



May 29th, 2021

RE: Release Characterization, Remediation and Closure Report
Davis Gas Processing
Shipp Line Release "Denton Haul Off"
Lea County, New Mexico
Incident ID: NAPP2214657587

Mr. Hill,

Amerapex Services Group (ASG) appreciates the opportunity to provide Davis Gas Processing remediation services for the Denton Spill. All remediation efforts occurred at the Denton spill near Lovington New Mexico. Amerapex Services Group ("Amerapex") submits the following closure report to a release that occurred at the above referenced location, and further described below.

SITE INFORMATION

The Denton Haul Off release is located approximately six (6) miles east of Lovington, New Mexico. More specifically the latitude and longitude for the release are 32.938281 North and -103.256787 West. A Site Map is presented in Figure 1.

RELEASE INFORMATION

On May 11th, 2022, Amerapex was notified about the release, and were informed all reporting to state and federal agencies would be managed by Davis Gas Processing via third party. Approximately four (4) barrels (bbls) of condensate, and 370 Mcf of Natural Gas was released in the pipeline corridor due to corrosion. Approximately 6,400 square feet was found to be saturated with rainwater and condensate upon initial inspection. During the initial response, a vacuum truck was dispatched and recovered an estimated ten (10) barrels (bbls) of rainwater/condensate was recovered from the release and was fenced off in accordance with 19. 15.29.8.B. Due to the Natural Gas released the release was to be considered a minor release per NMOCD 19.15.29.7.B.

GROUND WATER AND SITE CHARACTERISTICS

A search of the groundwater well databases kept by the New Mexico Officer of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a ½ mile of the release site. The search revealed that no wells occurred in the data bases that meets the NMOCD criteria for age or distance of the well from the release.



CLOSURE CRITERIA

Per NMAC 19.15.29.13 D (1) a reclamation standard of 600 mg/kg chloride and will be applied to the top four (4) feet of the ROW that was affected by the release. Additionally given that a depth to ground water could not be obtained, and the proximity to a National Wetlands Inventory "Fresh Water Pond;" closure criteria shall follow the most stringent standards for closure. TPH 100 mg/kg, BTEX 50 mg/kg, Benzene 10 mg/kg and are listed under "Table 1" for less than fifty (50) feet to groundwater.

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

SITE CHARACTERIZATION

A risk-based site assessment/characterization was performed per the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14,2018). To summarize the site assessment/characterization evaluation the affected area has no receptors (residence, school, hospital, institution, church, mining, municipal or other ordinance boundaries) were found within the regulatory promulgated distances from the site. However, the site is found inside a National Wetland area being a freshwater pond, at the time of release there has been no indication of this being an active pond with standing water (Appendix B).

SITE ASSESMENT

On June 7TH, 2022 Elena Hoffman was notified of the denial of the remediation that was previously conducted at the Shipp Line "Denton Release" project. The remediation efforts were denied due to blending that is not an OCD approved method of remediation, as well as no depth to ground water being adequately determined. An extension was requested on July 7th, 2022, and was approved to be completed August 15th, 2022, and can be found in Appendix F of this document. Prior to the delineation and excavation of the impacted material a One Call was placed to the New Mexico 811 center and the locate status was cleared with only positive status from Davis Gas due to the line that caused the release. An area approximately 200'x30' area of soil was initially impacted dating back to May 12th and



therefor the impacted footprint was again delineated on August 7th, 2022, a total of twenty (20) delineation sample points (AH-1 to AH-7) were investigated to depths ranging from 6" to 4' bgs utilizing a hand auger and an excavator. These samples were collected to achieve vertical delineation. Additionally, on August 19th an additional thirteen (13) samples were collected. These samples AH-1a to AH-7a were collected inside the footprint area and samples AH-1B to AH-6B were collected outside of the footprint.

In total thirty-three (33) delineation samples were collected to confirm the extent of the release, and taken to Xenco, a NELAP approved laboratory, located at 1211 W Florida Ave Midland, TX 79701. Analysis of Chloride using EPA Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA method 8021 B and Total Petroleum Hydrocarbons (TPH) constituents by EPA 8015M. Lithologic sampling logs are included below, as well as a scaled site map. Impacted soil within the release margins were excavated and temporarily placed onsite on a 6-mil plastic sheeting, in preparation for final disposition. A copy of the laboratory analytical report and chain-of-custody documentation is included in Appendix C. Photographic documentation of the release extent is included in Appendix D.

SUMMARY OF SAMPLING RESULTS

Results from the August 2022 soil sampling event are summarized in Table 1. The sampling locations are shown in Figure 2 The analytical results associated with the interior sample locations AH-1 thru AH-7 all exceeded the reclamation standards at 6", and 1' depths, therefor were collected again at a depth of 1.5' bgs with samples AH1-a to AH-7a and AH-1B to AH-6B to meet the reclamation standards within the delineated areas.

REMEDIATION ACTIVITIES

In accordance with 19.15.29.8.B (4) NMAC states "the responsible party may commence remediation immediately after discovery of release", Amerapex began excavation activities beginning in August of 2022. From August 16th to August 18th Amerapex personnel were onsite to perform the remediation activities, including excavation, and confirmation sampling. Impacted soils were excavated until a representative sample from the walls and bottom of the excavation. Excavation depths driven by delineation sampling and confirmed with field screening. Utilizing a calibrated Honeywell MultiRAE photo-ionization detector (PID) and screened for volatile aromatic hydrocarbons and chlorides with Hach® chloride QuanTab® test strips, respectively. All excavated material was placed on a 6-mil liner to be characterized for disposal. Areas nearest AH1, AH2 and AH3 were excavated to a depth of approximately 1.5' bgs, and the area nearest release point AH7 was excavated to a depth of 4.5' bgs. The remainder of the footprint was excavated to a depth of three (3) feet bgs. An estimated 575 cubic yards were removed and prepared to be transported to Gandy Marley disposal facility in Roswell, NM. Figure 2 shows the extent of the excavation performed during the remediation/reclamation of the release extent. The remediated area encompasses approximately 7,500 square feet of surface area. Copies of the waste manifests are included in Appendix E. Upon completion of the field screening confirmation floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were safely removed. Each confirmation sample, laboratory analytical result was directly compared to the reclamation requirements.



CONFIRMATION SAMPLING RESULTS

In accordance with 19.15.29.12 (D)(1)(b) NMAC, confirmation samples were collected such that each discrete sample (sidewall and floor) were representative of no more than 200 square feet of excavated area. A total of thirty-seven (37) floor samples locations and twenty-two (22) sidewall sample location were used during the remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by W-#. Confirmation floor sample locations were labeled with "BH"-#. Excavated areas, depths and confirmation sample locations are shown in Figure 4-6.

All confirmation soil samples were placed into laboratory supplied glassware, labeled, and kept on ice until delivery to, Xenco, a NELAP approved laboratory, found at 1211 W Florida Ave Midland, TX 79701. Analysis of Chloride using EPA Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA method 8021 B and Total Petroleum Hydrocarbons (TPH) constituents by EPA 8015M and are included in Appendix C. The results of the 2022 confirmation sampling events are summarized in Table 2. In accordance with Subsection D of 19.15.29.12 NMAC, the NMOCD office was verbally notified prior to conducting final confirmation sampling.

RECLAMATION AND RESTORATION

Once confirmation sampling activities were completed and associated analytical results were below the RRALs and/or reclamation requirements, the excavated areas were backfilled with clean material to surface grade. The remediated areas contain soil backfill consisting of suitable material to establish vegetation at the site. Based on the soils at the site, the New Mexico State Land Office (NMSLO) Coarse (CS) Sites Seed Mixture was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) PER ACRE. The seed mixture shall be spread by a nylon bag seed spreader, and saturated to promote an established growth.

Site inspections shall be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growth season, the area will be reseeded as appropriate.

CONCLUSION

Amerapex has completed the remediation at the release site. This final closure report has been submitted to you as evidence of the remediation activities and the results of confirmation sampling. If you have any questions concerning the soil assessment, the remediation work, or confirmation sampling for the site, please call me at (432)-557-0934.

Sincerely,

A handwritten signature in black ink that reads "Jamey Fowler". The signature is written in a cursive, flowing style.

Project Manager - Amerapex



List of Attachments

Figures:

Figure 1 – Overview Map

Figure 2 – Approximate Release Extent and Assessment

Figure 3 – All Sample Points Confirmation

Figure 4 – Sampling Points Zoomed

Figure 5 – Sampling Points Zoomed

Figure 6 – Sampling Points Zoomed

Figure 7 – Topographic Map

Tables:

Table 1 – Summary of Analytical Results – Initial Soil Assessment

Table 2 – Summary of Analytical Results – Confirmation Sampling

Appendices:

Appendix A – C141 Forms

Appendix B – Site Characterization Data

Appendix C – Laboratory Analytical Data

Appendix D- Photographic Documentation

Appendix E – Waste Manifests

Appendix F – NMOCD Correspondence



FIGURES:

Figure 1
Shipp Line "Denton Haul Off" Site Overview

Legend

-  Denton Spill
-  Lea County Fairgrounds
-  Lovington High School

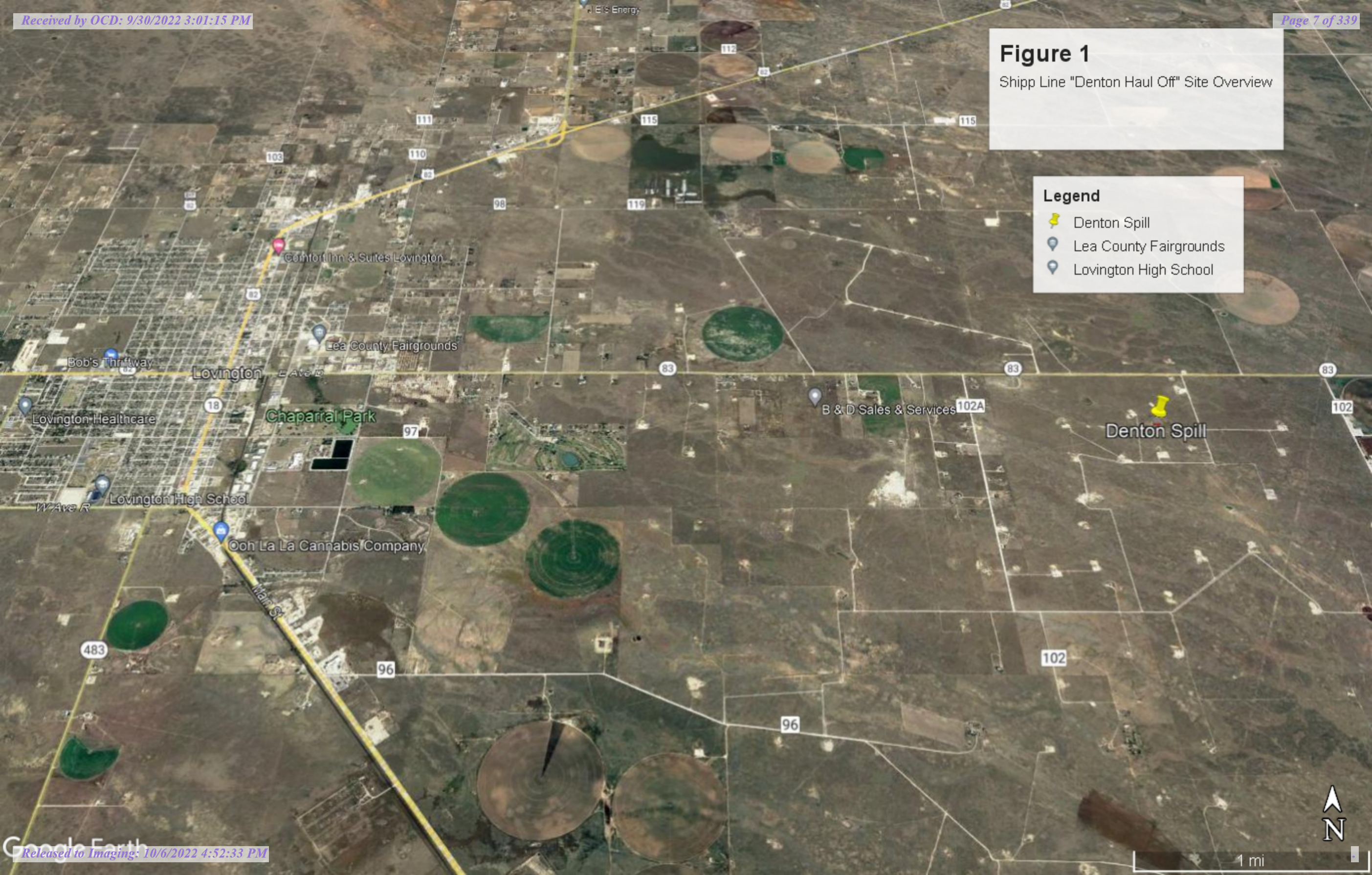


Figure 2
Approximate Release Extent and Assessment Delineation Sampling Points.



