14:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				03/18/23 09:38	03/19/23 14:02	1
o-Terphenyl	91		70 - 130				03/18/23 09:38	03/19/23 14:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.3		5.00		mg/Kg			03/23/23 06:17	1

Client Sample ID: CS- 51 (1-3)

Lab Sample ID: 890-4308-27

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 16:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 16:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 16:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 16:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 16:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				03/23/23 15:10	03/26/23 16:20	1
1,4-Difluorobenzene (Surr)	82		70 - 130				03/23/23 15:10	03/26/23 16:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 14:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 14:25	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 51 (1-3)

Lab Sample ID: 890-4308-27

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				03/18/23 09:38	03/19/23 14:25	1
o-Terphenyl	78		70 - 130				03/18/23 09:38	03/19/23 14:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.5		5.04		mg/Kg			03/23/23 06:22	1

Client Sample ID: CS- 52 (1-3)

Lab Sample ID: 890-4308-28

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 16:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 16:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 16:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 16:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 16:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				03/23/23 15:10	03/26/23 16:40	1
1,4-Difluorobenzene (Surr)	78		70 - 130				03/23/23 15:10	03/26/23 16:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 14:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 14:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				03/18/23 09:38	03/19/23 14:47	1
o-Terphenyl	100		70 - 130				03/18/23 09:38	03/19/23 14:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	364		5.01		mg/Kg			03/23/23 06:26	1

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Client Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 53 (1-3)

Lab Sample ID: 890-4308-29

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 17:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/23/23 15:10	03/26/23 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 17:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/23/23 15:10	03/26/23 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/23/23 15:10	03/26/23 17:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/23/23 15:10	03/26/23 17:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 15:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 15:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	03/18/23 09:38	03/19/23 15:09	1
o-Terphenyl	81		70 - 130	03/18/23 09:38	03/19/23 15:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	518		4.97		mg/Kg			03/23/23 06:31	1

Client Sample ID: CS- 54 (1-3)

Lab Sample ID: 890-4308-30

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 17:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 17:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 17:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/23/23 15:10	03/26/23 17:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 17:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/23/23 15:10	03/26/23 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	03/23/23 15:10	03/26/23 17:21	1
1,4-Difluorobenzene (Surr)	83		70 - 130	03/23/23 15:10	03/26/23 17:21	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 54 (1-3)

Lab Sample ID: 890-4308-30

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	168		50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 15:31	1
Diesel Range Organics (Over C10-C28)	168		50.0		mg/Kg		03/18/23 09:38	03/19/23 15:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				03/18/23 09:38	03/19/23 15:31	1
o-Terphenyl	79		70 - 130				03/18/23 09:38	03/19/23 15:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		4.99		mg/Kg			03/23/23 06:36	1

Client Sample ID: CS- 55 (3)

Lab Sample ID: 890-4308-31

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/23/23 15:10	03/26/23 18:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/23/23 15:10	03/26/23 18:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/23/23 15:10	03/26/23 18:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/23/23 15:10	03/26/23 18:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/23/23 15:10	03/26/23 18:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/23/23 15:10	03/26/23 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				03/23/23 15:10	03/26/23 18:44	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/23/23 15:10	03/26/23 18:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 16:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 16:15	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 55 (3)

Lab Sample ID: 890-4308-31

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 16:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				03/18/23 09:38	03/19/23 16:15	1
o-Terphenyl	106		70 - 130				03/18/23 09:38	03/19/23 16:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	313	F1	5.03		mg/Kg			03/23/23 06:41	1

Client Sample ID: CS- 56 (3)

Lab Sample ID: 890-4308-32

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 19:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 19:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 19:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 19:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 19:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				03/23/23 15:10	03/26/23 19:05	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/23/23 15:10	03/26/23 19:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 16:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 16:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				03/18/23 09:38	03/19/23 16:36	1
o-Terphenyl	84		70 - 130				03/18/23 09:38	03/19/23 16:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.1		5.03		mg/Kg			03/23/23 06:56	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS-57 (4)

Lab Sample ID: 890-4308-33

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 19:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 19:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 19:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/23/23 15:10	03/26/23 19:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 19:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/23/23 15:10	03/26/23 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	03/23/23 15:10	03/26/23 19:25	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/23/23 15:10	03/26/23 19:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 16:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 16:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	03/18/23 09:38	03/19/23 16:58	1
o-Terphenyl	81		70 - 130	03/18/23 09:38	03/19/23 16:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.3		4.97		mg/Kg			03/23/23 07:00	1

Client Sample ID: SW- 47 (0-1)

Lab Sample ID: 890-4308-34

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:10	03/26/23 19:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:10	03/26/23 19:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:10	03/26/23 19:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/23/23 15:10	03/26/23 19:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:10	03/26/23 19:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/23/23 15:10	03/26/23 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	03/23/23 15:10	03/26/23 19:46	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/23/23 15:10	03/26/23 19:46	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW- 47 (0-1)

Lab Sample ID: 890-4308-34

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 17:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 17:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				03/18/23 09:38	03/19/23 17:19	1
o-Terphenyl	96		70 - 130				03/18/23 09:38	03/19/23 17:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		4.95		mg/Kg			03/23/23 07:15	1

Client Sample ID: SW- 48 (1-2)

Lab Sample ID: 890-4308-35

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 20:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 20:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 20:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 20:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 20:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				03/23/23 15:10	03/26/23 20:06	1
1,4-Difluorobenzene (Surr)	87		70 - 130				03/23/23 15:10	03/26/23 20:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/18/23 09:38	03/19/23 17:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/18/23 09:38	03/19/23 17:41	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW- 48 (1-2)

Lab Sample ID: 890-4308-35

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/18/23 09:38	03/19/23 17:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				03/18/23 09:38	03/19/23 17:41	1
o-Terphenyl	73		70 - 130				03/18/23 09:38	03/19/23 17:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	686		4.96		mg/Kg			03/23/23 07:20	1

Client Sample ID: SW- 49 (0-3)

Lab Sample ID: 890-4308-36

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 20:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 20:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 20:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 20:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/23/23 15:10	03/26/23 20:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/23/23 15:10	03/26/23 20:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				03/23/23 15:10	03/26/23 20:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/23/23 15:10	03/26/23 20:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	99.3		50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 18:02	1
Diesel Range Organics (Over C10-C28)	99.3		50.0		mg/Kg		03/18/23 09:38	03/19/23 18:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				03/18/23 09:38	03/19/23 18:02	1
o-Terphenyl	92		70 - 130				03/18/23 09:38	03/19/23 18:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		5.04		mg/Kg			03/23/23 07:25	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW- 50 (0-3)

Lab Sample ID: 890-4308-37

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 20:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 20:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 20:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/23/23 15:10	03/26/23 20:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 20:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/23/23 15:10	03/26/23 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	03/23/23 15:10	03/26/23 20:47	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/23/23 15:10	03/26/23 20:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 18:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 18:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	03/18/23 09:38	03/19/23 18:23	1
o-Terphenyl	76		70 - 130	03/18/23 09:38	03/19/23 18:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		4.98		mg/Kg			03/23/23 07:29	1

Client Sample ID: SW- 51 (0-3)

Lab Sample ID: 890-4308-38

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:10	03/26/23 21:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:10	03/26/23 21:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:10	03/26/23 21:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/23/23 15:10	03/26/23 21:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/23/23 15:10	03/26/23 21:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/23/23 15:10	03/26/23 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/23/23 15:10	03/26/23 21:08	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/23/23 15:10	03/26/23 21:08	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW- 51 (0-3)

Lab Sample ID: 890-4308-38

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	116		49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 18:45	1
Diesel Range Organics (Over C10-C28)	116		49.9		mg/Kg		03/18/23 09:38	03/19/23 18:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/18/23 09:38	03/19/23 18:45	1
o-Terphenyl	96		70 - 130				03/18/23 09:38	03/19/23 18:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.9		4.97		mg/Kg			03/23/23 07:34	1

Client Sample ID: SW- 52 (0-3)

Lab Sample ID: 890-4308-39

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 21:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 21:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 21:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/23/23 15:10	03/26/23 21:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 21:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/23/23 15:10	03/26/23 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				03/23/23 15:10	03/26/23 21:28	1
1,4-Difluorobenzene (Surr)	83		70 - 130				03/23/23 15:10	03/26/23 21:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 19:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 19:06	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW- 52 (0-3)

Lab Sample ID: 890-4308-39

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:38	03/19/23 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				03/18/23 09:38	03/19/23 19:06	1
o-Terphenyl	97		70 - 130				03/18/23 09:38	03/19/23 19:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			03/23/23 07:39	1

Client Sample ID: SW- 53 (2-3)

Lab Sample ID: 890-4308-40

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/23/23 15:10	03/26/23 21:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/23/23 15:10	03/26/23 21:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/23/23 15:10	03/26/23 21:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/23/23 15:10	03/26/23 21:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/23/23 15:10	03/26/23 21:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/23/23 15:10	03/26/23 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				03/23/23 15:10	03/26/23 21:49	1
1,4-Difluorobenzene (Surr)	108		70 - 130				03/23/23 15:10	03/26/23 21:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/27/23 10:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 19:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 19:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:38	03/19/23 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				03/18/23 09:38	03/19/23 19:27	1
o-Terphenyl	81		70 - 130				03/18/23 09:38	03/19/23 19:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		5.03		mg/Kg			03/23/23 07:44	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW-54 (3-4)

Lab Sample ID: 890-4308-41

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:17	03/26/23 01:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:17	03/26/23 01:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:17	03/26/23 01:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/24/23 10:17	03/26/23 01:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:17	03/26/23 01:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/24/23 10:17	03/26/23 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	03/24/23 10:17	03/26/23 01:42	1
1,4-Difluorobenzene (Surr)	81		70 - 130	03/24/23 10:17	03/26/23 01:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/26/23 08:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/18/23 09:50	03/19/23 11:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9		mg/Kg		03/18/23 09:50	03/19/23 11:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/23 09:50	03/19/23 11:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	03/18/23 09:50	03/19/23 11:28	1
o-Terphenyl	110		70 - 130	03/18/23 09:50	03/19/23 11:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6		5.00		mg/Kg			03/22/23 21:58	1

Client Sample ID: SW-28A (0-3.5)

Lab Sample ID: 890-4308-42

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/24/23 10:17	03/26/23 02:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/24/23 10:17	03/26/23 02:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/24/23 10:17	03/26/23 02:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/24/23 10:17	03/26/23 02:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/24/23 10:17	03/26/23 02:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/24/23 10:17	03/26/23 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/24/23 10:17	03/26/23 02:02	1
1,4-Difluorobenzene (Surr)	81		70 - 130	03/24/23 10:17	03/26/23 02:02	1

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Client Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW-28A (0-3.5)

Lab Sample ID: 890-4308-42

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/22/23 17:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:50	03/19/23 12:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/18/23 09:50	03/19/23 12:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:50	03/19/23 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				03/18/23 09:50	03/19/23 12:34	1
o-Terphenyl	98		70 - 130				03/18/23 09:50	03/19/23 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.9		5.05		mg/Kg			03/22/23 22:03	1

Surrogate Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-4308-1	CS- 25 (1)	214 S1+	84
890-4308-1 MS	CS- 25 (1)	162 S1+	85
890-4308-1 MSD	CS- 25 (1)	189 S1+	93
890-4308-2	CS- 26 (1)	202 S1+	76
890-4308-3	CS- 27 (1)	206 S1+	76
890-4308-4	CS- 28 (1-3)	201 S1+	74
890-4308-5	CS- 29 (1-3)	107	83
890-4308-5 MS	CS- 29 (1-3)	110	92
890-4308-5 MSD	CS- 29 (1-3)	108	89
890-4308-6	CS- 30 (1-3)	109	93
890-4308-7	CS- 31 (1-3)	113	95
890-4308-8	CS- 32 (1-3)	121	97
890-4308-9	CS- 33 (1-3)	114	94
890-4308-10	CS- 34 (1-3)	121	94
890-4308-11	CS- 35 (1-3)	101	88
890-4308-12	CS- 36 (1-3)	118	100
890-4308-13	CS- 37 (1-3)	116	98
890-4308-14	CS- 38 (1-3)	116	99
890-4308-15	CS- 39 (1-3)	118	100
890-4308-16	CS- 40 (1-3)	113	97
890-4308-17	CS- 41 (1-3)	114	100
890-4308-18	CS- 42 (1-3)	100	102
890-4308-19	CS- 43 (1-3)	104	99
890-4308-20	CS- 44 (1-3)	103	99
890-4308-21	CS- 45 (1-3)	90	98
890-4308-21 MS	CS- 45 (1-3)	93	113
890-4308-21 MSD	CS- 45 (1-3)	119	108
890-4308-22	CS- 46 (1-3)	95	70
890-4308-23	CS- 47 (1-3)	59 S1-	74
890-4308-24	CS- 48 (1-3)	96	97
890-4308-25	CS- 49 (1-3)	110	90
890-4308-26	CS- 50 (1-3)	92	101
890-4308-27	CS- 51 (1-3)	92	82
890-4308-28	CS- 52 (1-3)	92	78
890-4308-29	CS- 53 (1-3)	93	96
890-4308-30	CS- 54 (1-3)	117	83
890-4308-31	CS- 55 (3)	88	97
890-4308-32	CS- 56 (3)	93	99
890-4308-33	CS-57 (4)	95	91
890-4308-34	SW- 47 (0-1)	92	96
890-4308-35	SW- 48 (1-2)	97	87
890-4308-36	SW- 49 (0-3)	95	99
890-4308-37	SW- 50 (0-3)	90	96
890-4308-38	SW- 51 (0-3)	99	102
890-4308-39	SW- 52 (0-3)	96	83
890-4308-40	SW- 53 (2-3)	96	108
890-4308-41	SW-54 (3-4)	95	81
890-4308-41 MS	SW-54 (3-4)	133 S1+	98
890-4308-41 MSD	SW-54 (3-4)	127	101

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Surrogate Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-4308-42	SW-28A (0-3.5)	109	81
LCS 880-49338/1-A	Lab Control Sample	177 S1+	67 S1-
LCS 880-49339/1-A	Lab Control Sample	112	108
LCS 880-49394/1-A	Lab Control Sample	109	105
LCS 880-49552/1-A	Lab Control Sample	102	91
LCSD 880-49338/2-A	Lab Control Sample Dup	171 S1+	92
LCSD 880-49339/2-A	Lab Control Sample Dup	91	117
LCSD 880-49394/2-A	Lab Control Sample Dup	124	85
LCSD 880-49552/2-A	Lab Control Sample Dup	111	91
MB 880-49217/5-A	Method Blank	84	93
MB 880-49230/5-A	Method Blank	104	83
MB 880-49336/5-A	Method Blank	124	72
MB 880-49338/5-A	Method Blank	130	70
MB 880-49339/5-A	Method Blank	76	97
MB 880-49394/5-A	Method Blank	81	91
MB 880-49552/5-A	Method Blank	101	81
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-4308-1	CS- 25 (1)	93	102
890-4308-1 MS	CS- 25 (1)	96	96
890-4308-1 MSD	CS- 25 (1)	98	97
890-4308-2	CS- 26 (1)	85	91
890-4308-3	CS- 27 (1)	88	95
890-4308-4	CS- 28 (1-3)	107	115
890-4308-5	CS- 29 (1-3)	87	94
890-4308-6	CS- 30 (1-3)	86	92
890-4308-7	CS- 31 (1-3)	88	94
890-4308-8	CS- 32 (1-3)	86	94
890-4308-9	CS- 33 (1-3)	84	92
890-4308-10	CS- 34 (1-3)	85	93
890-4308-11	CS- 35 (1-3)	84	90
890-4308-12	CS- 36 (1-3)	85	91
890-4308-13	CS- 37 (1-3)	83	90
890-4308-14	CS- 38 (1-3)	86	93
890-4308-15	CS- 39 (1-3)	82	89
890-4308-16	CS- 40 (1-3)	86	94
890-4308-17	CS- 41 (1-3)	103	109
890-4308-18	CS- 42 (1-3)	81	86
890-4308-19	CS- 43 (1-3)	83	89
890-4308-20	CS- 44 (1-3)	90	96
890-4308-21	CS- 45 (1-3)	90	89
890-4308-21 MS	CS- 45 (1-3)	86	74

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Surrogate Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-4308-21 MSD	CS- 45 (1-3)	79	74
890-4308-22	CS- 46 (1-3)	88	84
890-4308-23	CS- 47 (1-3)	91	85
890-4308-24	CS- 48 (1-3)	101	94
890-4308-25	CS- 49 (1-3)	107	98
890-4308-26	CS- 50 (1-3)	93	91
890-4308-27	CS- 51 (1-3)	83	78
890-4308-28	CS- 52 (1-3)	109	100
890-4308-29	CS- 53 (1-3)	84	81
890-4308-30	CS- 54 (1-3)	85	79
890-4308-31	CS- 55 (3)	115	106
890-4308-32	CS- 56 (3)	85	84
890-4308-33	CS-57 (4)	88	81
890-4308-34	SW- 47 (0-1)	104	96
890-4308-35	SW- 48 (1-2)	78	73
890-4308-36	SW- 49 (0-3)	104	92
890-4308-37	SW- 50 (0-3)	79	76
890-4308-38	SW- 51 (0-3)	102	96
890-4308-39	SW- 52 (0-3)	101	97
890-4308-40	SW- 53 (2-3)	86	81
890-4308-41	SW-54 (3-4)	94	110
890-4308-41 MS	SW-54 (3-4)	97	101
890-4308-41 MSD	SW-54 (3-4)	114	116
890-4308-42	SW-28A (0-3.5)	84	98
LCS 880-48880/2-A	Lab Control Sample	129	147 S1+
LCS 880-48881/2-A	Lab Control Sample	93	95
LCS 880-48884/2-A	Lab Control Sample	143 S1+	172 S1+
LCSD 880-48880/3-A	Lab Control Sample Dup	137 S1+	152 S1+
LCSD 880-48881/3-A	Lab Control Sample Dup	100	106
LCSD 880-48884/3-A	Lab Control Sample Dup	170 S1+	196 S1+
MB 880-48880/1-A	Method Blank	102	117
MB 880-48881/1-A	Method Blank	104	107
MB 880-48884/1-A	Method Blank	119	138 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-49217/5-A

Matrix: Solid

Analysis Batch: 49405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/23 13:25	03/25/23 14:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/22/23 13:25	03/25/23 14:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/23 13:25	03/25/23 14:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/22/23 13:25	03/25/23 14:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/23 13:25	03/25/23 14:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/22/23 13:25	03/25/23 14:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	03/22/23 13:25	03/25/23 14:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/22/23 13:25	03/25/23 14:44	1

Lab Sample ID: MB 880-49230/5-A

Matrix: Solid

Analysis Batch: 49529

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/22/23 15:57	03/26/23 13:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/22/23 15:57	03/26/23 13:07	1
1,4-Difluorobenzene (Surr)	83		70 - 130	03/22/23 15:57	03/26/23 13:07	1

Lab Sample ID: MB 880-49336/5-A

Matrix: Solid

Analysis Batch: 49363

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 14:56	03/25/23 17:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 14:56	03/25/23 17:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 14:56	03/25/23 17:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/23/23 14:56	03/25/23 17:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 14:56	03/25/23 17:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/23/23 14:56	03/25/23 17:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	03/23/23 14:56	03/25/23 17:08	1
1,4-Difluorobenzene (Surr)	72		70 - 130	03/23/23 14:56	03/25/23 17:08	1

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-49338/5-A

Matrix: Solid

Analysis Batch: 49363

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49338

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:08	03/26/23 06:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:08	03/26/23 06:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:08	03/26/23 06:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/23/23 15:08	03/26/23 06:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:08	03/26/23 06:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/23/23 15:08	03/26/23 06:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	03/23/23 15:08	03/26/23 06:57	1
1,4-Difluorobenzene (Surr)	70		70 - 130	03/23/23 15:08	03/26/23 06:57	1

Lab Sample ID: LCS 880-49338/1-A

Matrix: Solid

Analysis Batch: 49363

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1208		mg/Kg		121	70 - 130
Toluene	0.100	0.1124		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1198		mg/Kg		120	70 - 130
m-Xylene & p-Xylene	0.200	0.2414		mg/Kg		121	70 - 130
o-Xylene	0.100	0.1199		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130

Lab Sample ID: LCSD 880-49338/2-A

Matrix: Solid

Analysis Batch: 49363

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49338

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1175		mg/Kg		117	70 - 130	3	35
Toluene	0.100	0.1067		mg/Kg		107	70 - 130	5	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2310		mg/Kg		116	70 - 130	4	35
o-Xylene	0.100	0.1166		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-4308-1 MS

Matrix: Solid

Analysis Batch: 49363

Client Sample ID: CS- 25 (1)

Prep Type: Total/NA

Prep Batch: 49338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08726		mg/Kg		87	70 - 130
Toluene	<0.00201	U	0.100	0.07734		mg/Kg		77	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-4308-1 MS

Client Sample ID: CS- 25 (1)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 49363

Prep Batch: 49338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.07274		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1755		mg/Kg		87	70 - 130
o-Xylene	<0.00201	U	0.100	0.08906		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 890-4308-1 MSD

Client Sample ID: CS- 25 (1)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 49363

Prep Batch: 49338

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.1127		mg/Kg		114	70 - 130	25	35
Toluene	<0.00201	U	0.0990	0.09420		mg/Kg		95	70 - 130	20	35
Ethylbenzene	<0.00201	U	0.0990	0.08293		mg/Kg		84	70 - 130	13	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2008		mg/Kg		101	70 - 130	13	35
o-Xylene	<0.00201	U	0.0990	0.1009		mg/Kg		102	70 - 130	12	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	189	S1+	70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-49339/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 49531

Prep Batch: 49339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 13:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 13:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 13:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/23/23 15:10	03/26/23 13:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 15:10	03/26/23 13:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/23/23 15:10	03/26/23 13:55	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	03/23/23 15:10	03/26/23 13:55	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/23/23 15:10	03/26/23 13:55	1

Lab Sample ID: LCS 880-49339/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 49531

Prep Batch: 49339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09713		mg/Kg		97	70 - 130
Toluene	0.100	0.09279		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09530		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2042		mg/Kg		102	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-49339/1-A

Matrix: Solid

Analysis Batch: 49531

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1037		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-49339/2-A

Matrix: Solid

Analysis Batch: 49531

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49339

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1015		mg/Kg		102	70 - 130	4	35
Toluene	0.100	0.08381		mg/Kg		84	70 - 130	10	35
Ethylbenzene	0.100	0.07940		mg/Kg		79	70 - 130	18	35
m-Xylene & p-Xylene	0.200	0.1606		mg/Kg		80	70 - 130	24	35
o-Xylene	0.100	0.08108		mg/Kg		81	70 - 130	24	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 890-4308-21 MS

Matrix: Solid

Analysis Batch: 49531

Client Sample ID: CS- 45 (1-3)

Prep Type: Total/NA

Prep Batch: 49339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.08847		mg/Kg		88	70 - 130
Toluene	<0.00202	U	0.100	0.07406		mg/Kg		74	70 - 130
Ethylbenzene	<0.00202	U F1	0.100	0.06810	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1	0.200	0.1385	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00202	U	0.100	0.06980		mg/Kg		70	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 890-4308-21 MSD

Matrix: Solid

Analysis Batch: 49531

Client Sample ID: CS- 45 (1-3)

Prep Type: Total/NA

Prep Batch: 49339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.08599		mg/Kg		87	70 - 130	3	35
Toluene	<0.00202	U	0.0990	0.08238		mg/Kg		83	70 - 130	11	35
Ethylbenzene	<0.00202	U F1	0.0990	0.08605		mg/Kg		87	70 - 130	23	35
m-Xylene & p-Xylene	<0.00403	U F1	0.198	0.1792		mg/Kg		91	70 - 130	26	35
o-Xylene	<0.00202	U	0.0990	0.09007		mg/Kg		91	70 - 130	25	35

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-4308-21 MSD

Matrix: Solid

Analysis Batch: 49531

Client Sample ID: CS- 45 (1-3)

Prep Type: Total/NA

Prep Batch: 49339

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-49394/5-A

Matrix: Solid

Analysis Batch: 49405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49394

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:17	03/26/23 01:20	1	
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:17	03/26/23 01:20	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:17	03/26/23 01:20	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/24/23 10:17	03/26/23 01:20	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:17	03/26/23 01:20	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/24/23 10:17	03/26/23 01:20	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				03/24/23 10:17	03/26/23 01:20	1	
1,4-Difluorobenzene (Surr)	91		70 - 130				03/24/23 10:17	03/26/23 01:20	1	

Lab Sample ID: LCS 880-49394/1-A

Matrix: Solid

Analysis Batch: 49405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49394

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09451		mg/Kg		95	70 - 130			
Toluene	0.100	0.08755		mg/Kg		88	70 - 130			
Ethylbenzene	0.100	0.08732		mg/Kg		87	70 - 130			
m-Xylene & p-Xylene	0.200	0.1898		mg/Kg		95	70 - 130			
o-Xylene	0.100	0.1163		mg/Kg		116	70 - 130			

	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	109		70 - 130							
1,4-Difluorobenzene (Surr)	105		70 - 130							

Lab Sample ID: LCSD 880-49394/2-A

Matrix: Solid

Analysis Batch: 49405

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49394

			Spike	LCSD	LCSD						RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.09183		mg/Kg		92	70 - 130	3	35
Toluene			0.100	0.09252		mg/Kg		93	70 - 130	6	35
Ethylbenzene			0.100	0.09826		mg/Kg		98	70 - 130	12	35
m-Xylene & p-Xylene			0.200	0.2158		mg/Kg		108	70 - 130	13	35
o-Xylene			0.100	0.1229		mg/Kg		123	70 - 130	6	35
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	124		70 - 130								

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-49394/2-A

Matrix: Solid

Analysis Batch: 49405

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49394

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 890-4308-41 MS

Matrix: Solid

Analysis Batch: 49405

Client Sample ID: SW-54 (3-4)

Prep Type: Total/NA

Prep Batch: 49394

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0998	0.07314		mg/Kg		73	70 - 130	
Toluene	<0.00200	U	0.0998	0.07562		mg/Kg		76	70 - 130	
Ethylbenzene	<0.00200	U	0.0998	0.08006		mg/Kg		80	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1687		mg/Kg		85	70 - 130	
o-Xylene	<0.00200	U	0.0998	0.1037		mg/Kg		104	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-4308-41 MSD

Matrix: Solid

Analysis Batch: 49405

Client Sample ID: SW-54 (3-4)

Prep Type: Total/NA

Prep Batch: 49394

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.0990	0.07695		mg/Kg		78	70 - 130	5	35	
Toluene	<0.00200	U	0.0990	0.07585		mg/Kg		77	70 - 130	0	35	
Ethylbenzene	<0.00200	U	0.0990	0.08016		mg/Kg		81	70 - 130	0	35	
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1695		mg/Kg		86	70 - 130	1	35	
o-Xylene	<0.00200	U	0.0990	0.09936		mg/Kg		100	70 - 130	4	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-49552/5-A