Figure 3
Confirmation Sampling Points



Figure 4
Confirmation Sampling Points - Zoomed



Figure 5
Confirmation Sampling Points - Zoomed

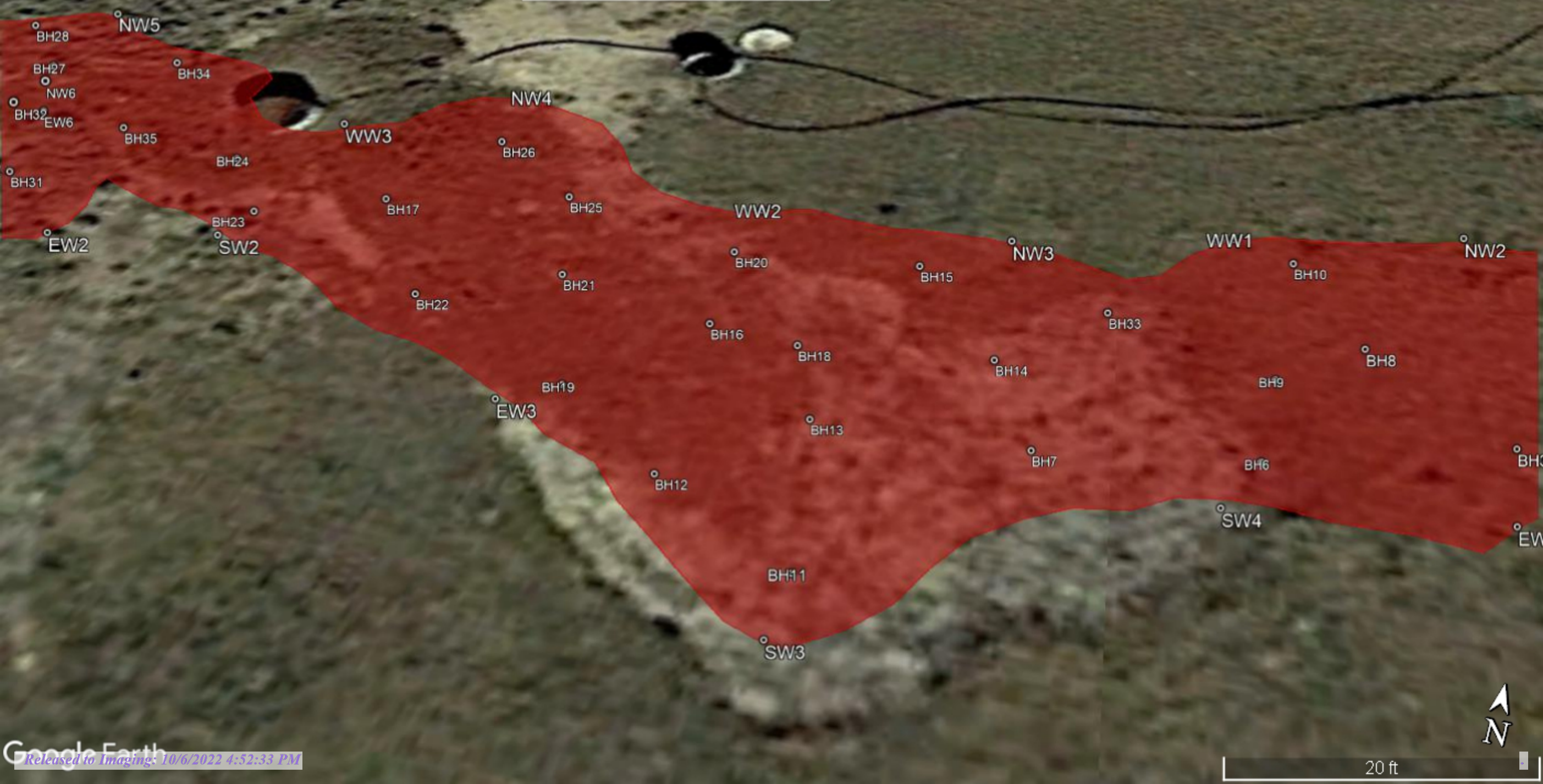
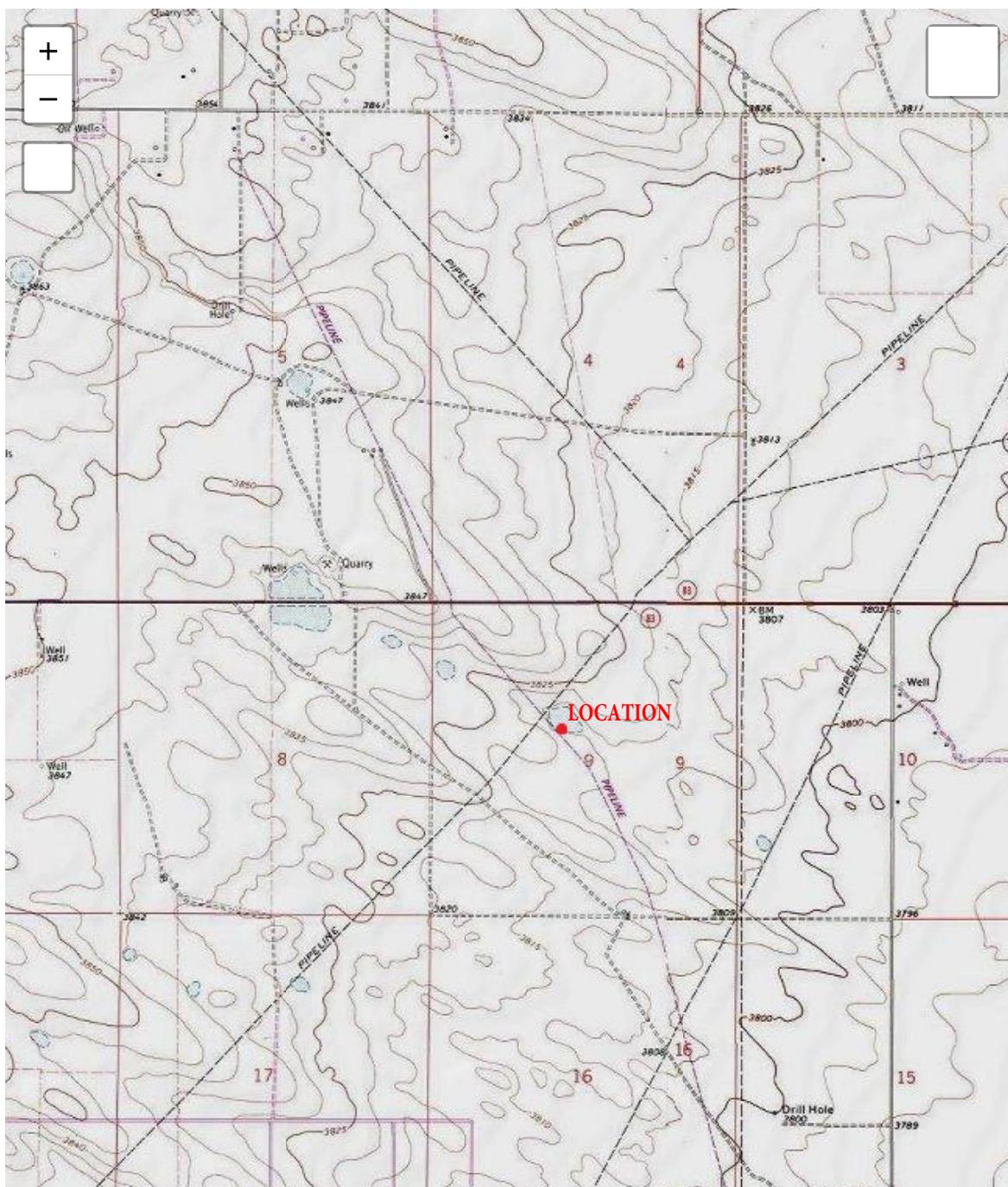


Figure 6
Confirmation Sampling Points - Zoomed



Lovington Topo Map in Lea County New Mexico



[Print this map](#)

Map provided by TopoZone.com



TABLES:

Table 1
Summary of Analytical Results
Davis Gas Processing Ship Line "Denton Haul Off"