Matrix: Solid

Analysis Batch: 49529

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49552

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/26/23 23:54	1	
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/26/23 23:54	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/26/23 23:54	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/26/23 17:10	03/26/23 23:54	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/26/23 23:54	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/26/23 17:10	03/26/23 23:54	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	101		70 - 130	03/26/23 17:10	03/26/23 23:54	1				
1,4-Difluorobenzene (Surr)	81		70 - 130	03/26/23 17:10	03/26/23 23:54	1				

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-49552/1-A

Matrix: Solid

Analysis Batch: 49529

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49552

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08510		mg/Kg		85	70 - 130
Toluene	0.100	0.09072		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.08643		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1814		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09267		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-49552/2-A

Matrix: Solid

Analysis Batch: 49529

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49552

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08482		mg/Kg		85	70 - 130	0	35
Toluene	0.100	0.09222		mg/Kg		92	70 - 130	2	35
Ethylbenzene	0.100	0.09247		mg/Kg		92	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1967		mg/Kg		98	70 - 130	8	35
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-4308-5 MS

Matrix: Solid

Analysis Batch: 49529

Client Sample ID: CS- 29 (1-3)

Prep Type: Total/NA

Prep Batch: 49552

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.08721		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.0998	0.09370		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09186		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1944		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09918		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-4308-5 MSD

Matrix: Solid

Analysis Batch: 49529

Client Sample ID: CS- 29 (1-3)

Prep Type: Total/NA

Prep Batch: 49552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08641		mg/Kg		86	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09289		mg/Kg		93	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09261		mg/Kg		92	70 - 130	1	35

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-4308-5 MSD

Client Sample ID: CS- 29 (1-3)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 49529

Prep Batch: 49552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1961		mg/Kg		98	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09979		mg/Kg		100	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		70 - 130								
1,4-Difluorobenzene (Surr)	89		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-48880/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 48874

Prep Batch: 48880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/18/23 20:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/18/23 20:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:36	03/18/23 20:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/18/23 09:36	03/18/23 20:31	1
o-Terphenyl	117		70 - 130				03/18/23 09:36	03/18/23 20:31	1

Lab Sample ID: LCS 880-48880/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 48874

Prep Batch: 48880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	923.8		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	786.9		mg/Kg		79	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	129		70 - 130						
o-Terphenyl	147	S1+	70 - 130						

Lab Sample ID: LCSD 880-48880/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 48874

Prep Batch: 48880

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1131		mg/Kg		113	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	1000	1212	*1	mg/Kg		121	70 - 130	43	20

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-48880/3-A

Matrix: Solid

Analysis Batch: 48874

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48880

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	152	S1+	70 - 130

Lab Sample ID: 890-4308-1 MS

Matrix: Solid

Analysis Batch: 48874

Client Sample ID: CS- 25 (1)

Prep Type: Total/NA

Prep Batch: 48880

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	899.2		mg/Kg		87	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U *1	998	1006		mg/Kg		97	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	96		70 - 130							
o-Terphenyl	96		70 - 130							

Lab Sample ID: 890-4308-1 MSD

Matrix: Solid

Analysis Batch: 48874

Client Sample ID: CS- 25 (1)

Prep Type: Total/NA

Prep Batch: 48880

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	919.7		mg/Kg		89	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	1019		mg/Kg		99	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	98		70 - 130									
o-Terphenyl	97		70 - 130									

Lab Sample ID: MB 880-48881/1-A

Matrix: Solid

Analysis Batch: 48906

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48881

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:37	03/19/23 08:52	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/23 09:37	03/19/23 08:52	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:37	03/19/23 08:52	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	104		70 - 130				03/18/23 09:37	03/19/23 08:52	1		
o-Terphenyl	107		70 - 130				03/18/23 09:37	03/19/23 08:52	1		

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-48881/2-A

Matrix: Solid

Analysis Batch: 48906

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48881

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	828.2		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	825.0		mg/Kg		83	70 - 130		
					</						

Lab Sample ID: LCSD 880-48881/3-A

Matrix: Solid

Analysis Batch: 48906

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48881

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	947.6		mg/Kg		95	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	921.1		mg/Kg		92	70 - 130	11	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	106		70 - 130								

Lab Sample ID: 890-4308-21 MS

Matrix: Solid

Analysis Batch: 48906

Client Sample ID: CS- 45 (1-3)

Prep Type: Total/NA

Prep Batch: 48881

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	911.0		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	59.2		998	763.4		mg/Kg		71	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	74		70 - 130								

Lab Sample ID: 890-4308-21 MSD

Matrix: Solid

Analysis Batch: 48906

Client Sample ID: CS- 45 (1-3)

Prep Type: Total/NA

Prep Batch: 48881

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	912.1		mg/Kg		87	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	59.2		999	761.6		mg/Kg		70	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-4308-21 MSD

Matrix: Solid

Analysis Batch: 48906

Client Sample ID: CS- 45 (1-3)

Prep Type: Total/NA

Prep Batch: 48881

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	74		70 - 130

Lab Sample ID: MB 880-48884/1-A

Matrix: Solid

Analysis Batch: 48908

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48884

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/23 09:50	03/19/23 08:52	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/23 09:50	03/19/23 08:52	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/23 09:50	03/19/23 08:52	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	119		70 - 130				03/18/23 09:50	03/19/23 08:52	1	
<i>o</i> -Terphenyl	138	S1+	70 - 130				03/18/23 09:50	03/19/23 08:52	1	

Lab Sample ID: LCS 880-48884/2-A

Matrix: Solid

Analysis Batch: 48908

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48884

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1075		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1126		mg/Kg		113	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	143	S1+	70 - 130							
<i>o</i> -Terphenyl	172	S1+	70 - 130							

Lab Sample ID: LCSD 880-48884/3-A

Matrix: Solid

Analysis Batch: 48908

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48884

			Spike	LCSD	LCSD				%Rec			RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1003		mg/Kg		100	70 - 130	7	20	
Diesel Range Organics (Over C10-C28)			1000	1352	*+	mg/Kg		135	70 - 130	18	20	
			LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	170	S1+	70 - 130									
o-Terphenyl	196	S1+	70 - 130									

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-4308-41 MS

Matrix: Solid

Analysis Batch: 48908

Client Sample ID: SW-54 (3-4)

Prep Type: Total/NA

Prep Batch: 48884

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	897.9		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	998	950.3		mg/Kg		93	70 - 130		
								</			

Lab Sample ID: 890-4308-41 MSD

Matrix: Solid

Analysis Batch: 48908

Client Sample ID: SW-54 (3-4)

Prep Type: Total/NA

Prep Batch: 48884

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1048		mg/Kg		103	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	1099		mg/Kg		108	70 - 130	15	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-48967/1-A

Matrix: Solid

Analysis Batch: 49323

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/22/23 20:50	1

Lab Sample ID: LCS 880-48967/2-A

Matrix: Solid

Analysis Batch: 49323

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.2		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-48967/3-A

Matrix: Solid

Analysis Batch: 49323

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.0		mg/Kg		103	90 - 110	0	20

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-25949-A-1-E MS

Matrix: Solid

Analysis Batch: 49323

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	387		249	643.6		mg/Kg		103	90 - 110

Lab Sample ID: 880-25949-A-1-F MSD

Matrix: Solid

Analysis Batch: 49323

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	387		249	652.5		mg/Kg		107	90 - 110	1	20

Lab Sample ID: MB 880-48965/1-A

Matrix: Solid

Analysis Batch: 49411

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/23/23 02:43	1

Lab Sample ID: LCS 880-48965/2-A

Matrix: Solid

Analysis Batch: 49411

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.8		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-48965/3-A

Matrix: Solid

Analysis Batch: 49411

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.6		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-4308-1 MS

Matrix: Solid

Analysis Batch: 49411

Client Sample ID: CS- 25 (1)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	441		248	698.8		mg/Kg		104	90 - 110

Lab Sample ID: 890-4308-1 MSD

Matrix: Solid

Analysis Batch: 49411

Client Sample ID: CS- 25 (1)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	441		248	690.8		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-4308-11 MS

Matrix: Solid

Analysis Batch: 49411

Client Sample ID: CS- 35 (1-3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	159	F1	1260	1560	F1	mg/Kg		112	90 - 110

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QC Sample Results

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-4308-11 MSD

Matrix: Solid

Analysis Batch: 49411

Client Sample ID: CS- 35 (1-3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	159	F1	1260	1529		mg/Kg		109	90 - 110	2	20

Lab Sample ID: MB 880-48963/1-A

Matrix: Solid

Analysis Batch: 49413

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/23/23 05:19	1

Lab Sample ID: LCS 880-48963/2-A

Matrix: Solid

Analysis Batch: 49413

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	265.0		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-48963/3-A

Matrix: Solid

Analysis Batch: 49413

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.5		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-4308-21 MS

Matrix: Solid

Analysis Batch: 49413

Client Sample ID: CS- 45 (1-3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.5		248	296.2		mg/Kg		107	90 - 110

Lab Sample ID: 890-4308-21 MSD

Matrix: Solid

Analysis Batch: 49413

Client Sample ID: CS- 45 (1-3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	30.5		248	296.0		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 890-4308-31 MS

Matrix: Solid

Analysis Batch: 49413

Client Sample ID: CS- 55 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	313	F1	252	595.0	F1	mg/Kg		112	90 - 110

Lab Sample ID: 890-4308-31 MSD

Matrix: Solid

Analysis Batch: 49413

Client Sample ID: CS- 55 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	313	F1	252	596.5	F1	mg/Kg		113	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

GC VOA

Prep Batch: 49217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49217/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49230/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49336/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1	CS- 25 (1)	Total/NA	Solid	5035	
890-4308-2	CS- 26 (1)	Total/NA	Solid	5035	
890-4308-3	CS- 27 (1)	Total/NA	Solid	5035	
890-4308-4	CS- 28 (1-3)	Total/NA	Solid	5035	
MB 880-49338/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49338/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49338/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4308-1 MS	CS- 25 (1)	Total/NA	Solid	5035	
890-4308-1 MSD	CS- 25 (1)	Total/NA	Solid	5035	

Prep Batch: 49339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-21	CS- 45 (1-3)	Total/NA	Solid	5035	
890-4308-22	CS- 46 (1-3)	Total/NA	Solid	5035	
890-4308-23	CS- 47 (1-3)	Total/NA	Solid	5035	
890-4308-24	CS- 48 (1-3)	Total/NA	Solid	5035	
890-4308-25	CS- 49 (1-3)	Total/NA	Solid	5035	
890-4308-26	CS- 50 (1-3)	Total/NA	Solid	5035	
890-4308-27	CS- 51 (1-3)	Total/NA	Solid	5035	
890-4308-28	CS- 52 (1-3)	Total/NA	Solid	5035	
890-4308-29	CS- 53 (1-3)	Total/NA	Solid	5035	
890-4308-30	CS- 54 (1-3)	Total/NA	Solid	5035	
890-4308-31	CS- 55 (3)	Total/NA	Solid	5035	
890-4308-32	CS- 56 (3)	Total/NA	Solid	5035	
890-4308-33	CS-57 (4)	Total/NA	Solid	5035	
890-4308-34	SW- 47 (0-1)	Total/NA	Solid	5035	
890-4308-35	SW- 48 (1-2)	Total/NA	Solid	5035	
890-4308-36	SW- 49 (0-3)	Total/NA	Solid	5035	
890-4308-37	SW- 50 (0-3)	Total/NA	Solid	5035	
890-4308-38	SW- 51 (0-3)	Total/NA	Solid	5035	
890-4308-39	SW- 52 (0-3)	Total/NA	Solid	5035	
890-4308-40	SW- 53 (2-3)	Total/NA	Solid	5035	
MB 880-49339/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49339/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49339/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4308-21 MS	CS- 45 (1-3)	Total/NA	Solid	5035	
890-4308-21 MSD	CS- 45 (1-3)	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

GC VOA

Analysis Batch: 49363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1	CS- 25 (1)	Total/NA	Solid	8021B	49338
890-4308-2	CS- 26 (1)	Total/NA	Solid	8021B	49338
890-4308-3	CS- 27 (1)	Total/NA	Solid	8021B	49338
890-4308-4	CS- 28 (1-3)	Total/NA	Solid	8021B	49338
MB 880-49336/5-A	Method Blank	Total/NA	Solid	8021B	49336
MB 880-49338/5-A	Method Blank	Total/NA	Solid	8021B	49338
LCS 880-49338/1-A	Lab Control Sample	Total/NA	Solid	8021B	49338
LCSD 880-49338/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49338
890-4308-1 MS	CS- 25 (1)	Total/NA	Solid	8021B	49338
890-4308-1 MSD	CS- 25 (1)	Total/NA	Solid	8021B	49338

Prep Batch: 49394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-41	SW-54 (3-4)	Total/NA	Solid	5035	
890-4308-42	SW-28A (0-3.5)	Total/NA	Solid	5035	
MB 880-49394/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49394/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49394/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4308-41 MS	SW-54 (3-4)	Total/NA	Solid	5035	
890-4308-41 MSD	SW-54 (3-4)	Total/NA	Solid	5035	

Analysis Batch: 49405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-41	SW-54 (3-4)	Total/NA	Solid	8021B	49394
890-4308-42	SW-28A (0-3.5)	Total/NA	Solid	8021B	49394
MB 880-49217/5-A	Method Blank	Total/NA	Solid	8021B	49217
MB 880-49394/5-A	Method Blank	Total/NA	Solid	8021B	49394
LCS 880-49394/1-A	Lab Control Sample	Total/NA	Solid	8021B	49394
LCSD 880-49394/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49394
890-4308-41 MS	SW-54 (3-4)	Total/NA	Solid	8021B	49394
890-4308-41 MSD	SW-54 (3-4)	Total/NA	Solid	8021B	49394