SAMPLE ID	Latitude	Longitude	SAMPLE DATE	SAMPLE DEPTH (FT)	Chloride, Dissolved (mg/Kg)	Total TPH (mg/Kg)	Gasoline Range Organics (GRO)-C6-C10 (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)	Benzene (mg/Kg)	Total BTEX (mg/Kg)
AH-1 @ 6"	32.938199	-103.256179	08/17/22 09:45	6"	24.7	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00400
AH-1 @ 1'	32.938199	-103.256179	08/17/22 09:47	1'	1070	123	<49.9	72.2	50.6	<0.00200	<0.00400
AH-1a @ 1.5	32.938196	-103.256201	08/19/22 10:35	1.5	9.13	55.7	<50.0	55.7	<50.0	<0.00202	<0.00403
AH-1b @ 1.5	32.938169	-103.256141	08/19/22 10:40	1.5	10.5	50.3	<49.8	50.3	<49.8	<0.00201	<0.00402
AH-2 @ 6"	32.938207	-103.256303	08/17/22 09:55	6"	793	2400	<50.0	2070	330	<0.00200	<0.00400
AH-2 @ 1'	32.938207	-103.256303	08/17/22 09:58	1'	1330	54.2	<49.8	54.2	<49.8	<0.00200	<0.00400
AH-2a @ 1.5	32.938241	-103.256300	08/19/22 10:55	1.5	10.1	52.0	<50.0	52.0	<50.0	<0.00200	0.00515
AH-2b @ 1.5	32.938166	-103.256346	08/19/22 11:03	1.5	10.5	50.3	<49.9	50.3	<49.9	<0.00199	<0.00398
AH-3 @ 6"	32.938261	-103.256404	08/17/22 10:03	6"	506	3610	<50.0	3150	456	<0.00200	<0.00400
AH-3 @ 1'	32.938261	-103.256404	08/17/22 10:12	1'	1150	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00478
AH-3a @ 1.5	32.938217	-103.256440	08/19/22 11:10	1.5	8.44	53.0	<49.8	53.0	<49.8	<0.00201	<0.00402
AH-3b @ 1.5	32.938280	-103.256445	08/19/22 11:16	1.5	8.34	55.4	<49.9	55.4	<49.9	<0.00200	<0.00399
AH-4 @ 6"	32.938216	-103.256639	08/17/22 10:18	6"	504	2190	<50.0	1910	276	<0.00200	<0.00400
AH-4 @ 1'	32.938216	-103.256639	08/17/22 10:22	1'	432	1370	<50.0	1200	167	<0.00200	<0.00400
AH-4 @ 2'	32.938216	-103.256639	08/17/22 10:30	2'	1150	60.5	<50.0	60.5	<50.0	<0.00200	<0.00400
AH-4a @ 1.5	32.938242	-103.256599	08/19/22 11:25	1.5	14.3	52.4	<50.0	52.4	<50.0	<0.00199	<0.00398
AH-4b @ 1.5	32.938169	-103.256557	08/19/22 11:33	1.5	10.6	53.4	<49.8	53.4	<49.8	<0.00201	<0.00402
AH-5 @ 6"	32.938309	-103.256746	08/17/22 10:35	6"	542	2300	<49.9	1990	307	<0.00200	<0.00400
AH-5 @ 1'	32.938309	-103.256746	08/17/22 10:40	1'	481	1180	<49.9	1030	151	<0.00200	<0.00400
AH-5 @ 2'	32.938309	-103.256746	08/17/22 10:51	2'	1150	51.9	<50.0	51.9	<50.0	<0.00200	<0.00400
AH-5a @ 3	32.938266	-103.256722	08/19/22 11:42	3	8.72	53.4	<49.9	53.4	<49.9	<0.00199	<0.00398
AH-5b @ 3	32.938341	-103.256762	08/19/22 11:50	3	8.85	52.7	<49.8	52.7	<49.8	<0.00199	<0.00398
AH-6 @ 6"	32.938275	-103.256855	08/17/22 11:00	6"	558	1690	<49.9	1450	236	<0.00200	<0.00400
AH-6 @ 1'	32.938275	-103.256855	08/17/22 11:10	1'	592	1420	<50.0	1220	202	<0.00200	<0.00400
AH-6 @ 2'	32.938275	-103.256855	08/17/22 11:17	2'	1170	62.5	<50.0	62.5	<50.0	<0.00200	0.00739
AH-6a @ 3	32.938285	-103.256813	08/19/22 11:57	3	9.40	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00401
AH-6b @ 3	32.938319	-103.256849	08/19/22 12:02	3	8.76	52.4	<49.9	52.4	<49.9	<0.00200	<0.00399
AH-7 @ 6"	32.938246	-103.256769	08/17/22 11:25	6"	538	1890	<50.0	1660	229	<0.00200	<0.00400
AH-7 @ 1'	32.938246	-103.256769	08/17/22 11:33	1'	477	1740	<50.0	1510	231	<0.00200	<0.00400
AH-7 @ 2'	32.938246	-103.256769	08/17/22 11:37	2'	482	1270	<49.9	1120	154	<0.00200	<0.00400
AH-7 @ 3'	32.938246	-103.256769	08/17/22 11:46	3'	381	581	<49.8	518	63.2	<0.00200	0.0125
AH-7 @ 4'	32.938246	-103.256769	08/17/22 12:05	4'	325	273	<50.0	212	60.6	<0.00200	<0.00400
AH-7a @ 4	32.938249	-103.256774	08/19/22 12:13	4	9.15	51.6	<49.8	51.6	<49.8	<0.00201	<0.00402

Table 2
Summary of Analytical Results
Davis Gas Processing Shipp Line "Denton Haul Off"

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (FT)	Chloride, Dissolved (mg/Kg)	Total TPH (mg/Kg)	Gasoline Range Organics (GRO)-C6-C10 (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)	Benzene (mg/Kg)	Total BTEX (mg/Kg)
BH-1 @ 1.5	08/29/22 08:12	1.5	11.9	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00200
BH-2 @ 1.5	08/29/22 08:15	1.5	11.6	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
BH-3 @ 1.5	08/29/22 08:18	1.5	10.4	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00200
BH-4 @ 1.5	08/29/22 08:20	1.5	9.79	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00202
BH-5 @ 1.5	08/29/22 08:27	1.5	12.6	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00200
BH-6 @ 1.5	08/29/22 08:31	1.5	10.2	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00202
BH-7 @ 1.5	08/29/22 08:33	1.5	<5.01	<50.0	<50.0	<50.0	<50.0	<0.000998	<0.00200
BH-8 @ 1.5	08/29/22 08:38	1.5	10.0	<49.8	<49.8	<49.8	<49.8	<0.000992	<0.00198
BH-9 @ 1.5	08/29/22 08:42	1.5	11.6	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00202
BH-10 @ 1.5	08/29/22 08:50	1.5	10.3	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00201
BH-11 @ 1.5	08/29/22 08:55	1.5	13.5	<49.8	<49.8	<49.8	<49.8	<0.000990	<0.00198
BH-12 @ 1.5	08/29/22 09:02	1.5	10.4	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00201
BH-13 @ 1.5	08/29/22 09:08	1.5	10.6	62.9	<50.0	62.9	<50.0	<0.000990	<0.00198
BH-14 @ 1.5	08/29/22 09:11	1.5	10.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00201
BH-15 @ 1.5	08/29/22 09:14	1.5	10.8	<50.0	<50.0	<50.0	<50.0	<0.000996	<0.00199
BH-16 @ 3 ft	08/29/22 09:16	3 ft	11.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00202
BH-17 @ 3 ft	08/29/22 09:19	3 ft	10.3	<49.8	<49.8	<49.8	<49.8	<0.000998	<0.00200
BH-18 @ 3 ft	08/29/22 09:22	3 ft	11.5	<49.9	<49.9	<49.9	<49.9	<0.000996	<0.00199
BH-19 @ 3 ft	08/29/22 09:24	3 ft	8.97	<50.0	<50.0	<50.0	<50.0	<0.000996	<0.00199
BH-20 @ 3 ft	08/29/22 09:27	3 ft	9.85	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00201
BH-21 @ 3 ft	08/29/22 09:29	3 ft	10.3	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00200
BH-22 @ 3 ft	08/29/22 09:32	3 ft	10.8	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00198
BH-23 @ 3 ft	08/29/22 09:35	3 ft	10.2	<50.0	<50.0	<50.0	<50.0	<0.000998	<0.00200
BH-24 @ 3 ft	08/29/22 09:37	3 ft	10.5	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
BH-25 @ 3 ft	08/29/22 09:40	3 ft	10.4	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00200
BH-26 @ 3 ft	08/29/22 09:43	3 ft	11.1	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00198
BH-27 @ 3 ft	08/29/22 09:45	3 ft	14.1	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00201
BH-28 @ 3 ft	08/29/22 09:47	3 ft	14.0	<49.8	<49.8	<49.8	<49.8	<0.000992	<0.00198
BH-29 @ 3 ft	08/29/22 09:53	3 ft	9.44	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00201
BH-30 @ 3 ft	08/29/22 09:55	3 ft	12.3	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
BH-31 @ 3 ft	08/29/22 09:58	3 ft	10.3	<49.8	<49.8	<49.8	<49.8	<0.00101	<0.00201
BH-32 @ 4.5	08/29/22 10:02	4.5	11.4	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00202
BH-33 @ 1.5	08/29/22 11:40	1.5	13.7	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00200
BH-34 @ 3 ft	08/29/22 11:45	3 ft	11.1	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00202
BH-35 @ 3 ft	08/29/22 11:48	3 ft	10.9	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
BH-36 @ 3 ft	08/29/22 11:53	3 ft	12.1	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00202
BH-37 @ 3 ft	08/29/22 12:01	3 ft	11.1	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00201
EW-1 @ 8 in	08/29/22 10:30	8"	49.4	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00201
EW-2 @ 1.5	08/29/22 10:33	1.5	10.2	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
EW-3 @ 8 in	08/29/22 10:55	8 in	11.3	<49.9	<49.9	<49.9	<49.9	<0.000994	<0.00199
EW-4 @ 8 in	08/29/22 10:40	8"	10.1	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
EW-5 @ 8 in	08/29/22 10:43	8 in	10.4	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
EW-6 @ 2.5	08/29/22 11:30	2' 5"	9.42	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00200
NW-1 @ 8 in	08/29/22 10:13	8"	10.6	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
NW-2 @ 8"	08/29/22 10:15	8"	10.4	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00202
NW-3 @ 1.5	08/29/22 10:20	1' 5"	10.9	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00198
NW-4 @ 1.5	08/29/22 10:23	1' 5"	10.3	<49.8	<49.8	<49.8	<49.8	<0.000996	<0.00199
NW-5 @ 1.5	08/29/22 10:27	1.5	11.9	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00200
NW-6 @ 2.5"	08/29/22 11:25	2' 5"	15.5	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00201
SW-1 @ 1.5	08/29/22 11:07	1' 5"	10.5	<49.8	<49.8	<49.8	<49.8	<0.00100	<0.00201
SW-2 @ 1.5	08/29/22 11:10	1.5	16.6	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
SW-3 @ 8 in	08/29/22 11:14	8"	10.8	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00200
SW-4 @ 8 in	08/29/22 11:18	8"	10.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00201
SW-5 @ 2.5	08/29/22 11:37	2' 5"	11.5	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
WW-1 @ 8"	08/29/22 10:50	8"	10.6	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00202
WW-2 @ 1.5	08/29/22 10:53	1.5	10.5	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00202
WW-3 @ 1.5	08/29/22 10:57	1' 5"	10.9	65.6	<50.0	65.6	<50.0	<0.00100	<0.00200
WW-4 @ 1.5	08/29/22 11:03	1.5	10.8	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00198
WW-5 @ 2.5	08/29/22 11:33	2' 5"	10.4	56.4	<49.8	56.4	<49.8	<0.000994	<0.00199
WC	08/29/22 13:42	surf	552	991	<50.0	886	105	<0.00100	<0.00200



Appendix A:

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	NAPP2214657587
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Davis Gas Processing Inc	OGRID	191566
Contact Name	Alan Hill	Contact Telephone	432-210-8647
Contact email	jamesalanhilltx@gmail.com	Incident #	(assigned by OCD)
Contact mailing address	P.O. Box 51670, Midland, TX 79710		

Location of Release Source

Latitude 32.937975 Longitude -103.256695
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Shipp Line	Site Type	Pipeline
Date Release Discovered	May 11, 2022	API#	(if applicable)

Unit Letter	Section	Township	Range	County
SE/NW	9	16 SOUTH	37 EAST	LEA

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Mr. Billy Royce Medlin)

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)	Volume Recovered (bbls)
☐ 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) 4 bbls	Volume Recovered (bbls) 10 b bls w/rain water
☒ Natural Gas	Volume Released (Mcf) 370 Mcf	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Corrosion to pipeline

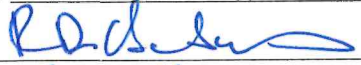
State of New Mexico
Oil Conservation Division

Incident ID	NAPP2214657587
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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>Richard D. Hatchett</u> Signature: <u></u> email: <u>rhatchett@wtginc.net</u>	Title: <u>Exec. Vice Pres.</u> Date: <u>9/28/2022</u> Telephone: <u>(432) 682-6311</u>
<u>OCD Only</u> Received by: _____ Date: _____	

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2214657587
District RP	
Facility ID	
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?	MOST STRINGENT (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.

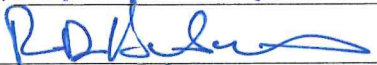
Form C-141

Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2214657587
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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: Richard D. Hatchett Title: Exec. Vice President
 Signature:  Date: 9/28/22
 email: rhatchett@wtginc.net Telephone: (432) 682-6311

OCD Only

Received by: Jocelyn Harimon Date: 09/30/2022

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2214657587
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Facility ID	
Application ID	

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.