Analysis Batch: 49526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1	CS- 25 (1)	Total/NA	Solid	Total BTEX	
890-4308-2	CS- 26 (1)	Total/NA	Solid	Total BTEX	
890-4308-3	CS- 27 (1)	Total/NA	Solid	Total BTEX	
890-4308-4	CS- 28 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-5	CS- 29 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-6	CS- 30 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-7	CS- 31 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-8	CS- 32 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-9	CS- 33 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-10	CS- 34 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-11	CS- 35 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-12	CS- 36 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-13	CS- 37 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-14	CS- 38 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-15	CS- 39 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-16	CS- 40 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-17	CS- 41 (1-3)	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

GC VOA (Continued)

Analysis Batch: 49526 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-18	CS- 42 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-19	CS- 43 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-20	CS- 44 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-21	CS- 45 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-22	CS- 46 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-23	CS- 47 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-24	CS- 48 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-25	CS- 49 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-26	CS- 50 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-27	CS- 51 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-28	CS- 52 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-29	CS- 53 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-30	CS- 54 (1-3)	Total/NA	Solid	Total BTEX	
890-4308-31	CS- 55 (3)	Total/NA	Solid	Total BTEX	
890-4308-32	CS- 56 (3)	Total/NA	Solid	Total BTEX	
890-4308-33	CS-57 (4)	Total/NA	Solid	Total BTEX	
890-4308-34	SW- 47 (0-1)	Total/NA	Solid	Total BTEX	
890-4308-35	SW- 48 (1-2)	Total/NA	Solid	Total BTEX	
890-4308-36	SW- 49 (0-3)	Total/NA	Solid	Total BTEX	
890-4308-37	SW- 50 (0-3)	Total/NA	Solid	Total BTEX	
890-4308-38	SW- 51 (0-3)	Total/NA	Solid	Total BTEX	
890-4308-39	SW- 52 (0-3)	Total/NA	Solid	Total BTEX	
890-4308-40	SW- 53 (2-3)	Total/NA	Solid	Total BTEX	
890-4308-41	SW-54 (3-4)	Total/NA	Solid	Total BTEX	
890-4308-42	SW-28A (0-3.5)	Total/NA	Solid	Total BTEX	

Analysis Batch: 49529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-5	CS- 29 (1-3)	Total/NA	Solid	8021B	49552
890-4308-6	CS- 30 (1-3)	Total/NA	Solid	8021B	49552
890-4308-7	CS- 31 (1-3)	Total/NA	Solid	8021B	49552
890-4308-8	CS- 32 (1-3)	Total/NA	Solid	8021B	49552
890-4308-9	CS- 33 (1-3)	Total/NA	Solid	8021B	49552
890-4308-10	CS- 34 (1-3)	Total/NA	Solid	8021B	49552
890-4308-11	CS- 35 (1-3)	Total/NA	Solid	8021B	49552
890-4308-12	CS- 36 (1-3)	Total/NA	Solid	8021B	49552
890-4308-13	CS- 37 (1-3)	Total/NA	Solid	8021B	49552
890-4308-14	CS- 38 (1-3)	Total/NA	Solid	8021B	49552
890-4308-15	CS- 39 (1-3)	Total/NA	Solid	8021B	49552
890-4308-16	CS- 40 (1-3)	Total/NA	Solid	8021B	49552
890-4308-17	CS- 41 (1-3)	Total/NA	Solid	8021B	49552
890-4308-18	CS- 42 (1-3)	Total/NA	Solid	8021B	49552
890-4308-19	CS- 43 (1-3)	Total/NA	Solid	8021B	49552
890-4308-20	CS- 44 (1-3)	Total/NA	Solid	8021B	49552
MB 880-49230/5-A	Method Blank	Total/NA	Solid	8021B	49230
MB 880-49552/5-A	Method Blank	Total/NA	Solid	8021B	49552
LCS 880-49552/1-A	Lab Control Sample	Total/NA	Solid	8021B	49552
LCSD 880-49552/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49552
890-4308-5 MS	CS- 29 (1-3)	Total/NA	Solid	8021B	49552
890-4308-5 MSD	CS- 29 (1-3)	Total/NA	Solid	8021B	49552

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

GC VOA

Analysis Batch: 49531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-21	CS- 45 (1-3)	Total/NA	Solid	8021B	49339
890-4308-22	CS- 46 (1-3)	Total/NA	Solid	8021B	49339
890-4308-23	CS- 47 (1-3)	Total/NA	Solid	8021B	49339
890-4308-24	CS- 48 (1-3)	Total/NA	Solid	8021B	49339
890-4308-25	CS- 49 (1-3)	Total/NA	Solid	8021B	49339
890-4308-26	CS- 50 (1-3)	Total/NA	Solid	8021B	49339
890-4308-27	CS- 51 (1-3)	Total/NA	Solid	8021B	49339
890-4308-28	CS- 52 (1-3)	Total/NA	Solid	8021B	49339
890-4308-29	CS- 53 (1-3)	Total/NA	Solid	8021B	49339
890-4308-30	CS- 54 (1-3)	Total/NA	Solid	8021B	49339
890-4308-31	CS- 55 (3)	Total/NA	Solid	8021B	49339
890-4308-32	CS- 56 (3)	Total/NA	Solid	8021B	49339
890-4308-33	CS-57 (4)	Total/NA	Solid	8021B	49339
890-4308-34	SW- 47 (0-1)	Total/NA	Solid	8021B	49339
890-4308-35	SW- 48 (1-2)	Total/NA	Solid	8021B	49339
890-4308-36	SW- 49 (0-3)	Total/NA	Solid	8021B	49339
890-4308-37	SW- 50 (0-3)	Total/NA	Solid	8021B	49339
890-4308-38	SW- 51 (0-3)	Total/NA	Solid	8021B	49339
890-4308-39	SW- 52 (0-3)	Total/NA	Solid	8021B	49339
890-4308-40	SW- 53 (2-3)	Total/NA	Solid	8021B	49339
MB 880-49339/5-A	Method Blank	Total/NA	Solid	8021B	49339
LCS 880-49339/1-A	Lab Control Sample	Total/NA	Solid	8021B	49339
LCSD 880-49339/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49339
890-4308-21 MS	CS- 45 (1-3)	Total/NA	Solid	8021B	49339
890-4308-21 MSD	CS- 45 (1-3)	Total/NA	Solid	8021B	49339

Prep Batch: 49552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-5	CS- 29 (1-3)	Total/NA	Solid	5035	
890-4308-6	CS- 30 (1-3)	Total/NA	Solid	5035	
890-4308-7	CS- 31 (1-3)	Total/NA	Solid	5035	
890-4308-8	CS- 32 (1-3)	Total/NA	Solid	5035	
890-4308-9	CS- 33 (1-3)	Total/NA	Solid	5035	
890-4308-10	CS- 34 (1-3)	Total/NA	Solid	5035	
890-4308-11	CS- 35 (1-3)	Total/NA	Solid	5035	
890-4308-12	CS- 36 (1-3)	Total/NA	Solid	5035	
890-4308-13	CS- 37 (1-3)	Total/NA	Solid	5035	
890-4308-14	CS- 38 (1-3)	Total/NA	Solid	5035	
890-4308-15	CS- 39 (1-3)	Total/NA	Solid	5035	
890-4308-16	CS- 40 (1-3)	Total/NA	Solid	5035	
890-4308-17	CS- 41 (1-3)	Total/NA	Solid	5035	
890-4308-18	CS- 42 (1-3)	Total/NA	Solid	5035	
890-4308-19	CS- 43 (1-3)	Total/NA	Solid	5035	
890-4308-20	CS- 44 (1-3)	Total/NA	Solid	5035	
MB 880-49552/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49552/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49552/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4308-5 MS	CS- 29 (1-3)	Total/NA	Solid	5035	
890-4308-5 MSD	CS- 29 (1-3)	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

GC Semi VOA

Analysis Batch: 48874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1	CS- 25 (1)	Total/NA	Solid	8015B NM	48880
890-4308-2	CS- 26 (1)	Total/NA	Solid	8015B NM	48880
890-4308-3	CS- 27 (1)	Total/NA	Solid	8015B NM	48880
890-4308-4	CS- 28 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-5	CS- 29 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-6	CS- 30 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-7	CS- 31 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-8	CS- 32 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-9	CS- 33 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-10	CS- 34 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-11	CS- 35 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-12	CS- 36 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-13	CS- 37 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-14	CS- 38 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-15	CS- 39 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-16	CS- 40 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-17	CS- 41 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-18	CS- 42 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-19	CS- 43 (1-3)	Total/NA	Solid	8015B NM	48880
890-4308-20	CS- 44 (1-3)	Total/NA	Solid	8015B NM	48880
MB 880-48880/1-A	Method Blank	Total/NA	Solid	8015B NM	48880
LCS 880-48880/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48880
LCSD 880-48880/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48880
890-4308-1 MS	CS- 25 (1)	Total/NA	Solid	8015B NM	48880
890-4308-1 MSD	CS- 25 (1)	Total/NA	Solid	8015B NM	48880

Prep Batch: 48880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1	CS- 25 (1)	Total/NA	Solid	8015NM Prep	
890-4308-2	CS- 26 (1)	Total/NA	Solid	8015NM Prep	
890-4308-3	CS- 27 (1)	Total/NA	Solid	8015NM Prep	
890-4308-4	CS- 28 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-5	CS- 29 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-6	CS- 30 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-7	CS- 31 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-8	CS- 32 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-9	CS- 33 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-10	CS- 34 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-11	CS- 35 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-12	CS- 36 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-13	CS- 37 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-14	CS- 38 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-15	CS- 39 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-16	CS- 40 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-17	CS- 41 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-18	CS- 42 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-19	CS- 43 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-20	CS- 44 (1-3)	Total/NA	Solid	8015NM Prep	
MB 880-48880/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48880/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48880/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

GC Semi VOA (Continued)

Prep Batch: 48880 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1 MS	CS- 25 (1)	Total/NA	Solid	8015NM Prep	
890-4308-1 MSD	CS- 25 (1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 48881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-21	CS- 45 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-22	CS- 46 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-23	CS- 47 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-24	CS- 48 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-25	CS- 49 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-26	CS- 50 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-27	CS- 51 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-28	CS- 52 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-29	CS- 53 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-30	CS- 54 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-31	CS- 55 (3)	Total/NA	Solid	8015NM Prep	
890-4308-32	CS- 56 (3)	Total/NA	Solid	8015NM Prep	
890-4308-33	CS-57 (4)	Total/NA	Solid	8015NM Prep	
890-4308-34	SW- 47 (0-1)	Total/NA	Solid	8015NM Prep	
890-4308-35	SW- 48 (1-2)	Total/NA	Solid	8015NM Prep	
890-4308-36	SW- 49 (0-3)	Total/NA	Solid	8015NM Prep	
890-4308-37	SW- 50 (0-3)	Total/NA	Solid	8015NM Prep	
890-4308-38	SW- 51 (0-3)	Total/NA	Solid	8015NM Prep	
890-4308-39	SW- 52 (0-3)	Total/NA	Solid	8015NM Prep	
890-4308-40	SW- 53 (2-3)	Total/NA	Solid	8015NM Prep	
MB 880-48881/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48881/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48881/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4308-21 MS	CS- 45 (1-3)	Total/NA	Solid	8015NM Prep	
890-4308-21 MSD	CS- 45 (1-3)	Total/NA	Solid	8015NM Prep	

Prep Batch: 48884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-41	SW-54 (3-4)	Total/NA	Solid	8015NM Prep	
890-4308-42	SW-28A (0-3.5)	Total/NA	Solid	8015NM Prep	
MB 880-48884/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48884/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48884/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4308-41 MS	SW-54 (3-4)	Total/NA	Solid	8015NM Prep	
890-4308-41 MSD	SW-54 (3-4)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 48906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-21	CS- 45 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-22	CS- 46 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-23	CS- 47 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-24	CS- 48 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-25	CS- 49 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-26	CS- 50 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-27	CS- 51 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-28	CS- 52 (1-3)	Total/NA	Solid	8015B NM	48881

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

GC Semi VOA (Continued)

Analysis Batch: 48906 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-29	CS- 53 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-30	CS- 54 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-31	CS- 55 (3)	Total/NA	Solid	8015B NM	48881
890-4308-32	CS- 56 (3)	Total/NA	Solid	8015B NM	48881
890-4308-33	CS-57 (4)	Total/NA	Solid	8015B NM	48881
890-4308-34	SW- 47 (0-1)	Total/NA	Solid	8015B NM	48881
890-4308-35	SW- 48 (1-2)	Total/NA	Solid	8015B NM	48881
890-4308-36	SW- 49 (0-3)	Total/NA	Solid	8015B NM	48881
890-4308-37	SW- 50 (0-3)	Total/NA	Solid	8015B NM	48881
890-4308-38	SW- 51 (0-3)	Total/NA	Solid	8015B NM	48881
890-4308-39	SW- 52 (0-3)	Total/NA	Solid	8015B NM	48881
890-4308-40	SW- 53 (2-3)	Total/NA	Solid	8015B NM	48881
MB 880-48881/1-A	Method Blank	Total/NA	Solid	8015B NM	48881
LCS 880-48881/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48881
LCSD 880-48881/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48881
890-4308-21 MS	CS- 45 (1-3)	Total/NA	Solid	8015B NM	48881
890-4308-21 MSD	CS- 45 (1-3)	Total/NA	Solid	8015B NM	48881

Analysis Batch: 48908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-41	SW-54 (3-4)	Total/NA	Solid	8015B NM	48884
890-4308-42	SW-28A (0-3.5)	Total/NA	Solid	8015B NM	48884
MB 880-48884/1-A	Method Blank	Total/NA	Solid	8015B NM	48884
LCS 880-48884/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48884
LCSD 880-48884/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48884
890-4308-41 MS	SW-54 (3-4)	Total/NA	Solid	8015B NM	48884
890-4308-41 MSD	SW-54 (3-4)	Total/NA	Solid	8015B NM	48884

Analysis Batch: 49257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1	CS- 25 (1)	Total/NA	Solid	8015 NM	
890-4308-2	CS- 26 (1)	Total/NA	Solid	8015 NM	
890-4308-3	CS- 27 (1)	Total/NA	Solid	8015 NM	
890-4308-4	CS- 28 (1-3)	Total/NA	Solid	8015 NM	
890-4308-5	CS- 29 (1-3)	Total/NA	Solid	8015 NM	
890-4308-6	CS- 30 (1-3)	Total/NA	Solid	8015 NM	
890-4308-7	CS- 31 (1-3)	Total/NA	Solid	8015 NM	
890-4308-8	CS- 32 (1-3)	Total/NA	Solid	8015 NM	
890-4308-9	CS- 33 (1-3)	Total/NA	Solid	8015 NM	
890-4308-10	CS- 34 (1-3)	Total/NA	Solid	8015 NM	
890-4308-11	CS- 35 (1-3)	Total/NA	Solid	8015 NM	
890-4308-12	CS- 36 (1-3)	Total/NA	Solid	8015 NM	
890-4308-13	CS- 37 (1-3)	Total/NA	Solid	8015 NM	
890-4308-14	CS- 38 (1-3)	Total/NA	Solid	8015 NM	
890-4308-15	CS- 39 (1-3)	Total/NA	Solid	8015 NM	
890-4308-16	CS- 40 (1-3)	Total/NA	Solid	8015 NM	
890-4308-17	CS- 41 (1-3)	Total/NA	Solid	8015 NM	
890-4308-18	CS- 42 (1-3)	Total/NA	Solid	8015 NM	
890-4308-19	CS- 43 (1-3)	Total/NA	Solid	8015 NM	
890-4308-20	CS- 44 (1-3)	Total/NA	Solid	8015 NM	
890-4308-21	CS- 45 (1-3)	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

GC Semi VOA (Continued)

Analysis Batch: 49257 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-22	CS- 46 (1-3)	Total/NA	Solid	8015 NM	
890-4308-23	CS- 47 (1-3)	Total/NA	Solid	8015 NM	
890-4308-24	CS- 48 (1-3)	Total/NA	Solid	8015 NM	
890-4308-25	CS- 49 (1-3)	Total/NA	Solid	8015 NM	
890-4308-26	CS- 50 (1-3)	Total/NA	Solid	8015 NM	
890-4308-27	CS- 51 (1-3)	Total/NA	Solid	8015 NM	
890-4308-28	CS- 52 (1-3)	Total/NA	Solid	8015 NM	
890-4308-29	CS- 53 (1-3)	Total/NA	Solid	8015 NM	
890-4308-30	CS- 54 (1-3)	Total/NA	Solid	8015 NM	
890-4308-31	CS- 55 (3)	Total/NA	Solid	8015 NM	
890-4308-32	CS- 56 (3)	Total/NA	Solid	8015 NM	
890-4308-33	CS-57 (4)	Total/NA	Solid	8015 NM	
890-4308-34	SW- 47 (0-1)	Total/NA	Solid	8015 NM	
890-4308-35	SW- 48 (1-2)	Total/NA	Solid	8015 NM	
890-4308-36	SW- 49 (0-3)	Total/NA	Solid	8015 NM	
890-4308-37	SW- 50 (0-3)	Total/NA	Solid	8015 NM	
890-4308-38	SW- 51 (0-3)	Total/NA	Solid	8015 NM	
890-4308-39	SW- 52 (0-3)	Total/NA	Solid	8015 NM	
890-4308-40	SW- 53 (2-3)	Total/NA	Solid	8015 NM	
890-4308-41	SW-54 (3-4)	Total/NA	Solid	8015 NM	
890-4308-42	SW-28A (0-3.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 48963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-21	CS- 45 (1-3)	Soluble	Solid	DI Leach	
890-4308-22	CS- 46 (1-3)	Soluble	Solid	DI Leach	
890-4308-23	CS- 47 (1-3)	Soluble	Solid	DI Leach	
890-4308-24	CS- 48 (1-3)	Soluble	Solid	DI Leach	
890-4308-25	CS- 49 (1-3)	Soluble	Solid	DI Leach	
890-4308-26	CS- 50 (1-3)	Soluble	Solid	DI Leach	
890-4308-27	CS- 51 (1-3)	Soluble	Solid	DI Leach	
890-4308-28	CS- 52 (1-3)	Soluble	Solid	DI Leach	
890-4308-29	CS- 53 (1-3)	Soluble	Solid	DI Leach	
890-4308-30	CS- 54 (1-3)	Soluble	Solid	DI Leach	
890-4308-31	CS- 55 (3)	Soluble	Solid	DI Leach	
890-4308-32	CS- 56 (3)	Soluble	Solid	DI Leach	
890-4308-33	CS-57 (4)	Soluble	Solid	DI Leach	
890-4308-34	SW- 47 (0-1)	Soluble	Solid	DI Leach	
890-4308-35	SW- 48 (1-2)	Soluble	Solid	DI Leach	
890-4308-36	SW- 49 (0-3)	Soluble	Solid	DI Leach	
890-4308-37	SW- 50 (0-3)	Soluble	Solid	DI Leach	
890-4308-38	SW- 51 (0-3)	Soluble	Solid	DI Leach	
890-4308-39	SW- 52 (0-3)	Soluble	Solid	DI Leach	
890-4308-40	SW- 53 (2-3)	Soluble	Solid	DI Leach	
MB 880-48963/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48963/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48963/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4308-21 MS	CS- 45 (1-3)	Soluble	Solid	DI Leach	
890-4308-21 MSD	CS- 45 (1-3)	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

HPLC/IC (Continued)

Leach Batch: 48963 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-31 MS	CS- 55 (3)	Soluble	Solid	DI Leach	
890-4308-31 MSD	CS- 55 (3)	Soluble	Solid	DI Leach	

Leach Batch: 48965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1	CS- 25 (1)	Soluble	Solid	DI Leach	
890-4308-2	CS- 26 (1)	Soluble	Solid	DI Leach	
890-4308-3	CS- 27 (1)	Soluble	Solid	DI Leach	
890-4308-4	CS- 28 (1-3)	Soluble	Solid	DI Leach	
890-4308-5	CS- 29 (1-3)	Soluble	Solid	DI Leach	
890-4308-6	CS- 30 (1-3)	Soluble	Solid	DI Leach	
890-4308-7	CS- 31 (1-3)	Soluble	Solid	DI Leach	
890-4308-8	CS- 32 (1-3)	Soluble	Solid	DI Leach	
890-4308-9	CS- 33 (1-3)	Soluble	Solid	DI Leach	
890-4308-10	CS- 34 (1-3)	Soluble	Solid	DI Leach	
890-4308-11	CS- 35 (1-3)	Soluble	Solid	DI Leach	
890-4308-12	CS- 36 (1-3)	Soluble	Solid	DI Leach	
890-4308-13	CS- 37 (1-3)	Soluble	Solid	DI Leach	
890-4308-14	CS- 38 (1-3)	Soluble	Solid	DI Leach	
890-4308-15	CS- 39 (1-3)	Soluble	Solid	DI Leach	
890-4308-16	CS- 40 (1-3)	Soluble	Solid	DI Leach	
890-4308-17	CS- 41 (1-3)	Soluble	Solid	DI Leach	
890-4308-18	CS- 42 (1-3)	Soluble	Solid	DI Leach	
890-4308-19	CS- 43 (1-3)	Soluble	Solid	DI Leach	
890-4308-20	CS- 44 (1-3)	Soluble	Solid	DI Leach	
MB 880-48965/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48965/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48965/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4308-1 MS	CS- 25 (1)	Soluble	Solid	DI Leach	
890-4308-1 MSD	CS- 25 (1)	Soluble	Solid	DI Leach	
890-4308-11 MS	CS- 35 (1-3)	Soluble	Solid	DI Leach	
890-4308-11 MSD	CS- 35 (1-3)	Soluble	Solid	DI Leach	

Leach Batch: 48967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-41	SW-54 (3-4)	Soluble	Solid	DI Leach	
890-4308-42	SW-28A (0-3.5)	Soluble	Solid	DI Leach	
MB 880-48967/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48967/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48967/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-25949-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-25949-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 49323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-41	SW-54 (3-4)	Soluble	Solid	300.0	48967
890-4308-42	SW-28A (0-3.5)	Soluble	Solid	300.0	48967
MB 880-48967/1-A	Method Blank	Soluble	Solid	300.0	48967
LCS 880-48967/2-A	Lab Control Sample	Soluble	Solid	300.0	48967
LCSD 880-48967/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48967
880-25949-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	48967

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QC Association Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

HPLC/IC (Continued)

Analysis Batch: 49323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25949-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	48967

Analysis Batch: 49411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-1	CS- 25 (1)	Soluble	Solid	300.0	48965
890-4308-2	CS- 26 (1)	Soluble	Solid	300.0	48965
890-4308-3	CS- 27 (1)	Soluble	Solid	300.0	48965
890-4308-4	CS- 28 (1-3)	Soluble	Solid	300.0	48965
890-4308-5	CS- 29 (1-3)	Soluble	Solid	300.0	48965
890-4308-6	CS- 30 (1-3)	Soluble	Solid	300.0	48965
890-4308-7	CS- 31 (1-3)	Soluble	Solid	300.0	48965
890-4308-8	CS- 32 (1-3)	Soluble	Solid	300.0	48965
890-4308-9	CS- 33 (1-3)	Soluble	Solid	300.0	48965
890-4308-10	CS- 34 (1-3)	Soluble	Solid	300.0	48965
890-4308-11	CS- 35 (1-3)	Soluble	Solid	300.0	48965
890-4308-12	CS- 36 (1-3)	Soluble	Solid	300.0	48965
890-4308-13	CS- 37 (1-3)	Soluble	Solid	300.0	48965
890-4308-14	CS- 38 (1-3)	Soluble	Solid	300.0	48965
890-4308-15	CS- 39 (1-3)	Soluble	Solid	300.0	48965
890-4308-16	CS- 40 (1-3)	Soluble	Solid	300.0	48965
890-4308-17	CS- 41 (1-3)	Soluble	Solid	300.0	48965
890-4308-18	CS- 42 (1-3)	Soluble	Solid	300.0	48965
890-4308-19	CS- 43 (1-3)	Soluble	Solid	300.0	48965
890-4308-20	CS- 44 (1-3)	Soluble	Solid	300.0	48965
MB 880-48965/1-A	Method Blank	Soluble	Solid	300.0	48965
LCS 880-48965/2-A	Lab Control Sample	Soluble	Solid	300.0	48965
LCSD 880-48965/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48965
890-4308-1 MS	CS- 25 (1)	Soluble	Solid	300.0	48965
890-4308-1 MSD	CS- 25 (1)	Soluble	Solid	300.0	48965
890-4308-11 MS	CS- 35 (1-3)	Soluble	Solid	300.0	48965
890-4308-11 MSD	CS- 35 (1-3)	Soluble	Solid	300.0	48965

Analysis Batch: 49413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-21	CS- 45 (1-3)	Soluble	Solid	300.0	48963
890-4308-22	CS- 46 (1-3)	Soluble	Solid	300.0	48963
890-4308-23	CS- 47 (1-3)	Soluble	Solid	300.0	48963
890-4308-24	CS- 48 (1-3)	Soluble	Solid	300.0	48963
890-4308-25	CS- 49 (1-3)	Soluble	Solid	300.0	48963
890-4308-26	CS- 50 (1-3)	Soluble	Solid	300.0	48963
890-4308-27	CS- 51 (1-3)	Soluble	Solid	300.0	48963
890-4308-28	CS- 52 (1-3)	Soluble	Solid	300.0	48963
890-4308-29	CS- 53 (1-3)	Soluble	Solid	300.0	48963
890-4308-30	CS- 54 (1-3)	Soluble	Solid	300.0	48963
890-4308-31	CS- 55 (3)	Soluble	Solid	300.0	48963
890-4308-32	CS- 56 (3)	Soluble	Solid	300.0	48963
890-4308-33	CS-57 (4)	Soluble	Solid	300.0	48963
890-4308-34	SW- 47 (0-1)	Soluble	Solid	300.0	48963
890-4308-35	SW- 48 (1-2)	Soluble	Solid	300.0	48963
890-4308-36	SW- 49 (0-3)	Soluble	Solid	300.0	48963
890-4308-37	SW- 50 (0-3)	Soluble	Solid	300.0	48963

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QC Association Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

HPLC/IC (Continued)

Analysis Batch: 49413 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-38	SW- 51 (0-3)	Soluble	Solid	300.0	48963
890-4308-39	SW- 52 (0-3)	Soluble	Solid	300.0	48963
890-4308-40	SW- 53 (2-3)	Soluble	Solid	300.0	48963
MB 880-48963/1-A	Method Blank	Soluble	Solid	300.0	48963
LCS 880-48963/2-A	Lab Control Sample	Soluble	Solid	300.0	48963
LCSD 880-48963/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48963
890-4308-21 MS	CS- 45 (1-3)	Soluble	Solid	300.0	48963
890-4308-21 MSD	CS- 45 (1-3)	Soluble	Solid	300.0	48963
890-4308-31 MS	CS- 55 (3)	Soluble	Solid	300.0	48963
890-4308-31 MSD	CS- 55 (3)	Soluble	Solid	300.0	48963

Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 25 (1)

Lab Sample ID: 890-4308-1

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49338	03/23/23 15:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49363	03/26/23 07:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/18/23 21:34	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 02:57	SMC	EET MID

Client Sample ID: CS- 26 (1)