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: Richard D. Hatchette Title: Exec Vice President
 Signature: [Signature] Date: 9/28/22
 email: rhatchette@wtginc.net Telephone: (432) 682-6311

OCD Only

Received by: Jocelyn Harimon Date: 09/30/2022

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2214657587
District RP	
Facility ID	
Application ID	

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: Richard D. Hatchett Title: Exec. Vice President
 Signature: [Signature] Date: 9/28/2022
 email: rhatchett@wtginc.net Telephone: (432) 682-6311

OCD Only

Received by: Jocelyn Harimon Date: 09/30/2022

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: Jennifer Nobui Date: 10/06/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A



Appendix B:

Site Characterization Data



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Lea County, New Mexico**

Davis Gas Shipp Lilne



August 19, 2022

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

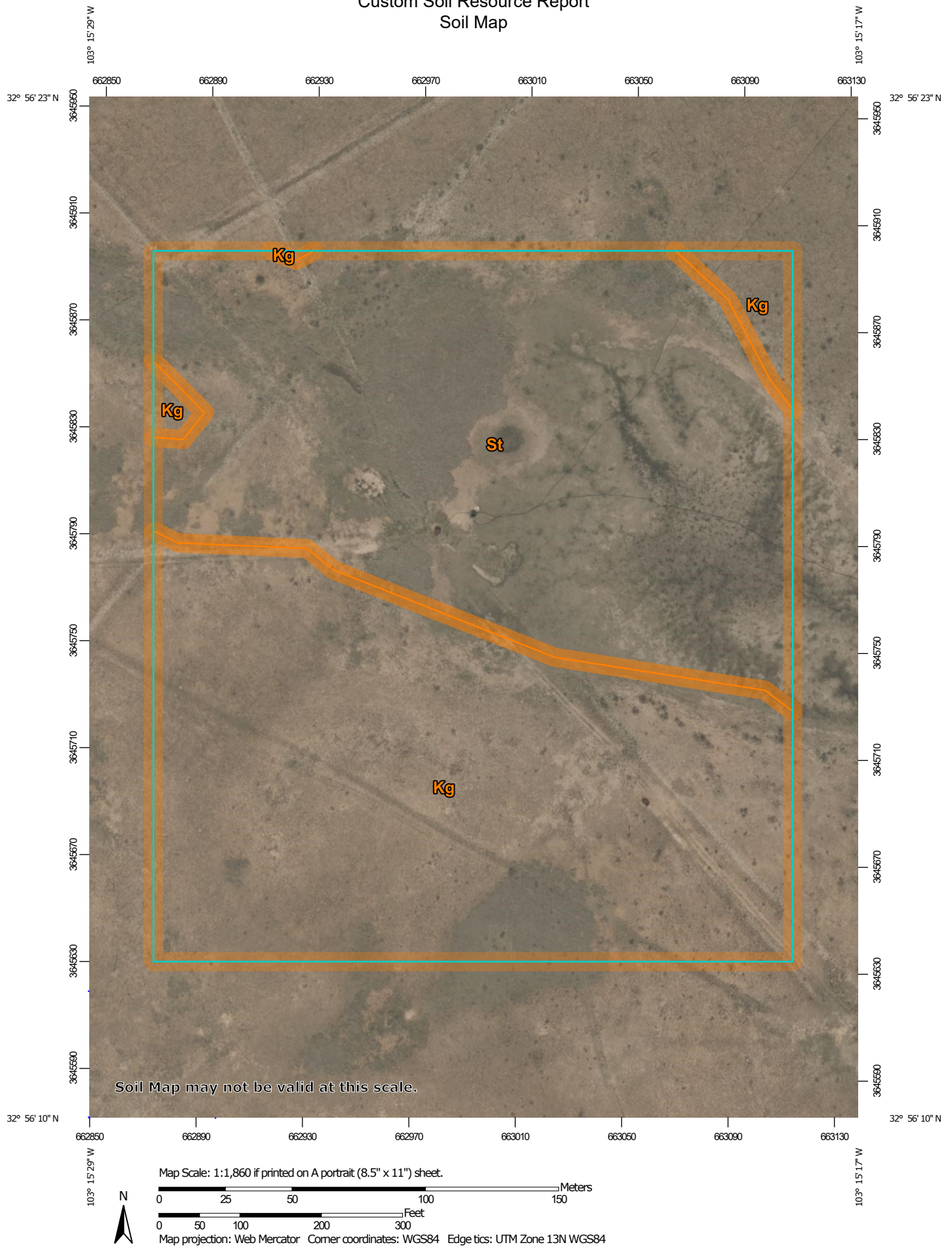
Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 18, Sep 10, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Kg	Kimbrough gravelly loam, 0 to 3 percent slopes	8.0	50.7%
St	Stegall loam, 0 to 1 percent slopes	7.8	49.3%
Totals for Area of Interest		15.8	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

Custom Soil Resource Report

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Custom Soil Resource Report

Lea County, New Mexico

Kg—Kimbrough gravelly loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw42*Elevation:* 2,500 to 4,800 feet*Mean annual precipitation:* 14 to 16 inches*Mean annual air temperature:* 57 to 63 degrees F*Frost-free period:* 180 to 220 days*Farmland classification:* Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 85 percent*Minor components:* 15 percent*Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Kimbrough

Setting

Landform: Playa rims, plains*Down-slope shape:* Convex, linear*Across-slope shape:* Concave, linear*Parent material:* Loamy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 3 inches: gravelly loam*Bw - 3 to 10 inches:* loam*Bkkm1 - 10 to 16 inches:* cemented material*Bkkm2 - 16 to 80 inches:* cemented material

Properties and qualities

Slope: 0 to 3 percent*Depth to restrictive feature:* 4 to 18 inches to petrocalcic*Drainage class:* Well drained*Runoff class:* High*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.01 in/hr)*Depth to water table:* More than 80 inches*Frequency of flooding:* None*Frequency of ponding:* None*Calcium carbonate, maximum content:* 95 percent*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*Sodium adsorption ratio, maximum:* 1.0*Available water supply, 0 to 60 inches:* Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified*Land capability classification (nonirrigated):* 7s*Hydrologic Soil Group:* D*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ*Hydric soil rating:* No

Custom Soil Resource Report

Minor Components**Eunice**

Percent of map unit: 6 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Convex
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Spraberry

Percent of map unit: 5 percent
Landform: Playa rims, plains
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Kenhill

Percent of map unit: 4 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY038TX - Clay Loam 12-17" PZ
Hydric soil rating: No

St—Stegall loam, 0 to 1 percent slopes**Map Unit Setting**

National map unit symbol: 1idyr
Elevation: 2,500 to 5,300 feet
Mean annual precipitation: 16 to 21 inches
Mean annual air temperature: 57 to 63 degrees F
Frost-free period: 185 to 220 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Stegall and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Stegall**Setting**

Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Loamy eolian deposits from the blackwater draw formation of pleistocene age

Custom Soil Resource Report

Typical profile

Ap - 0 to 8 inches: loam
Bt - 8 to 28 inches: clay loam
Bkkm - 28 to 38 inches: cemented material
BCkk - 38 to 80 inches: clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: 20 to 36 inches to petrocalcic
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high (0.00 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 60 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Low (about 4.4 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Ecological site: R077CY022TX - Deep Hardland 16-21" PZ
Hydric soil rating: No

Minor Components**Kimberson**

Percent of map unit: 5 percent
Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: R077CY037TX - Very Shallow 16-21" PZ
Hydric soil rating: No

Friona

Percent of map unit: 3 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077CY022TX - Deep Hardland 16-21" PZ
Hydric soil rating: No

Slaughter

Percent of map unit: 2 percent
Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: R077CY037TX - Very Shallow 16-21" PZ
Hydric soil rating: No

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National Flood Hazard Layer FIRMMette



103°15'43"W 32°56'33"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°15'5"W 32°56'3"N

Legend

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

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



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

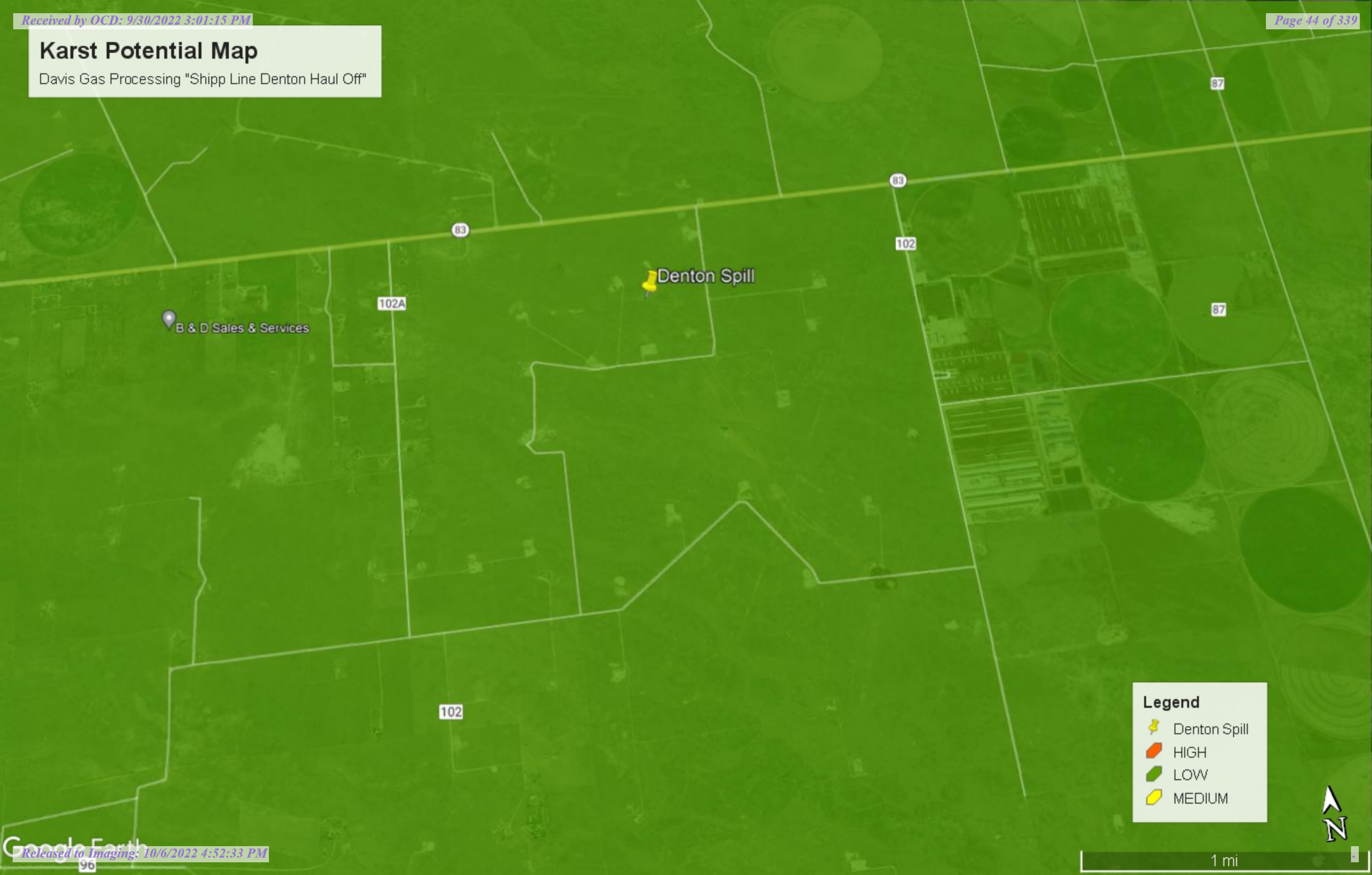
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/19/2022 at 1:00 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Karst Potential Map

Davis Gas Processing "Shipp Line Denton Haul Off"



Legend

-  Denton Spill
-  HIGH
-  LOW
-  MEDIUM



1 mi



Davis Gas Shipp Line



August 19, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Appendix C :

Laboratory Analytical Data



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-18267-1

Laboratory Sample Delivery Group: Lovington NM
Client Project/Site: Denton Haul Off

For:

AMERAPEX
2950 North Loop West
Suite 1100
Houston, Texas 77092

Attn: Jamey Fowler

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

8/18/2022 4:03:16 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: AMERAPEX
Project/Site: Denton Haul Off

Laboratory Job ID: 880-18267-1
SDG: Lovington NM

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Definitions/Glossary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

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
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low 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.
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: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Job ID: 880-18267-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-18267-1**

Receipt

The samples were received on 8/17/2022 2:06 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 5.9°C

GC VOA

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: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) samples: (880-18267-A-1-E MS) and (880-18267-A-1-F MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: AH-3 @ 1' (880-18267-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-32372 and analytical batch 880-32195 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

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.