Lab Sample ID: 890-4308-2

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	49338	03/23/23 15:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49363	03/26/23 07:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/18/23 22:38	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 03:12	SMC	EET MID

Client Sample ID: CS- 27 (1)

Lab Sample ID: 890-4308-3

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49338	03/23/23 15:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49363	03/26/23 08:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/18/23 22:59	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 03:16	SMC	EET MID

Client Sample ID: CS- 28 (1-3)

Lab Sample ID: 890-4308-4

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49338	03/23/23 15:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49363	03/26/23 08:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:35	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 28 (1-3)

Lab Sample ID: 890-4308-4

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/18/23 23:20	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 03:21	SMC	EET MID

Client Sample ID: CS- 29 (1-3)

Lab Sample ID: 890-4308-5

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/18/23 23:42	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 03:26	SMC	EET MID

Client Sample ID: CS- 30 (1-3)

Lab Sample ID: 890-4308-6

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 00:03	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 03:41	SMC	EET MID

Client Sample ID: CS- 31 (1-3)

Lab Sample ID: 890-4308-7

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 00:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 00:24	AJ	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 31 (1-3)

Lab Sample ID: 890-4308-7

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49411	03/23/23 03:46	SMC	EET MID

Client Sample ID: CS- 32 (1-3)

Lab Sample ID: 890-4308-8

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 00:46	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 03:50	SMC	EET MID

Client Sample ID: CS- 33 (1-3)

Lab Sample ID: 890-4308-9

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43.97 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 01:07	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 03:55	SMC	EET MID

Client Sample ID: CS- 34 (1-3)

Lab Sample ID: 890-4308-10

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 01:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 01:29	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 04:00	SMC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 35 (1-3)

Lab Sample ID: 890-4308-11

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 02:11	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49411	03/23/23 04:05	SMC	EET MID

Client Sample ID: CS- 36 (1-3)

Lab Sample ID: 890-4308-12

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 05:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 02:32	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 04:19	SMC	EET MID

Client Sample ID: CS- 37 (1-3)

Lab Sample ID: 890-4308-13

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 02:54	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 04:24	SMC	EET MID

Client Sample ID: CS- 38 (1-3)

Lab Sample ID: 890-4308-14

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 38 (1-3)

Lab Sample ID: 890-4308-14

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 03:15	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 04:39	SMC	EET MID

Client Sample ID: CS- 39 (1-3)

Lab Sample ID: 890-4308-15

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 06:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 03:36	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 04:44	SMC	EET MID

Client Sample ID: CS- 40 (1-3)

Lab Sample ID: 890-4308-16

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 06:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 03:57	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 04:49	SMC	EET MID

Client Sample ID: CS- 41 (1-3)

Lab Sample ID: 890-4308-17

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 06:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 04:18	AJ	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 41 (1-3)

Lab Sample ID: 890-4308-17

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 04:53	SMC	EET MID

Client Sample ID: CS- 42 (1-3)

Lab Sample ID: 890-4308-18

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 07:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 04:40	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 04:58	SMC	EET MID

Client Sample ID: CS- 43 (1-3)

Lab Sample ID: 890-4308-19

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 07:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 05:01	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 05:03	SMC	EET MID

Client Sample ID: CS- 44 (1-3)

Lab Sample ID: 890-4308-20

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49529	03/27/23 07:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48880	03/18/23 09:36	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48874	03/19/23 05:22	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48965	03/20/23 10:52	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49411	03/23/23 05:08	SMC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 45 (1-3)

Lab Sample ID: 890-4308-21

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48881	03/18/23 09:37	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 11:28	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 05:33	SMC	EET MID

Client Sample ID: CS- 46 (1-3)

Lab Sample ID: 890-4308-22

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48881	03/18/23 09:37	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 12:34	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 05:48	SMC	EET MID

Client Sample ID: CS- 47 (1-3)

Lab Sample ID: 890-4308-23

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48881	03/18/23 09:37	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 12:56	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 05:53	SMC	EET MID

Client Sample ID: CS- 48 (1-3)

Lab Sample ID: 890-4308-24

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 15:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 48 (1-3)

Lab Sample ID: 890-4308-24

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48881	03/18/23 09:37	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 13:18	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 05:57	SMC	EET MID

Client Sample ID: CS- 49 (1-3)

Lab Sample ID: 890-4308-25

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 13:40	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 06:02	SMC	EET MID

Client Sample ID: CS- 50 (1-3)

Lab Sample ID: 890-4308-26

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 15:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 14:02	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 06:17	SMC	EET MID

Client Sample ID: CS- 51 (1-3)

Lab Sample ID: 890-4308-27

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 16:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 14:25	AJ	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: CS- 51 (1-3)

Lab Sample ID: 890-4308-27

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 06:22	SMC	EET MID

Client Sample ID: CS- 52 (1-3)

Lab Sample ID: 890-4308-28

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 14:47	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 06:26	SMC	EET MID

Client Sample ID: CS- 53 (1-3)

Lab Sample ID: 890-4308-29

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 17:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 15:09	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 06:31	SMC	EET MID

Client Sample ID: CS- 54 (1-3)

Lab Sample ID: 890-4308-30

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 15:31	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 06:36	SMC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: CS- 55 (3)

Lab Sample ID: 890-4308-31

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 16:15	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 06:41	SMC	EET MID

Client Sample ID: CS- 56 (3)

Lab Sample ID: 890-4308-32

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 19:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 16:36	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 06:56	SMC	EET MID

Client Sample ID: CS-57 (4)

Lab Sample ID: 890-4308-33

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 19:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 16:58	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 07:00	SMC	EET MID

Client Sample ID: SW- 47 (0-1)

Lab Sample ID: 890-4308-34

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 19:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW- 47 (0-1)

Lab Sample ID: 890-4308-34

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 17:19	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 07:15	SMC	EET MID

Client Sample ID: SW- 48 (1-2)

Lab Sample ID: 890-4308-35

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 20:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.031 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 17:41	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 07:20	SMC	EET MID

Client Sample ID: SW- 49 (0-3)

Lab Sample ID: 890-4308-36

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 20:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 18:02	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 07:25	SMC	EET MID

Client Sample ID: SW- 50 (0-3)

Lab Sample ID: 890-4308-37

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 20:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 18:23	AJ	EET MID

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Lab Chronicle

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Client Sample ID: SW- 50 (0-3)

Lab Sample ID: 890-4308-37

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 07:29	SMC	EET MID

Client Sample ID: SW- 51 (0-3)

Lab Sample ID: 890-4308-38

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 21:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 18:45	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 07:34	SMC	EET MID

Client Sample ID: SW- 52 (0-3)

Lab Sample ID: 890-4308-39

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 21:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 19:06	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 07:39	SMC	EET MID

Client Sample ID: SW- 53 (2-3)

Lab Sample ID: 890-4308-40

Date Collected: 03/14/23 00:00

Matrix: Solid

Date Received: 03/14/23 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49339	03/23/23 15:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49531	03/26/23 21:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/27/23 10:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48881	03/18/23 09:38	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48906	03/19/23 19:27	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	48963	03/20/23 10:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49413	03/23/23 07:44	SMC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Client Sample ID: SW-54 (3-4)
Date Collected: 03/14/23 00:00
Date Received: 03/14/23 15:50

Lab Sample ID: 890-4308-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49394	03/24/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49405	03/26/23 01:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/26/23 08:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48884	03/18/23 09:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48908	03/19/23 11:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48967	03/20/23 10:55	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49323	03/22/23 21:58	SMC	EET MID

Client Sample ID: SW-28A (0-3.5)
Date Collected: 03/14/23 00:00
Date Received: 03/14/23 15:50

Lab Sample ID: 890-4308-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49394	03/24/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49405	03/26/23 02:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49526	03/26/23 08:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49257	03/22/23 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48884	03/18/23 09:50	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48908	03/19/23 12:34	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	48967	03/20/23 10:55	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49323	03/22/23 22:03	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Sombrero 18 Federal Com TB

Job ID: 890-4308-1
SDG: 226530

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global

Job ID: 890-4308-1

Project/Site: Sombrero 18 Federal Com TB

SDG: 226530

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4308-1	CS- 25 (1)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-2	CS- 26 (1)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-3	CS- 27 (1)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-4	CS- 28 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-5	CS- 29 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-6	CS- 30 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-7	CS- 31 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-8	CS- 32 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-9	CS- 33 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-10	CS- 34 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-11	CS- 35 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-12	CS- 36 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-13	CS- 37 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-14	CS- 38 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-15	CS- 39 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-16	CS- 40 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-17	CS- 41 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-18	CS- 42 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-19	CS- 43 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-20	CS- 44 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-21	CS- 45 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-22	CS- 46 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-23	CS- 47 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-24	CS- 48 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-25	CS- 49 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-26	CS- 50 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-27	CS- 51 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-28	CS- 52 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-29	CS- 53 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-30	CS- 54 (1-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-31	CS- 55 (3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-32	CS- 56 (3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-33	CS-57 (4)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-34	SW- 47 (0-1)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-35	SW- 48 (1-2)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-36	SW- 49 (0-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-37	SW- 50 (0-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-38	SW- 51 (0-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-39	SW- 52 (0-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-40	SW- 53 (2-3)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-41	SW-54 (3-4)	Solid	03/14/23 00:00	03/14/23 15:50
890-4308-42	SW-28A (0-3.5)	Solid	03/14/23 00:00	03/14/23 15:50



Chain of Custody

Work Order No: _____

Page 1 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☒ Supe ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ Ld ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name: Sombbrero 18 Federal Com TB		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes						
Project Number: 226530		☒ Routine ☐ Rush		Due Date:		 890-4308 Chain of Custody										None: NO DI Water: H ₂ O						
Project Location: Lea County, NM		TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool MeOH: Me						
Sampler's Name: Kenny Han																HCL: HC HNO ₃ : HN						
PO #:																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: TM-007				NaHSO ₄ : NABIS																
Cooler Custody Seals: Yes ☐ No ☒ N/A		Correction Factor: -0.2				Na ₂ S ₂ O ₃ : NaSO ₃																
Sample Custody Seals: Yes ☐ No ☒ N/A		Temperature Reading: 2.4				Zn Acetate+NaOH: Zn																
Total Containers: 42		Corrected Temperature: 2.2				NaOH+Ascorbic Acid: SAPC																
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments				
CS-25 (1)		3/14/2023		x		comp	1	x	x	x												
CS-26 (1)		3/14/2023		x		comp	1	x	x	x												
CS-27 (1)		3/14/2023		x		comp	1	x	x	x												
CS-28 (1-3)		3/14/2023		x		comp	1	x	x	x												
CS-29 (1-3)		3/14/2023		x		comp	1	x	x	x												
CS-30 (1-3)		3/14/2023		x		comp	1	x	x	x												
CS-31 (1-3)		3/14/2023		x		comp	1	x	x	x												
CS-32 (1-3)		3/14/2023		x		comp	1	x	x	x												
CS-33 (1-3)		3/14/2023		x		comp	1	x	x	x												
CS-34 (1-3)		3/14/2023		x		comp	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		3-14-23 1550			
3					
5					

Revised Date 05/12/2020 Rev. 2020 1



Chain of Custody

Work Order No: _____

Page 2 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ L ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Sombrero 18 Federal Com TB		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		226530		☒ Routine ☐ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, 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 #:																				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:																Zn Acetate+NaOH: Zn							
Total Containers:		42		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-35 (1-3)		3/14/2023				x				comp		1		x x x													
CS-36 (1-3)		3/14/2023				x				comp		1		x x x													
CS-37 (1-3)		3/14/2023				x				comp		1		x x x													
CS-38 (1-3)		3/14/2023				x				comp		1		x x x													
CS-39 (1-3)		3/14/2023				x				comp		1		x x x													
CS-40 (1-3)		3/14/2023				x				comp		1		x x x													
CS-41 (1-3)		3/14/2023				x				comp		1		x x x													
CS-42 (1-3)		3/14/2023				x				comp		1		x x x													
CS-43 (1-3)		3/14/2023				x				comp		1		x x x													
CS-44 (1-3)		3/14/2023				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
1 <i>Kenny Han</i>	<i>Amberla Stutz</i>	3-14-23 (552)	2		
3			4		
5			6		

Revised Date 05/12/2020 Rev. 2020.1



Chain of Custody

Work Order No: _____

Page 3 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐	PR ☐ Brownfield ☐ R ☐ Superfund ☐
State of Project:	
Reporting: Level ☐	Level ☐ PST/U ☐ TR ☐ L ☐
Deliverables: EDD ☐	ADaPT ☐ Other: _____

Project Name:		Sombrero 18 Federal Com TB		Turn Around		ANALYSIS REQUEST																Preservative Codes			
Project Number:		226530		☒ Routine ☐ Rush		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																None: NO		DI Water: H ₂ O	
Project Location		Lea County, 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 #:																						H ₂ SO ₄ : H ₂		NaOH: Na	
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		HOLD H₃PO₄: HP NaHSO₄: NABIS Na₂S₂O₃: NaSO₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC															
Received Intact:		Yes No		Thermometer ID:																					
Cooler Custody Seals:		Yes No N/A		Correction Factor:																					
Sample Custody Seals:		Yes No N/A		Temperature Reading:																					
Total Containers:		42		Corrected Temperature:																					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments	
CS-45 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-46 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-47 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-48 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-49 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-50 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-51 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-52 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-53 (1-3)	3/14/2023			x		comp	1	x	x	x															
CS-54 (1-3)	3/14/2023			x		comp	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>	<i>[Signature]</i>	3-14-23 1550 ⁽²⁾			
3					
5					

Revised Date 05/01/2020 Rev. 2020.1



Chain of Custody

Work Order No: _____

Page 4 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ L ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Sombrero 18 Federal Com TB		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes				
Project Number:		226530		☒ Routine ☐ Rush		Code														None: NO DI Water: H ₂ O				
Project Location		Lea County, 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 #:																				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:																Zn Acetate+NaOH: Zn				
Total Containers:		42		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
CS-55 (3)		3/14/2023		x		comp	1	x	x	x														
CS-56 (3)		3/14/2023		x		comp	1	x	x	x														
CS-57 (4)		3/14/2023		x		comp	1	x	x	x														
SW-47 (0-1)		3/14/2023		x		comp	1	x	x	x														
SW-48 (1-2)		3/14/2023		x		comp	1	x	x	x														
SW-49 (0-3)		3/14/2023		x		comp	1	x	x	x														
SW-50 (0-3)		3/14/2023		x		comp	1	x	x	x														
SW-51 (0-3)		3/14/2023		x		comp	1	x	x	x														
SW-52 (0-3)		3/14/2023		x		comp	1	x	x	x														
SW-53 (2-3)		3/14/2023		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
1 <i>Kenny Han</i>	<i>Amara Stief</i>	3-14-23 1552			
3					
5					

Revised Date 05/12/2020 Rev. 2020.1



Chain of Custody

Work Order No: _____

Page 5 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments				
Program:	UST/PS	PR	Brownfie	Sup
State of Project:				
Reporting:Level	Level	PST/U	TR	Le
Deliverables:	EDD	ADaP	Other:	

[illegible]

Additional Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1				3-14-23 1552	4				
3					5				
5					6				

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4308-1

SDG Number: 226530

Login Number: 4308

List Number: 1

Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4308-1

SDG Number: 226530

Login Number: 4308

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 03/16/23 10:28 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



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

March 27, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SOMBRERO 18 FEDERAL COM TB

Enclosed are the results of analyses for samples received by the laboratory on 03/21/23 16:17.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 58 (0.5') (H231278-01)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	14.3	10.0	03/23/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 59 (0.5') (H231278-02)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 60 (0.5') (H231278-03)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 61 (0.5') (H231278-04)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/24/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	62.9	10.0	03/22/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	17.7	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 62 (0.5') (H231278-05)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 63 (0.5') (H231278-06)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 64 (0.5') (H231278-07)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 65 (0.5') (H231278-08)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 66 (0.5') (H231278-09)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 67 (0.5') (H231278-10)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	20.2	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 68 (0.5') (H231278-11)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 69 (0.5') (H231278-12)

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	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 70 (0.5') (H231278-13)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/21/2023	Sampling Date:	03/21/2023
Reported:	03/27/2023	Sampling Type:	Soil
Project Name:	SOMBRERO 18 FEDERAL COM TB	Sampling Condition:	Cool & Intact
Project Number:	226530	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 71 (0.5') (H231278-14)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	59.3	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	21.6	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 72 (0.5') (H231278-15)

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	03/23/2023	ND	2.00	100	2.00	0.537	
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47	
Total BTEX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 73 (0.5') (H231278-16)

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	03/23/2023	ND	2.00	100	2.00	0.537	
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47	
Total BTEX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 74 (0.5') (H231278-17)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 75 (0.5') (H231278-18)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 76 (0.5') (H231278-19)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 77 (0.5') (H231278-20)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 78 (0.5') (H231278-21)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 79 (0.5') (H231278-22)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/21/2023	Sampling Date:	03/21/2023
Reported:	03/27/2023	Sampling Type:	Soil
Project Name:	SOMBRERO 18 FEDERAL COM TB	Sampling Condition:	Cool & Intact
Project Number:	226530	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 80 (0.5') (H231278-23)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	176	88.1	200	2.46	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	173	86.7	200	4.60	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 81 (0.5') (H231278-24)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 82 (0.5') (H231278-25)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 83 (0.5') (H231278-26)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 84 (0.5') (H231278-27)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 85 (0.5') (H231278-28)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 86 (0.5') (H231278-29)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 87 (0.5') (H231278-30)

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	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/21/2023	Sampling Date:	03/21/2023
Reported:	03/27/2023	Sampling Type:	Soil
Project Name:	SOMBRERO 18 FEDERAL COM TB	Sampling Condition:	Cool & Intact
Project Number:	226530	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 88 (0.5') (H231278-31)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.00	100	2.00	0.537	
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47	
Total BTEX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 89 (0.5') (H231278-32)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	2.00	100	2.00	0.537		
Toluene*	<0.050	0.050	03/23/2023	ND	1.96	98.0	2.00	2.13		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	1.97	98.4	2.00	2.39		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	5.89	98.1	6.00	3.47		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 60.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 90 (0.5') (H231278-33)

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	03/23/2023	ND	1.98	99.1	2.00	4.28	
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745	
Total BTEx	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 91 (0.5') (H231278-34)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 92 (0.5') (H231278-35)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 93 (0.5') (H231278-36)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 94 (0.5') (H231278-37)

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	03/23/2023	ND	1.98	99.1	2.00	4.28	
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 95 (0.5') (H231278-38)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 64.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/21/2023	Sampling Date:	03/21/2023
Reported:	03/27/2023	Sampling Type:	Soil
Project Name:	SOMBRERO 18 FEDERAL COM TB	Sampling Condition:	Cool & Intact
Project Number:	226530	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 96 (0.5') (H231278-39)

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	03/23/2023	ND	1.98	99.1	2.00	4.28	
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745	
Total BTEx	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 97 (0.5') (H231278-40)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 98 (0.5') (H231278-41)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 66.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/21/2023	Sampling Date:	03/21/2023
Reported:	03/27/2023	Sampling Type:	Soil
Project Name:	SOMBRERO 18 FEDERAL COM TB	Sampling Condition:	Cool & Intact
Project Number:	226530	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 99 (0.5') (H231278-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	12.5	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 100 (0.5') (H231278-43)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	182	91.2	200	2.55	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.4	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 101 (0.5') (H231278-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	13.2	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 102 (0.5') (H231278-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 103 (0.5') (H231278-46)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 104 (0.5') (H231278-47)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 56.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 105 (0.5') (H231278-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 106 (0.5') (H231278-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	1.98	99.1	2.00	4.28	
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745	
Total BTEX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 107 (0.5') (H231278-50)

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	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 108 (0.5') (H231278-51)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 109 (0.5') (H231278-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.98	99.1	2.00	4.28		
Toluene*	<0.050	0.050	03/23/2023	ND	2.23	111	2.00	2.78		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.44	122	2.00	1.20		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	7.56	126	6.00	0.0745		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 110 (0.5') (H231278-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/23/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 111 (0.5') (H231278-54)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/23/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.63	111	6.00	0.684		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/21/2023	Sampling Date:	03/21/2023
Reported:	03/27/2023	Sampling Type:	Soil
Project Name:	SOMBRERO 18 FEDERAL COM TB	Sampling Condition:	Cool & Intact
Project Number:	226530	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 112 (0.5') (H231278-55)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/23/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.63	111	6.00	0.684		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 113 (0.5') (H231278-56)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/23/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.63	111	6.00	0.684		
Total BTEX	<0.300	0.300	03/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/24/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 114 (1.5') (H231278-57)

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	03/23/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/23/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 115 (1.5') (H231278-58)

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	03/23/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/23/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.63	111	6.00	0.684		
Total BTX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 116 (1.5') (H231278-59)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/23/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.63	111	6.00	0.684		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 117 (1.5') (H231278-60)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/23/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.63	111	6.00	0.684		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 118 (1.5') (H231278-61)

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	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTX	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 119 (1.5') (H231278-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEX	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 120 (1.5') (H231278-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	165	82.5	200	1.97	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	175	87.3	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 55 (0-0.5') (H231278-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/21/2023	Sampling Date:	03/21/2023
Reported:	03/27/2023	Sampling Type:	Soil
Project Name:	SOMBRERO 18 FEDERAL COM TB	Sampling Condition:	Cool & Intact
Project Number:	226530	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 56 (0-0.5') (H231278-65)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTX	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 57 (0-0.5') (H231278-66)

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	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 58 (0.5-1.5') (H231278-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/21/2023
Reported: 03/27/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 59 (0-1.5') (H231278-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 60 (1.5-3') (H231278-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 61 (0.5-1.5') (H231278-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEx	<0.300	0.300	03/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 62 (0-0.5') (H231278-71)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEX	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 63 (0-0.5') (H231278-72)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	1.97	98.6	2.00	3.64		
Toluene*	<0.050	0.050	03/24/2023	ND	2.10	105	2.00	0.519		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.17	109	2.00	1.23		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.63	111	6.00	0.684		
Total BTEX	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 64 (0-0.5') (H231278-73)

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	03/24/2023	ND	2.02	101	2.00	0.826	
Toluene*	<0.050	0.050	03/24/2023	ND	2.05	102	2.00	0.621	
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.15	107	2.00	0.204	
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.62	110	6.00	0.589	
Total BTX	<0.300	0.300	03/24/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/24/2023	ND	400	100	400	7.69	

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/21/2023
 Reported: 03/27/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 65 (0.5-3') (H231278-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2023	ND	2.02	101	2.00	0.826		
Toluene*	<0.050	0.050	03/24/2023	ND	2.05	102	2.00	0.621		
Ethylbenzene*	<0.050	0.050	03/24/2023	ND	2.15	107	2.00	0.204		
Total Xylenes*	<0.150	0.150	03/24/2023	ND	6.62	110	6.00	0.589		
Total BTEx	<0.300	0.300	03/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/24/2023	ND	400	100	400	7.69		

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	03/23/2023	ND	166	83.2	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	172	86.1	200	7.40	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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 "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H231278

Page 1 of 8

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments				
Program:	UST/PS	PR	Brownfie	Sup
State of Project:				
Reporting Level:	Level	PST/U	TR	Le
Deliverables:	EDD	ADaPt	Other:	

[illegible]

Additional Comments:	Billing Code: EARTHSTONE
----------------------	--------------------------

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1				2	
3				4	
5				6	

Chain of Custody

Work Order No: H231278Page 2 of 8

Page 78 of 84

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ Le ☐	
Deliverables: EDD ☐ ADaP ☐ Other:	

Project Name:		Sombbrero 18 Federal Com TB		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes							
Project Number:		226530		☒ Routine ☐ Rush		Due Date:		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500										None: NO		DI Water: H ₂ O					
Project Location		Lea County, NM		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool												MeOH: Me							
Sampler's Name:		Kenny Han				HCL: HC												HNO ₃ : HN							
PO #:						H ₂ SO ₄ : H ₂												NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☐ No ☐		HOLD										H ₃ PO ₄ : HP					
Received Intact:		Yes ☒ No ☐		Thermometer ID:		113		NaHSO ₄ : NABIS																	
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:		-0.6 °C		Na ₂ S ₂ O ₃ : NaSO ₃																	
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		0.8 °C		Zn Acetate+NaOH: Zn																	
Total Containers:		74		Corrected Temperature:		0.2 °C		NaOH+Ascorbic Acid: SAPC																	
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-68 (0.5')		3/21/2023				x				comp		1		x x x											
CS-69 (0.5')		3/21/2023				x				comp		1		x x x											
CS-70 (0.5')		3/21/2023				x				comp		1		x x x											
CS-71 (0.5')		3/21/2023				x				comp		1		x x x											
CS-72 (0.5')		3/21/2023				x				comp		1		x x x											
CS-73 (0.5')		3/21/2023				x				comp		1		x x x											
CS-74 (0.5')		3/21/2023				x				comp		1		x x x											
CS-75 (0.5')		3/21/2023				x				comp		1		x x x											
CS-76 (0.5')		3/21/2023				x				comp		1		x x x											
CS-77 (0.5')		3/21/2023				x				comp		1		x x x											

Additional Comments: Billing Code: EARTHSTONE

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	3/21/23 11:17	4		
3			5		
5					

Chain of Custody

Work Order No: H23/278Page 3 of 8

Page 79 of 84

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ Le ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Sombrero 18 Federal Com TB		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		226530		☒ Routine ☐ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Lea County, 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 #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐ Wet Ice:		Yes ☐ No ☐		Parameters		BYEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 HOLD										H ₃ PO ₄ : HP					
Received Intact:		Yes ☒ No ☐		Thermometer ID:		113														NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:		-0.6														Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		0.8														Zn Acetate+NaOH: Zn					
Total Containers:		74		Corrected Temperature:		0.2														NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-78 (0.5')		3/21/2023				x				comp		1		x x x											
CS-79 (0.5')		3/21/2023				x				comp		1		x x x											
CS-80 (0.5')		3/21/2023				x				comp		1		x x x											
CS-81 (0.5')		3/21/2023				x				comp		1		x x x											
CS-82 (0.5')		3/21/2023				x				comp		1		x x x											
CS-83 (0.5')		3/21/2023				x				comp		1		x x x											
CS-84 (0.5')		3/21/2023				x				comp		1		x x x											
CS-85 (0.5')		3/21/2023				x				comp		1		x x x											
CS-86 (0.5')		3/21/2023				x				comp		1		x x x											
CS-87 (0.5')		3/21/2023				x				comp		1		x x x											

Additional Comments: Billing Code: EARTHSTONE

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>	2 <i>[Signature]</i>	3/21/23 1617			
3	4				
5	6				



Chain of Custody

Work Order No: H231278Page 4 of 8

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Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Super ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ L ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	226530	☒ Routine ☐ Rush		Pres. Code													None: NO	DI Water: H ₂ O		
Project Location	Lea County, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD									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 #:																	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:	113														Correction Factor:	-0.6°	NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☐ No ☒ N/A	Temperature Reading:	0.8°	Corrected Temperature:	0.2°	Na ₂ S ₂ O ₃ : NaSO ₃														
Sample Custody Seals:	Yes ☐ No ☒ N/A					Zn Acetate+NaOH: Zn														
Total Containers:	74					NaOH+Ascorbic Acid: SAPC														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
CS-88 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-89 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-90 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-91 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-92 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-93 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-94 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-95 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-96 (0.5')	3/21/2023		x		comp	1	x	x	x											
CS-97 (0.5')	3/21/2023		x		comp	1	x	x	x											