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-1 @ 6"

Lab Sample ID: 880-18267-1

Date Collected: 08/17/22 09:45

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

Method: 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		08/17/22 16:14	08/18/22 01:16	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:16	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:16	1
m-Xylene & p-Xylene	<0.00400	U F1	0.00400		mg/Kg		08/17/22 16:14	08/18/22 01:16	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:16	1
Xylenes, Total	<0.00400	U F1	0.00400		mg/Kg		08/17/22 16:14	08/18/22 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/17/22 16:14	08/18/22 01:16	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/17/22 16:14	08/18/22 01:16	1

Method: 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			08/18/22 11:00	1

Method: 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			08/18/22 10:04	1

Method: 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 *1	49.9		mg/Kg		08/17/22 15:07	08/17/22 21:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/17/22 15:07	08/17/22 21:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 15:07	08/17/22 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	08/17/22 15:07	08/17/22 21:41	1
o-Terphenyl	72		70 - 130	08/17/22 15:07	08/17/22 21:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.7		4.96		mg/Kg			08/18/22 04:31	1

Client Sample ID: AH-1 @ 1'

Lab Sample ID: 880-18267-2

Date Collected: 08/17/22 09:47

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	08/17/22 16:14	08/18/22 01:37	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-1 @ 1'

Lab Sample ID: 880-18267-2

Date Collected: 08/17/22 09:47

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	121		70 - 130	08/17/22 16:14	08/18/22 01:37	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	123		49.9		mg/Kg			08/18/22 10:04	1

Method: 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 *1	49.9		mg/Kg		08/17/22 15:07	08/18/22 07:43	1
Diesel Range Organics (Over C10-C28)	72.2	*1	49.9		mg/Kg		08/17/22 15:07	08/18/22 07:43	1
Oil Range Organics (Over C28-C36)	50.6		49.9		mg/Kg		08/17/22 15:07	08/18/22 07:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/17/22 15:07	08/18/22 07:43	1
o-Terphenyl	106		70 - 130				08/17/22 15:07	08/18/22 07:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		24.8		mg/Kg			08/18/22 04:54	5

Client Sample ID: AH-2 @ 6"

Lab Sample ID: 880-18267-3

Date Collected: 08/17/22 09:55

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 01:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 01:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/17/22 16:14	08/18/22 01:57	1
1,4-Difluorobenzene (Surr)	109		70 - 130				08/17/22 16:14	08/18/22 01:57	1

Method: 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			08/18/22 11:00	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-2 @ 6"

Lab Sample ID: 880-18267-3

Date Collected: 08/17/22 09:55

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2400		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 02:40	1
Diesel Range Organics (Over C10-C28)	2070	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 02:40	1
Oil Range Organics (Over C28-C36)	330		50.0		mg/Kg		08/17/22 15:07	08/18/22 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/17/22 15:07	08/18/22 02:40	1
o-Terphenyl	93		70 - 130				08/17/22 15:07	08/18/22 02:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	793		5.00		mg/Kg			08/18/22 05:02	1

Client Sample ID: AH-2 @ 1'

Lab Sample ID: 880-18267-4

Date Collected: 08/17/22 09:58

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 02:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/17/22 16:14	08/18/22 02:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/17/22 16:14	08/18/22 02:18	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.2		49.8		mg/Kg			08/18/22 10:04	1

Method: 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 *1	49.8		mg/Kg		08/17/22 15:07	08/17/22 23:08	1
Diesel Range Organics (Over C10-C28)	54.2	*1	49.8		mg/Kg		08/17/22 15:07	08/17/22 23:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/22 15:07	08/17/22 23:08	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-2 @ 1'

Lab Sample ID: 880-18267-4

Date Collected: 08/17/22 09:58

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	08/17/22 15:07	08/17/22 23:08	1
o-Terphenyl	76		70 - 130	08/17/22 15:07	08/17/22 23:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		25.0		mg/Kg			08/18/22 05:10	5

Client Sample ID: AH-3 @ 6"

Lab Sample ID: 880-18267-5

Date Collected: 08/17/22 10:03

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 02:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	08/17/22 16:14	08/18/22 02:38	1
1,4-Difluorobenzene (Surr)	116		70 - 130	08/17/22 16:14	08/18/22 02:38	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3610		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 02:19	1
Diesel Range Organics (Over C10-C28)	3150	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 02:19	1
Oil Range Organics (Over C28-C36)	456		50.0		mg/Kg		08/17/22 15:07	08/18/22 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	08/17/22 15:07	08/18/22 02:19	1
o-Terphenyl	96		70 - 130	08/17/22 15:07	08/18/22 02:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	506		4.97		mg/Kg			08/18/22 05:18	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-3 @ 1'

Lab Sample ID: 880-18267-6

Date Collected: 08/17/22 10:12

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:59	1
Toluene	0.00478		0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 02:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 02:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	08/17/22 16:14	08/18/22 02:59	1
1,4-Difluorobenzene (Surr)	127		70 - 130	08/17/22 16:14	08/18/22 02:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00478		0.00400		mg/Kg			08/18/22 11:00	1

Method: 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			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/17/22 23:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/17/22 15:07	08/17/22 23:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 15:07	08/17/22 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	08/17/22 15:07	08/17/22 23:29	1
o-Terphenyl	64	S1-	70 - 130	08/17/22 15:07	08/17/22 23:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		25.1		mg/Kg			08/18/22 05:41	5

Client Sample ID: AH-4 @ 6"

Lab Sample ID: 880-18267-7

Date Collected: 08/17/22 10:18

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 03:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 03:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 03:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 03:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 03:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	08/17/22 16:14	08/18/22 03:19	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-4 @ 6"

Lab Sample ID: 880-18267-7

Date Collected: 08/17/22 10:18

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	128		70 - 130	08/17/22 16:14	08/18/22 03:19	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2190		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 03:02	1
Diesel Range Organics (Over C10-C28)	1910	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 03:02	1
Oil Range Organics (Over C28-C36)	276		50.0		mg/Kg		08/17/22 15:07	08/18/22 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/17/22 15:07	08/18/22 03:02	1
o-Terphenyl	77		70 - 130				08/17/22 15:07	08/18/22 03:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	504		4.97		mg/Kg			08/18/22 05:49	1

Client Sample ID: AH-4 @ 1'

Lab Sample ID: 880-18267-8

Date Collected: 08/17/22 10:22

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 03:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 03:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 03:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 03:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 03:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				08/17/22 16:14	08/18/22 03:40	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130				08/17/22 16:14	08/18/22 03:40	1

Method: 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			08/18/22 11:00	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-4 @ 1'

Lab Sample ID: 880-18267-8

Date Collected: 08/17/22 10:22

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1370		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 01:16	1
Diesel Range Organics (Over C10-C28)	1200	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 01:16	1
Oil Range Organics (Over C28-C36)	167		50.0		mg/Kg		08/17/22 15:07	08/18/22 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/17/22 15:07	08/18/22 01:16	1
o-Terphenyl	104		70 - 130				08/17/22 15:07	08/18/22 01:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	432		4.95		mg/Kg			08/18/22 05:57	1

Client Sample ID: AH-4 @ 2'

Lab Sample ID: 880-18267-9

Date Collected: 08/17/22 10:30

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 04:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 04:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 04:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 04:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 04:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/17/22 16:14	08/18/22 04:00	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/17/22 16:14	08/18/22 04:00	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.5		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 00:33	1
Diesel Range Organics (Over C10-C28)	60.5	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 00:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 15:07	08/18/22 00:33	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-4 @ 2'

Lab Sample ID: 880-18267-9

Date Collected: 08/17/22 10:30

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 2'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/17/22 15:07	08/18/22 00:33	1
o-Terphenyl	91		70 - 130	08/17/22 15:07	08/18/22 00:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		25.0		mg/Kg			08/18/22 06:05	5

Client Sample ID: AH-5 @ 6"

Lab Sample ID: 880-18267-10

Date Collected: 08/17/22 10:35

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 08:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 08:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 08:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 08:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 08:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 08:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/17/22 16:14	08/18/22 08:44	1
1,4-Difluorobenzene (Surr)	126		70 - 130	08/17/22 16:14	08/18/22 08:44	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2300		49.9		mg/Kg			08/18/22 10:04	1

Method: 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 *1	49.9		mg/Kg		08/17/22 15:07	08/18/22 03:44	1
Diesel Range Organics (Over C10-C28)	1990	*1	49.9		mg/Kg		08/17/22 15:07	08/18/22 03:44	1
Oil Range Organics (Over C28-C36)	307		49.9		mg/Kg		08/17/22 15:07	08/18/22 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/17/22 15:07	08/18/22 03:44	1
o-Terphenyl	90		70 - 130	08/17/22 15:07	08/18/22 03:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	542		5.03		mg/Kg			08/18/22 06:13	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-5 @ 1'

Lab Sample ID: 880-18267-11

Date Collected: 08/17/22 10:40

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 10:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 10:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/17/22 16:14	08/18/22 10:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/17/22 16:14	08/18/22 10:07	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1180		49.9		mg/Kg			08/18/22 10:04	1

Method: 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 *1	49.9		mg/Kg		08/17/22 15:07	08/18/22 05:30	1
Diesel Range Organics (Over C10-C28)	1030	*1	49.9		mg/Kg		08/17/22 15:07	08/18/22 05:30	1
Oil Range Organics (Over C28-C36)	151		49.9		mg/Kg		08/17/22 15:07	08/18/22 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	08/17/22 15:07	08/18/22 05:30	1
o-Terphenyl	86		70 - 130	08/17/22 15:07	08/18/22 05:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	481		5.00		mg/Kg			08/18/22 06:20	1

Client Sample ID: AH-5 @ 2'

Lab Sample ID: 880-18267-12

Date Collected: 08/17/22 10:51

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 10:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 10:27	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-5 @ 2'

Lab Sample ID: 880-18267-12

Date Collected: 08/17/22 10:51

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 2'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/17/22 16:14	08/18/22 10:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/17/22 16:14	08/18/22 10:27	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.9		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/17/22 23:51	1
Diesel Range Organics (Over C10-C28)	51.9	*1	50.0		mg/Kg		08/17/22 15:07	08/17/22 23:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 15:07	08/17/22 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/17/22 15:07	08/17/22 23:51	1
o-Terphenyl	92		70 - 130				08/17/22 15:07	08/17/22 23:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		24.9		mg/Kg			08/18/22 06:44	5

Client Sample ID: AH-6 @ 6"

Lab Sample ID: 880-18267-13

Date Collected: 08/17/22 11:00

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 10:48	1
o-Xylene	0.00306		0.00200		mg/Kg		08/17/22 16:14	08/18/22 10:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 10:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/17/22 16:14	08/18/22 10:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/17/22 16:14	08/18/22 10:48	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1690		49.9		mg/Kg			08/18/22 10:04	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-6 @ 6"

Lab Sample ID: 880-18267-13

Date Collected: 08/17/22 11:00

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

Method: 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 *1	49.9		mg/Kg		08/17/22 15:07	08/18/22 05:09	1
Diesel Range Organics (Over C10-C28)	1450	*1	49.9		mg/Kg		08/17/22 15:07	08/18/22 05:09	1
Oil Range Organics (Over C28-C36)	236		49.9		mg/Kg		08/17/22 15:07	08/18/22 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/17/22 15:07	08/18/22 05:09	1
o-Terphenyl	95		70 - 130				08/17/22 15:07	08/18/22 05:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	558		5.00		mg/Kg			08/18/22 06:52	1

Client Sample ID: AH-6 @ 1'

Lab Sample ID: 880-18267-14

Date Collected: 08/17/22 11:10

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 11:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/17/22 16:14	08/18/22 11:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/17/22 16:14	08/18/22 11:09	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1420		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 04:05	1
Diesel Range Organics (Over C10-C28)	1220	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 04:05	1
Oil Range Organics (Over C28-C36)	202		50.0		mg/Kg		08/17/22 15:07	08/18/22 04:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/17/22 15:07	08/18/22 04:05	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-6 @ 1'

Lab Sample ID: 880-18267-14

Date Collected: 08/17/22 11:10

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	89		70 - 130	08/17/22 15:07	08/18/22 04:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	592		4.99		mg/Kg			08/18/22 07:15	1

Client Sample ID: AH-6 @ 2'

Lab Sample ID: 880-18267-15

Date Collected: 08/17/22 11:17

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 11:29	1
<i>o</i> -Xylene	0.00739		0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:29	1
Xylenes, Total	0.00739		0.00400		mg/Kg		08/17/22 16:14	08/18/22 11:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/17/22 16:14	08/18/22 11:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/17/22 16:14	08/18/22 11:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00739		0.00400		mg/Kg			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.5		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 00:12	1
Diesel Range Organics (Over C10-C28)	62.5	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 00:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 15:07	08/18/22 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	08/17/22 15:07	08/18/22 00:12	1
<i>o</i> -Terphenyl	106		70 - 130	08/17/22 15:07	08/18/22 00:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		24.9		mg/Kg			08/18/22 07:23	5

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-7 @ 6"

Lab Sample ID: 880-18267-16

Date Collected: 08/17/22 11:25

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/17/22 16:14	08/18/22 11:50	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/17/22 16:14	08/18/22 11:50	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1890		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 04:26	1
Diesel Range Organics (Over C10-C28)	1660	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 04:26	1
Oil Range Organics (Over C28-C36)	229		50.0		mg/Kg		08/17/22 15:07	08/18/22 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/17/22 15:07	08/18/22 04:26	1
o-Terphenyl	87		70 - 130	08/17/22 15:07	08/18/22 04:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	538		4.95		mg/Kg			08/18/22 07:31	1

Client Sample ID: AH-7 @ 1'

Lab Sample ID: 880-18267-17

Date Collected: 08/17/22 11:33

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 12:10	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-7 @ 1'

Lab Sample ID: 880-18267-17

Date Collected: 08/17/22 11:33

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 1'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/17/22 16:14	08/18/22 12:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/17/22 16:14	08/18/22 12:10	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1740		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 04:47	1
Diesel Range Organics (Over C10-C28)	1510	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 04:47	1
Oil Range Organics (Over C28-C36)	231		50.0		mg/Kg		08/17/22 15:07	08/18/22 04:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/17/22 15:07	08/18/22 04:47	1
o-Terphenyl	97		70 - 130				08/17/22 15:07	08/18/22 04:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	477		4.97		mg/Kg			08/18/22 07:39	1

Client Sample ID: AH-7 @ 2'

Lab Sample ID: 880-18267-18

Date Collected: 08/17/22 11:37

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/17/22 16:14	08/18/22 12:31	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/17/22 16:14	08/18/22 12:31	1

Method: 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			08/18/22 11:00	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-7 @ 2'

Lab Sample ID: 880-18267-18

Date Collected: 08/17/22 11:37

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 2'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1270		49.9		mg/Kg			08/18/22 10:04	1

Method: 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 *1	49.9		mg/Kg		08/17/22 15:07	08/18/22 01:37	1
Diesel Range Organics (Over C10-C28)	1120	*1	49.9		mg/Kg		08/17/22 15:07	08/18/22 01:37	1
Oil Range Organics (Over C28-C36)	154		49.9		mg/Kg		08/17/22 15:07	08/18/22 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/17/22 15:07	08/18/22 01:37	1
o-Terphenyl	99		70 - 130				08/17/22 15:07	08/18/22 01:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	482		4.98		mg/Kg			08/18/22 07:47	1

Client Sample ID: AH-7 @ 3'

Lab Sample ID: 880-18267-19

Date Collected: 08/17/22 11:46

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:52	1
Ethylbenzene	0.00317		0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:52	1
m-Xylene & p-Xylene	0.00934		0.00400		mg/Kg		08/17/22 16:14	08/18/22 12:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 12:52	1
Xylenes, Total	0.00934		0.00400		mg/Kg		08/17/22 16:14	08/18/22 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/17/22 16:14	08/18/22 12:52	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/17/22 16:14	08/18/22 12:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0125		0.00400		mg/Kg			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	581		49.8		mg/Kg			08/18/22 10:04	1

Method: 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 *1	49.8		mg/Kg		08/17/22 15:07	08/18/22 00:55	1
Diesel Range Organics (Over C10-C28)	518	*1	49.8		mg/Kg		08/17/22 15:07	08/18/22 00:55	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-7 @ 3'

Lab Sample ID: 880-18267-19

Date Collected: 08/17/22 11:46

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 3'

Method: 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)	63.2		49.8		mg/Kg		08/17/22 15:07	08/18/22 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/17/22 15:07	08/18/22 00:55	1
o-Terphenyl	100		70 - 130				08/17/22 15:07	08/18/22 00:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	381		5.00		mg/Kg			08/18/22 07:55	1

Client Sample ID: AH-7 @ 4'

Lab Sample ID: 880-18267-20

Date Collected: 08/17/22 12:05

Matrix: Solid

Date Received: 08/17/22 14:06

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 13:12	1
Toluene	0.00245		0.00200		mg/Kg		08/17/22 16:14	08/18/22 13:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 13:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 13:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 13:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/17/22 16:14	08/18/22 13:12	1
1,4-Difluorobenzene (Surr)	85		70 - 130				08/17/22 16:14	08/18/22 13:12	1

Method: 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			08/18/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	273		50.0		mg/Kg			08/18/22 10:04	1

Method: 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 *1	50.0		mg/Kg		08/17/22 15:07	08/18/22 03:23	1
Diesel Range Organics (Over C10-C28)	212	*1	50.0		mg/Kg		08/17/22 15:07	08/18/22 03:23	1
Oil Range Organics (Over C28-C36)	60.6		50.0		mg/Kg		08/17/22 15:07	08/18/22 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				08/17/22 15:07	08/18/22 03:23	1
o-Terphenyl	77		70 - 130				08/17/22 15:07	08/18/22 03:23	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-7 @ 4'
Date Collected: 08/17/22 12:05
Date Received: 08/17/22 14:06
Sample Depth: 4'

Lab Sample ID: 880-18267-20
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	325		4.96		mg/Kg			08/18/22 08:02	1

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

Surrogate Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

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)
880-18267-1	AH-1 @ 6"	110	112
880-18267-1 MS	AH-1 @ 6"	101	104
880-18267-1 MSD	AH-1 @ 6"	0.007 S1-	110
880-18267-2	AH-1 @ 1'	121	121
880-18267-3	AH-2 @ 6"	108	109
880-18267-4	AH-2 @ 1'	112	107
880-18267-5	AH-3 @ 6"	125	116
880-18267-6	AH-3 @ 1'	132 S1+	127
880-18267-7	AH-4 @ 6"	137 S1+	128
880-18267-8	AH-4 @ 1'	147 S1+	132 S1+
880-18267-9	AH-4 @ 2'	87	90
880-18267-10	AH-5 @ 6"	116	126
880-18267-11	AH-5 @ 1'	98	97
880-18267-12	AH-5 @ 2'	102	98
880-18267-13	AH-6 @ 6"	100	97
880-18267-14	AH-6 @ 1'	107	103
880-18267-15	AH-6 @ 2'	110	97
880-18267-16	AH-7 @ 6"	102	104
880-18267-17	AH-7 @ 1'	100	99
880-18267-18	AH-7 @ 2'	94	95
880-18267-19	AH-7 @ 3'	106	89
880-18267-20	AH-7 @ 4'	98	85
LCS 880-32378/1-A	Lab Control Sample	102	106
LCSD 880-32378/2-A	Lab Control Sample Dup	96	107
MB 880-32284/5-A	Method Blank	99	91
MB 880-32378/5-A	Method Blank	98	91
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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-18267-1	AH-1 @ 6"	79	72
880-18267-1 MS	AH-1 @ 6"	81	69 S1-
880-18267-1 MSD	AH-1 @ 6"	81	69 S1-
880-18267-2	AH-1 @ 1'	111	106
880-18267-3	AH-2 @ 6"	102	93
880-18267-4	AH-2 @ 1'	90	76
880-18267-5	AH-3 @ 6"	115	96
880-18267-6	AH-3 @ 1'	72	64 S1-
880-18267-7	AH-4 @ 6"	91	77
880-18267-8	AH-4 @ 1'	120	104
880-18267-9	AH-4 @ 2'	94	91
880-18267-10	AH-5 @ 6"	104	90
880-18267-11	AH-5 @ 1'	92	86

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Surrogate Summary

Client: AMERAPEX

Job ID: 880-18267-1

Project/Site: Denton Haul Off

SDG: Lovington 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)
880-18267-12	AH-5 @ 2'	94	92
880-18267-13	AH-6 @ 6"	107	95
880-18267-14	AH-6 @ 1'	94	89
880-18267-15	AH-6 @ 2'	115	106
880-18267-16	AH-7 @ 6"	104	87
880-18267-17	AH-7 @ 1'	108	97
880-18267-18	AH-7 @ 2'	112	99
880-18267-19	AH-7 @ 3'	105	100
880-18267-20	AH-7 @ 4'	83	77
LCS 880-32372/2-A	Lab Control Sample	126	112
LCSD 880-32372/3-A	Lab Control Sample Dup	101	96
MB 880-32372/1-A	Method Blank	94	97

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32284/5-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/16/22 20:52	08/17/22 09:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/22 20:52	08/17/22 09:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/22 20:52	08/17/22 09:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/22 20:52	08/17/22 09:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/22 20:52	08/17/22 09:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/22 20:52	08/17/22 09:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/16/22 20:52	08/17/22 09:24	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/16/22 20:52	08/17/22 09:24	1

Lab Sample ID: MB 880-32378/5-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 00:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 00:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 00:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 00:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/22 16:14	08/18/22 00:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/22 16:14	08/18/22 00:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/17/22 16:14	08/18/22 00:55	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/17/22 16:14	08/18/22 00:55	1

Lab Sample ID: LCS 880-32378/1-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09624		mg/Kg		96	70 - 130
Toluene	0.100	0.09705		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.08570		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1757		mg/Kg		88	70 - 130
o-Xylene	0.100	0.09993		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-32378/2-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32378

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0998	0.09145		mg/Kg		92	70 - 130	5	35

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

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

Lab Sample ID: LCSD 880-32378/2-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32378

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.0998	0.09299		mg/Kg		93	70 - 130	4	35
Ethylbenzene	0.0998	0.08038		mg/Kg		81	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1639		mg/Kg		82	70 - 130	7	35
o-Xylene	0.0998	0.09249		mg/Kg		93	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-18267-1 MS

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: AH-1 @ 6"

Prep Type: Total/NA

Prep Batch: 32378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.03332	F1	mg/Kg		33	70 - 130
Toluene	<0.00200	U F1	0.100	0.02638	F1	mg/Kg		26	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.01811	F1	mg/Kg		18	70 - 130
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.03486	F1	mg/Kg		17	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.01854	F1	mg/Kg		19	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-18267-1 MSD

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: AH-1 @ 6"

Prep Type: Total/NA

Prep Batch: 32378

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0998	0.03024	F1	mg/Kg		30	70 - 130	10	35
Toluene	<0.00200	U F1	0.0998	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F1	0.0998	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00400	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00200	U F1	0.0998	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	0.007	S1-	70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

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

Lab Sample ID: MB 880-32372/1-A

Matrix: Solid

Analysis Batch: 32195

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32372

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		08/17/22 15:07	08/17/22 20:35	1