Additional Comments: Billing Code: EARTHSTONE

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	3/21/23 1617	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Released to Imaging: 7/7/2023 2:03:01 PM



Chain of Custody

Work Order No: H231278Page 5 of 8

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Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ Le ☐	
Deliverables: EDD ☐ ADaP ☐ Other:	

Project Name:	Sombbrero 18 Federal Com TB		Turn Around		Pres. Code Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 HOLD	ANALYSIS REQUEST												Preservative Codes				
Project Number:	226530		☒ Routine ☐ Rush															None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC				
Project Location:	Lea County, NM		Due Date:																			
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																			
PO #:																						
SAMPLE RECEIPT			Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☐ No ☐																
Received Intact:			Yes ☒ No ☐	Thermometer ID:		113																
Cooler Custody Seals:			Yes ☐ No ☒ N/A	Correction Factor:		-0.6°																
Sample Custody Seals:			Yes ☐ No ☒ N/A	Temperature Reading:		0.8°																
Total Containers:			74		Corrected Temperature:		0.2°															
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont															
CS-98 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-99 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-100 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-101 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-102 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-103 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-104 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-105 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-106 (0.5')		3/21/2023		x		comp	1	x	x	x												
CS-107 (0.5')		3/21/2023		x		comp	1	x	x	x												

Additional Comments: Billing Code: EARTHSTONE

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	3/21/23 1617	2		
3			4		
5			6		



Chain of Custody

Work Order No: H231278Page 6 of 8

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Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Super ☐	State of Project:
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ Ld ☐	Deliverables: EDD ☐ ADA ☐ Other:

Project Name: Sombbrero 18 Federal Com TB		Turn Around		ANALYSIS REQUEST																Preservative Codes								
Project Number: 226530		☒ Routine ☐ Rush		Pres. Code																		None: NO DI Water: H ₂ O						
Project Location: Lea County, NM		Due Date:		Parameters		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 HOLD																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 #:																						H ₂ SO ₄ : H ₂ NaOH: Na						
																						H ₃ PO ₄ : HP						
SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐		Wet Ice: Yes ☐ No ☒		Thermometer ID: 113																		NaHSO ₄ : NABIS				
Received Intact: Yes ☒ No ☐		Cooler Custody Seals: Yes ☐ No ☒ N/A		Correction Factor: -0.6°C		Temperature Reading: 0.8°C																		Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals: Yes ☐ No ☒ N/A		Total Containers: 74		Corrected Temperature: 0.2°C																		Zn Acetate+NaOH: Zn						
																						NaOH+Ascorbic Acid: SAPC						
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments				
CS-108 (0.5')		3/21/2023		x		comp	1	x	x	x																		
CS-109 (0.5')		3/21/2023		x		comp	1	x	x	x																		
CS-110 (0.5')		3/21/2023		x		comp	1	x	x	x																		
CS-111 (0.5')		3/21/2023		x		comp	1	x	x	x																		
CS-112 (0.5')		3/21/2023		x		comp	1	x	x	x																		
CS-113 (0.5')		3/21/2023		x		comp	1	x	x	x																		
CS-114 (1.5')		3/21/2023		x		comp	1	x	x	x																		
CS-115 (1.5')		3/21/2023		x		comp	1	x	x	x																		
CS-116 (1.5')		3/21/2023		x		comp	1	x	x	x																		
CS-117 (1.5')		3/21/2023		x		comp	1	x	x	x																		

Additional Comments: Billing Code: EARTHSTONE

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	3/21/23 1617	2		
3			4		
5			6		



Chain of Custody

Work Order No: 4231278Page 8 of 8

Page 84 of 84

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Super ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ Le ☐	
Deliverables: EDD ☐ ADA ☐ Other:	

Project Name:		Sombbrero 18 Federal Com TB		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		226530		☒ Routine ☐ Rush		Due Date:		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 HOLD												None: NO		DI Water: H ₂ O					
Project Location		Lea County, NM		TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool		MeOH: Me					
Sampler's Name:		Kenny Han																		HCL: HC		HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂		NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☐ No ☐		Thermometer ID:		113															
Received Intact:		Yes ☒ No ☐		N/A		Correction Factor:		-0.6 c																			
Cooler Custody Seals:		Yes ☐ No ☒		N/A		Temperature Reading:		0.8 c																			
Sample Custody Seals:		Yes ☐ No ☒		N/A		Corrected Temperature:		0.2 c																			
Total Containers:		74																									
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-62 (0-0.5')		3/21/2023				x				comp		1		x x x													
SW-63 (0-0.5')		3/21/2023				x				comp		1		x x x													
SW-64 (0-0.5')		3/21/2023				x				comp		1		x x x													
SW-65 (0.5-3')		3/21/2023				x				comp		1		x x x													

Additional Comments: Billing Code: EARTHSTONE

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	3/21/23 1617	2		
3			4		
5			6		

Revised Date 05/01/2020 Rev. 2020.1



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

April 04, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SOMBRERO 18 FEDERAL COM TB

Enclosed are the results of analyses for samples received by the laboratory on 03/30/23 13:27.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/30/2023
 Reported: 04/04/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 49 (3') (H231475-01)

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	04/01/2023	ND	2.02	101	2.00	3.48	
Toluene*	<0.050	0.050	04/01/2023	ND	2.08	104	2.00	3.82	
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.01	100	2.00	5.14	
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.26	104	6.00	5.05	
Total BTEX	<0.300	0.300	04/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/03/2023	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	03/31/2023	ND	168	84.1	200	7.44	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	198	98.9	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/30/2023
 Reported: 04/04/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 54 (3') (H231475-02)

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	04/01/2023	ND	2.02	101	2.00	3.48		
Toluene*	<0.050	0.050	04/01/2023	ND	2.08	104	2.00	3.82		
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.01	100	2.00	5.14		
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.26	104	6.00	5.05		
Total BTEx	<0.300	0.300	04/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/03/2023	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	03/31/2023	ND	168	84.1	200	7.44	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	198	98.9	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/30/2023
 Reported: 04/04/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 48 A (1-2') (H231475-03)

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	04/01/2023	ND	2.02	101	2.00	3.48		
Toluene*	<0.050	0.050	04/01/2023	ND	2.08	104	2.00	3.82		
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.01	100	2.00	5.14		
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.26	104	6.00	5.05		
Total BTEx	<0.300	0.300	04/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	04/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2023	ND	168	84.1	200	7.44	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	198	98.9	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/30/2023
 Reported: 04/04/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 49 A (0-3') (H231475-04)

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	04/01/2023	ND	2.02	101	2.00	3.48		
Toluene*	<0.050	0.050	04/01/2023	ND	2.08	104	2.00	3.82		
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.01	100	2.00	5.14		
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.26	104	6.00	5.05		
Total BTEx	<0.300	0.300	04/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2023	ND	168	84.1	200	7.44	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	198	98.9	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/30/2023
 Reported: 04/04/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 51 A (0-3') (H231475-05)

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	04/01/2023	ND	1.99	99.3	2.00	1.86		
Toluene*	<0.050	0.050	04/01/2023	ND	2.01	100	2.00	2.20		
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.07	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.26	104	6.00	2.64		
Total BTEx	<0.300	0.300	04/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2023	ND	168	84.1	200	7.44	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	198	98.9	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/30/2023
 Reported: 04/04/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 66 (2-3') (H231475-06)

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	04/01/2023	ND	1.99	99.3	2.00	1.86		
Toluene*	<0.050	0.050	04/01/2023	ND	2.01	100	2.00	2.20		
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.07	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.26	104	6.00	2.64		
Total BTEx	<0.300	0.300	04/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2023	ND	168	84.1	200	7.44	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	198	98.9	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/30/2023
Reported: 04/04/2023
Project Name: SOMBRERO 18 FEDERAL COM TB
Project Number: 226530
Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 67 (2-3') (H231475-07)

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	04/01/2023	ND	1.99	99.3	2.00	1.86		
Toluene*	<0.050	0.050	04/01/2023	ND	2.01	100	2.00	2.20		
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.07	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.26	104	6.00	2.64		
Total BTEx	<0.300	0.300	04/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2023	ND	168	84.1	200	7.44	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	198	98.9	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/30/2023
 Reported: 04/04/2023
 Project Name: SOMBRERO 18 FEDERAL COM TB
 Project Number: 226530
 Project Location: EARTHSTONE - LEA COUNTY, NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 68 (1.5-3) (H231475-08)

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	04/01/2023	ND	1.99	99.3	2.00	1.86		
Toluene*	<0.050	0.050	04/01/2023	ND	2.01	100	2.00	2.20		
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.07	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.26	104	6.00	2.64		
Total BTEx	<0.300	0.300	04/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2023	ND	168	84.1	200	7.44	
DRO >C10-C28*	<10.0	10.0	04/01/2023	ND	198	98.9	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H231475

Page 1 of 1

Page 11 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments	
Program: UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐	
State of Project:	
Reporting: Level ☐ Level ☐ PST/U ☐ TR ☐ L ☐	
Deliverables: EDD ☐ ADaP ☐ Other:	

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	226530	☒ Routine ☐ Rush		Pres. Code														None: NO	DI Water: H ₂ O	
Project Location	Lea County, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD										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 #:																		H ₂ SO ₄ : H ₂	NaOH: Na	
																		H ₃ PO ₄ : HP		
SAMPLE RECEIPT		Temp Blank:	Yes ☐ No ☒	Wet Ice:	Yes ☐ No ☒													Sample Comments		
Received Intact:	Yes ☐ No ☒	Thermometer ID:	113																	
Cooler Custody Seals:	Yes ☐ No ☒ N/A	Correction Factor:	-0.6°C																	
Sample Custody Seals:	Yes ☐ No ☒ N/A	Temperature Reading:	4.8°C																	
Total Containers:	8	Corrected Temperature:	4.2°C																	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont														
CS-49 (3')	3/30/2023		x		comp	1	x	x	x											
CS-54 (3')	3/30/2023		x		comp	1	x	x	x											
SW-48A (1-2')	3/30/2023		x		comp	1	x	x	x											
SW-49A (0-3')	3/30/2023		x		comp	1	x	x	x											
SW-51A (0-3')	3/30/2023		x		comp	1	x	x	x											
SW-66 (2-3')	3/30/2023		x		comp	1	x	x	x											
SW-67 (2-3')	3/30/2023		x		comp	1	x	x	x											
SW-68 (1.5-3)	3/30/2023		x		comp	1	x	x	x											

Additional Comments: Billing Code: EARTHSTONE

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>Kenny Han</i>	<i>Chris Martin</i>	3/30/23 1327	2		
3			4		
5			6		

Revised Date 05/01/2020 Rev. 2020.1

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2232138798
District RP	
Facility ID	fAPP2128533545
Application ID	

Release Notification

Responsible Party

Responsible Party: Earthstone Operating, LLC	OGRID: 331165
Contact Name: Chris Martin	Contact Telephone: 432-253-9998 Ext. 2653
Contact email: cmartin@earthstoneenergy.com	Incident # (assigned by OCD): nAPP2232138798
Contact mailing address: 600 N. Marienfeld, Suite 1000, Midland, TX 79701	

Location of Release Source

Latitude 32.487557 Longitude -103.613716
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Sombrero 18 Federal Com Tank Battery	Site Type Flare
Date Release Discovered November 5, 2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	7	21S	33E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☒ Private (Name: T Over V Ranch Land LLLP)

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls): 22	Volume Recovered (bbls): 0
☐ Produced Water	Volume Released (bbls):	Volume Recovered (bbls):
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

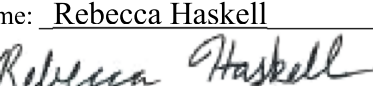
Cause of Release: Another operator was fracking in the area and communicated with an on-site well which caused fluid to be released from the flare. The on-site wells were shut in.

Incident ID	nAPP2232138798
District RP	
Facility ID	fAPP2128533545
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.	
☒ The impacted area has been secured to protect human health and the environment.	
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Rebecca Haskell</u>	Title: <u>Senior Project Manager</u>
Signature: <u></u>	Date: <u>11/17/22</u>
email: <u>bhaskell@ntglobal.com</u>	Telephone: <u>432-766-1918</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>11/17/2022</u>

Incident ID	nAPP2232138798
District RP	
Facility ID	fAPP2128533545
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>100</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☒ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

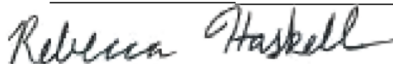
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

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

Printed Name: Rebecca Haskell Title: Senior Project Manager
Signature:  Date: 12/23/22
email: bhaskell@ntglobal.com Telephone: 432-766-1918

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Received by: Jocelyn Harimon Date: 12/27/2022

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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Rebecca Haskell Title: Senior Project Manager
Signature: Rebecca Haskell Date: 12/23/22
email: bhaskell@ntglobal.com Telephone: 432-766-1918

OCD Only

Received by: Jocelyn Harimon Date: 12/27/2022

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Jennifer Nobui Date: 01/20/2023

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Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Rebecca Haskell Title: Senior Project Manager

Signature: Rebecca Haskell Date: 04/19/23

email: bhaskell@ntglobal.com Telephone: 432-776-1918

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Nelson Velez Date: 07/07/2023

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

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

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

CONDITIONS

Action 209452

CONDITIONS

Operator: Earthstone Operating, LLC 1400 Woodloch Forest; Ste 300 The Woodlands, TX 77380	OGRID: 331165
	Action Number: 209452
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	7/7/2023