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

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

Lab Sample ID: MB 880-32372/1-A

Matrix: Solid

Analysis Batch: 32195

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32372

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		08/17/22 15:07	08/17/22 20:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 15:07	08/17/22 20:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/17/22 15:07	08/17/22 20:35	1
o-Terphenyl	97		70 - 130				08/17/22 15:07	08/17/22 20:35	1

Lab Sample ID: LCS 880-32372/2-A

Matrix: Solid

Analysis Batch: 32195

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32372

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1206		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1143		mg/Kg		114	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	126		70 - 130				
o-Terphenyl	112		70 - 130				

Lab Sample ID: LCSD 880-32372/3-A

Matrix: Solid

Analysis Batch: 32195

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32372

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	957.2	*1	mg/Kg		96	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	1000	904.0	*1	mg/Kg		90	70 - 130	23	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	101		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: 880-18267-1 MS

Matrix: Solid

Analysis Batch: 32195

Client Sample ID: AH-1 @ 6"

Prep Type: Total/NA

Prep Batch: 32372

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 *1	999	906.6		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	746.7		mg/Kg		70	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	81		70 - 130						
o-Terphenyl	69	S1-	70 - 130						

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

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

Lab Sample ID: 880-18267-1 MSD

Matrix: Solid

Analysis Batch: 32195

Client Sample ID: AH-1 @ 6"

Prep Type: Total/NA

Prep Batch: 32372

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 *1	998	872.4		mg/Kg		83	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	998	756.8		mg/Kg		71	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	81		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32369/1-A

Matrix: Solid

Analysis Batch: 32383

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			08/18/22 04:07	1

Lab Sample ID: LCS 880-32369/2-A

Matrix: Solid

Analysis Batch: 32383

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.3		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-32369/3-A

Matrix: Solid

Analysis Batch: 32383

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	239.7		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-18267-1 MS

Matrix: Solid

Analysis Batch: 32383

Client Sample ID: AH-1 @ 6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	24.7		248	273.5		mg/Kg		100	90 - 110

Lab Sample ID: 880-18267-1 MSD

Matrix: Solid

Analysis Batch: 32383

Client Sample ID: AH-1 @ 6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	24.7		248	273.5		mg/Kg		100	90 - 110	0	20

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-18267-11 MS

Matrix: Solid

Analysis Batch: 32383

Client Sample ID: AH-5 @ 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	481		250	720.9		mg/Kg		96	90 - 110

Lab Sample ID: 880-18267-11 MSD

Matrix: Solid

Analysis Batch: 32383

Client Sample ID: AH-5 @ 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	481		250	720.3		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

GC VOA

Analysis Batch: 32280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-1	AH-1 @ 6"	Total/NA	Solid	8021B	32378
880-18267-2	AH-1 @ 1'	Total/NA	Solid	8021B	32378
880-18267-3	AH-2 @ 6"	Total/NA	Solid	8021B	32378
880-18267-4	AH-2 @ 1'	Total/NA	Solid	8021B	32378
880-18267-5	AH-3 @ 6"	Total/NA	Solid	8021B	32378
880-18267-6	AH-3 @ 1'	Total/NA	Solid	8021B	32378
880-18267-7	AH-4 @ 6"	Total/NA	Solid	8021B	32378
880-18267-8	AH-4 @ 1'	Total/NA	Solid	8021B	32378
880-18267-9	AH-4 @ 2'	Total/NA	Solid	8021B	32378
880-18267-10	AH-5 @ 6"	Total/NA	Solid	8021B	32378
880-18267-11	AH-5 @ 1'	Total/NA	Solid	8021B	32378
880-18267-12	AH-5 @ 2'	Total/NA	Solid	8021B	32378
880-18267-13	AH-6 @ 6"	Total/NA	Solid	8021B	32378
880-18267-14	AH-6 @ 1'	Total/NA	Solid	8021B	32378
880-18267-15	AH-6 @ 2'	Total/NA	Solid	8021B	32378
880-18267-16	AH-7 @ 6"	Total/NA	Solid	8021B	32378
880-18267-17	AH-7 @ 1'	Total/NA	Solid	8021B	32378
880-18267-18	AH-7 @ 2'	Total/NA	Solid	8021B	32378
880-18267-19	AH-7 @ 3'	Total/NA	Solid	8021B	32378
880-18267-20	AH-7 @ 4'	Total/NA	Solid	8021B	32378
MB 880-32284/5-A	Method Blank	Total/NA	Solid	8021B	32284
MB 880-32378/5-A	Method Blank	Total/NA	Solid	8021B	32378
LCS 880-32378/1-A	Lab Control Sample	Total/NA	Solid	8021B	32378
LCSD 880-32378/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32378
880-18267-1 MS	AH-1 @ 6"	Total/NA	Solid	8021B	32378
880-18267-1 MSD	AH-1 @ 6"	Total/NA	Solid	8021B	32378

Prep Batch: 32284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32284/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 32378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-1	AH-1 @ 6"	Total/NA	Solid	5035	
880-18267-2	AH-1 @ 1'	Total/NA	Solid	5035	
880-18267-3	AH-2 @ 6"	Total/NA	Solid	5035	
880-18267-4	AH-2 @ 1'	Total/NA	Solid	5035	
880-18267-5	AH-3 @ 6"	Total/NA	Solid	5035	
880-18267-6	AH-3 @ 1'	Total/NA	Solid	5035	
880-18267-7	AH-4 @ 6"	Total/NA	Solid	5035	
880-18267-8	AH-4 @ 1'	Total/NA	Solid	5035	
880-18267-9	AH-4 @ 2'	Total/NA	Solid	5035	
880-18267-10	AH-5 @ 6"	Total/NA	Solid	5035	
880-18267-11	AH-5 @ 1'	Total/NA	Solid	5035	
880-18267-12	AH-5 @ 2'	Total/NA	Solid	5035	
880-18267-13	AH-6 @ 6"	Total/NA	Solid	5035	
880-18267-14	AH-6 @ 1'	Total/NA	Solid	5035	
880-18267-15	AH-6 @ 2'	Total/NA	Solid	5035	
880-18267-16	AH-7 @ 6"	Total/NA	Solid	5035	
880-18267-17	AH-7 @ 1'	Total/NA	Solid	5035	
880-18267-18	AH-7 @ 2'	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

GC VOA (Continued)

Prep Batch: 32378 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-19	AH-7 @ 3'	Total/NA	Solid	5035	
880-18267-20	AH-7 @ 4'	Total/NA	Solid	5035	
MB 880-32378/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32378/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32378/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18267-1 MS	AH-1 @ 6"	Total/NA	Solid	5035	
880-18267-1 MSD	AH-1 @ 6"	Total/NA	Solid	5035	

Analysis Batch: 32425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-1	AH-1 @ 6"	Total/NA	Solid	Total BTEX	
880-18267-2	AH-1 @ 1'	Total/NA	Solid	Total BTEX	
880-18267-3	AH-2 @ 6"	Total/NA	Solid	Total BTEX	
880-18267-4	AH-2 @ 1'	Total/NA	Solid	Total BTEX	
880-18267-5	AH-3 @ 6"	Total/NA	Solid	Total BTEX	
880-18267-6	AH-3 @ 1'	Total/NA	Solid	Total BTEX	
880-18267-7	AH-4 @ 6"	Total/NA	Solid	Total BTEX	
880-18267-8	AH-4 @ 1'	Total/NA	Solid	Total BTEX	
880-18267-9	AH-4 @ 2'	Total/NA	Solid	Total BTEX	
880-18267-10	AH-5 @ 6"	Total/NA	Solid	Total BTEX	
880-18267-11	AH-5 @ 1'	Total/NA	Solid	Total BTEX	
880-18267-12	AH-5 @ 2'	Total/NA	Solid	Total BTEX	
880-18267-13	AH-6 @ 6"	Total/NA	Solid	Total BTEX	
880-18267-14	AH-6 @ 1'	Total/NA	Solid	Total BTEX	
880-18267-15	AH-6 @ 2'	Total/NA	Solid	Total BTEX	
880-18267-16	AH-7 @ 6"	Total/NA	Solid	Total BTEX	
880-18267-17	AH-7 @ 1'	Total/NA	Solid	Total BTEX	
880-18267-18	AH-7 @ 2'	Total/NA	Solid	Total BTEX	
880-18267-19	AH-7 @ 3'	Total/NA	Solid	Total BTEX	
880-18267-20	AH-7 @ 4'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 32195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-1	AH-1 @ 6"	Total/NA	Solid	8015B NM	32372
880-18267-2	AH-1 @ 1'	Total/NA	Solid	8015B NM	32372
880-18267-3	AH-2 @ 6"	Total/NA	Solid	8015B NM	32372
880-18267-4	AH-2 @ 1'	Total/NA	Solid	8015B NM	32372
880-18267-5	AH-3 @ 6"	Total/NA	Solid	8015B NM	32372
880-18267-6	AH-3 @ 1'	Total/NA	Solid	8015B NM	32372
880-18267-7	AH-4 @ 6"	Total/NA	Solid	8015B NM	32372
880-18267-8	AH-4 @ 1'	Total/NA	Solid	8015B NM	32372
880-18267-9	AH-4 @ 2'	Total/NA	Solid	8015B NM	32372
880-18267-10	AH-5 @ 6"	Total/NA	Solid	8015B NM	32372
880-18267-11	AH-5 @ 1'	Total/NA	Solid	8015B NM	32372
880-18267-12	AH-5 @ 2'	Total/NA	Solid	8015B NM	32372
880-18267-13	AH-6 @ 6"	Total/NA	Solid	8015B NM	32372
880-18267-14	AH-6 @ 1'	Total/NA	Solid	8015B NM	32372
880-18267-15	AH-6 @ 2'	Total/NA	Solid	8015B NM	32372
880-18267-16	AH-7 @ 6"	Total/NA	Solid	8015B NM	32372

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

GC Semi VOA (Continued)

Analysis Batch: 32195 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-17	AH-7 @ 1'	Total/NA	Solid	8015B NM	32372
880-18267-18	AH-7 @ 2'	Total/NA	Solid	8015B NM	32372
880-18267-19	AH-7 @ 3'	Total/NA	Solid	8015B NM	32372
880-18267-20	AH-7 @ 4'	Total/NA	Solid	8015B NM	32372
MB 880-32372/1-A	Method Blank	Total/NA	Solid	8015B NM	32372
LCS 880-32372/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32372
LCSD 880-32372/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32372
880-18267-1 MS	AH-1 @ 6"	Total/NA	Solid	8015B NM	32372
880-18267-1 MSD	AH-1 @ 6"	Total/NA	Solid	8015B NM	32372

Prep Batch: 32372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-1	AH-1 @ 6"	Total/NA	Solid	8015NM Prep	
880-18267-2	AH-1 @ 1'	Total/NA	Solid	8015NM Prep	
880-18267-3	AH-2 @ 6"	Total/NA	Solid	8015NM Prep	
880-18267-4	AH-2 @ 1'	Total/NA	Solid	8015NM Prep	
880-18267-5	AH-3 @ 6"	Total/NA	Solid	8015NM Prep	
880-18267-6	AH-3 @ 1'	Total/NA	Solid	8015NM Prep	
880-18267-7	AH-4 @ 6"	Total/NA	Solid	8015NM Prep	
880-18267-8	AH-4 @ 1'	Total/NA	Solid	8015NM Prep	
880-18267-9	AH-4 @ 2'	Total/NA	Solid	8015NM Prep	
880-18267-10	AH-5 @ 6"	Total/NA	Solid	8015NM Prep	
880-18267-11	AH-5 @ 1'	Total/NA	Solid	8015NM Prep	
880-18267-12	AH-5 @ 2'	Total/NA	Solid	8015NM Prep	
880-18267-13	AH-6 @ 6"	Total/NA	Solid	8015NM Prep	
880-18267-14	AH-6 @ 1'	Total/NA	Solid	8015NM Prep	
880-18267-15	AH-6 @ 2'	Total/NA	Solid	8015NM Prep	
880-18267-16	AH-7 @ 6"	Total/NA	Solid	8015NM Prep	
880-18267-17	AH-7 @ 1'	Total/NA	Solid	8015NM Prep	
880-18267-18	AH-7 @ 2'	Total/NA	Solid	8015NM Prep	
880-18267-19	AH-7 @ 3'	Total/NA	Solid	8015NM Prep	
880-18267-20	AH-7 @ 4'	Total/NA	Solid	8015NM Prep	
MB 880-32372/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32372/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32372/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18267-1 MS	AH-1 @ 6"	Total/NA	Solid	8015NM Prep	
880-18267-1 MSD	AH-1 @ 6"	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-1	AH-1 @ 6"	Total/NA	Solid	8015 NM	
880-18267-2	AH-1 @ 1'	Total/NA	Solid	8015 NM	
880-18267-3	AH-2 @ 6"	Total/NA	Solid	8015 NM	
880-18267-4	AH-2 @ 1'	Total/NA	Solid	8015 NM	
880-18267-5	AH-3 @ 6"	Total/NA	Solid	8015 NM	
880-18267-6	AH-3 @ 1'	Total/NA	Solid	8015 NM	
880-18267-7	AH-4 @ 6"	Total/NA	Solid	8015 NM	
880-18267-8	AH-4 @ 1'	Total/NA	Solid	8015 NM	
880-18267-9	AH-4 @ 2'	Total/NA	Solid	8015 NM	
880-18267-10	AH-5 @ 6"	Total/NA	Solid	8015 NM	
880-18267-11	AH-5 @ 1'	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

GC Semi VOA (Continued)

Analysis Batch: 32413 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-12	AH-5 @ 2'	Total/NA	Solid	8015 NM	
880-18267-13	AH-6 @ 6"	Total/NA	Solid	8015 NM	
880-18267-14	AH-6 @ 1'	Total/NA	Solid	8015 NM	
880-18267-15	AH-6 @ 2'	Total/NA	Solid	8015 NM	
880-18267-16	AH-7 @ 6"	Total/NA	Solid	8015 NM	
880-18267-17	AH-7 @ 1'	Total/NA	Solid	8015 NM	
880-18267-18	AH-7 @ 2'	Total/NA	Solid	8015 NM	
880-18267-19	AH-7 @ 3'	Total/NA	Solid	8015 NM	
880-18267-20	AH-7 @ 4'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-1	AH-1 @ 6"	Soluble	Solid	DI Leach	
880-18267-2	AH-1 @ 1'	Soluble	Solid	DI Leach	
880-18267-3	AH-2 @ 6"	Soluble	Solid	DI Leach	
880-18267-4	AH-2 @ 1'	Soluble	Solid	DI Leach	
880-18267-5	AH-3 @ 6"	Soluble	Solid	DI Leach	
880-18267-6	AH-3 @ 1'	Soluble	Solid	DI Leach	
880-18267-7	AH-4 @ 6"	Soluble	Solid	DI Leach	
880-18267-8	AH-4 @ 1'	Soluble	Solid	DI Leach	
880-18267-9	AH-4 @ 2'	Soluble	Solid	DI Leach	
880-18267-10	AH-5 @ 6"	Soluble	Solid	DI Leach	
880-18267-11	AH-5 @ 1'	Soluble	Solid	DI Leach	
880-18267-12	AH-5 @ 2'	Soluble	Solid	DI Leach	
880-18267-13	AH-6 @ 6"	Soluble	Solid	DI Leach	
880-18267-14	AH-6 @ 1'	Soluble	Solid	DI Leach	
880-18267-15	AH-6 @ 2'	Soluble	Solid	DI Leach	
880-18267-16	AH-7 @ 6"	Soluble	Solid	DI Leach	
880-18267-17	AH-7 @ 1'	Soluble	Solid	DI Leach	
880-18267-18	AH-7 @ 2'	Soluble	Solid	DI Leach	
880-18267-19	AH-7 @ 3'	Soluble	Solid	DI Leach	
880-18267-20	AH-7 @ 4'	Soluble	Solid	DI Leach	
MB 880-32369/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32369/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32369/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18267-1 MS	AH-1 @ 6"	Soluble	Solid	DI Leach	
880-18267-1 MSD	AH-1 @ 6"	Soluble	Solid	DI Leach	
880-18267-11 MS	AH-5 @ 1'	Soluble	Solid	DI Leach	
880-18267-11 MSD	AH-5 @ 1'	Soluble	Solid	DI Leach	

Analysis Batch: 32383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-1	AH-1 @ 6"	Soluble	Solid	300.0	32369
880-18267-2	AH-1 @ 1'	Soluble	Solid	300.0	32369
880-18267-3	AH-2 @ 6"	Soluble	Solid	300.0	32369
880-18267-4	AH-2 @ 1'	Soluble	Solid	300.0	32369
880-18267-5	AH-3 @ 6"	Soluble	Solid	300.0	32369
880-18267-6	AH-3 @ 1'	Soluble	Solid	300.0	32369
880-18267-7	AH-4 @ 6"	Soluble	Solid	300.0	32369

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

HPLC/IC (Continued)

Analysis Batch: 32383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18267-8	AH-4 @ 1'	Soluble	Solid	300.0	32369
880-18267-9	AH-4 @ 2'	Soluble	Solid	300.0	32369
880-18267-10	AH-5 @ 6"	Soluble	Solid	300.0	32369
880-18267-11	AH-5 @ 1'	Soluble	Solid	300.0	32369
880-18267-12	AH-5 @ 2'	Soluble	Solid	300.0	32369
880-18267-13	AH-6 @ 6"	Soluble	Solid	300.0	32369
880-18267-14	AH-6 @ 1'	Soluble	Solid	300.0	32369
880-18267-15	AH-6 @ 2'	Soluble	Solid	300.0	32369
880-18267-16	AH-7 @ 6"	Soluble	Solid	300.0	32369
880-18267-17	AH-7 @ 1'	Soluble	Solid	300.0	32369
880-18267-18	AH-7 @ 2'	Soluble	Solid	300.0	32369
880-18267-19	AH-7 @ 3'	Soluble	Solid	300.0	32369
880-18267-20	AH-7 @ 4'	Soluble	Solid	300.0	32369
MB 880-32369/1-A	Method Blank	Soluble	Solid	300.0	32369
LCS 880-32369/2-A	Lab Control Sample	Soluble	Solid	300.0	32369
LCSD 880-32369/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32369
880-18267-1 MS	AH-1 @ 6"	Soluble	Solid	300.0	32369
880-18267-1 MSD	AH-1 @ 6"	Soluble	Solid	300.0	32369
880-18267-11 MS	AH-5 @ 1'	Soluble	Solid	300.0	32369
880-18267-11 MSD	AH-5 @ 1'	Soluble	Solid	300.0	32369

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-1 @ 6"

Lab Sample ID: 880-18267-1

Date Collected: 08/17/22 09:45

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.00 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 01:16	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 21:41	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 04:31	CH	EET MID

Client Sample ID: AH-1 @ 1'

Lab Sample ID: 880-18267-2

Date Collected: 08/17/22 09:47

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.99 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 01:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 07:43	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		5			32383	08/18/22 04:54	CH	EET MID

Client Sample ID: AH-2 @ 6"

Lab Sample ID: 880-18267-3

Date Collected: 08/17/22 09:55

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.98 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 01:57	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 02:40	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 05:02	CH	EET MID

Client Sample ID: AH-2 @ 1'

Lab Sample ID: 880-18267-4

Date Collected: 08/17/22 09:58

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.99 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 02:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-2 @ 1'

Lab Sample ID: 880-18267-4

Date Collected: 08/17/22 09:58

Matrix: Solid

Date Received: 08/17/22 14:06

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			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 23:08	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		5			32383	08/18/22 05:10	CH	EET MID

Client Sample ID: AH-3 @ 6"

Lab Sample ID: 880-18267-5

Date Collected: 08/17/22 10:03

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.01 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 02:38	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 02:19	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 05:18	CH	EET MID

Client Sample ID: AH-3 @ 1'

Lab Sample ID: 880-18267-6

Date Collected: 08/17/22 10:12

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.00 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 02:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 23:29	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		5			32383	08/18/22 05:41	CH	EET MID

Client Sample ID: AH-4 @ 6"

Lab Sample ID: 880-18267-7

Date Collected: 08/17/22 10:18

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.00 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 03:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 03:02	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-4 @ 6"

Lab Sample ID: 880-18267-7

Date Collected: 08/17/22 10:18

Matrix: Solid

Date Received: 08/17/22 14:06

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	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 05:49	CH	EET MID

Client Sample ID: AH-4 @ 1'

Lab Sample ID: 880-18267-8

Date Collected: 08/17/22 10:22

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.00 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 03:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 01:16	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 05:57	CH	EET MID

Client Sample ID: AH-4 @ 2'

Lab Sample ID: 880-18267-9

Date Collected: 08/17/22 10:30

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.99 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 04:00	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 00:33	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		5			32383	08/18/22 06:05	CH	EET MID

Client Sample ID: AH-5 @ 6"

Lab Sample ID: 880-18267-10

Date Collected: 08/17/22 10:35

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.01 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 08:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 03:44	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 06:13	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-5 @ 1'

Lab Sample ID: 880-18267-11

Date Collected: 08/17/22 10:40

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.01 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 10:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 05:30	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 06:20	CH	EET MID

Client Sample ID: AH-5 @ 2'

Lab Sample ID: 880-18267-12

Date Collected: 08/17/22 10:51

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.01 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 10:27	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 23:51	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		5			32383	08/18/22 06:44	CH	EET MID

Client Sample ID: AH-6 @ 6"

Lab Sample ID: 880-18267-13

Date Collected: 08/17/22 11:00

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.02 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 10:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 05:09	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 06:52	CH	EET MID

Client Sample ID: AH-6 @ 1'

Lab Sample ID: 880-18267-14

Date Collected: 08/17/22 11:10

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.03 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 11:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-6 @ 1'

Lab Sample ID: 880-18267-14

Date Collected: 08/17/22 11:10

Matrix: Solid

Date Received: 08/17/22 14:06

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			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 04:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 07:15	CH	EET MID

Client Sample ID: AH-6 @ 2'

Lab Sample ID: 880-18267-15

Date Collected: 08/17/22 11:17

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.99 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 11:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 00:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		5			32383	08/18/22 07:23	CH	EET MID

Client Sample ID: AH-7 @ 6"

Lab Sample ID: 880-18267-16

Date Collected: 08/17/22 11:25

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.97 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 11:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 04:26	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 07:31	CH	EET MID

Client Sample ID: AH-7 @ 1'

Lab Sample ID: 880-18267-17

Date Collected: 08/17/22 11:33

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.99 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 12:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 04:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Client Sample ID: AH-7 @ 1'

Lab Sample ID: 880-18267-17

Date Collected: 08/17/22 11:33

Matrix: Solid

Date Received: 08/17/22 14:06

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	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 07:39	CH	EET MID

Client Sample ID: AH-7 @ 2'

Lab Sample ID: 880-18267-18

Date Collected: 08/17/22 11:37

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.98 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 12:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 01:37	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 07:47	CH	EET MID

Client Sample ID: AH-7 @ 3'

Lab Sample ID: 880-18267-19

Date Collected: 08/17/22 11:46

Matrix: Solid

Date Received: 08/17/22 14:06

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	4.99 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 12:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 00:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 07:55	CH	EET MID

Client Sample ID: AH-7 @ 4'

Lab Sample ID: 880-18267-20

Date Collected: 08/17/22 12:05

Matrix: Solid

Date Received: 08/17/22 14:06

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	5.01 g	32378	08/17/22 16:14	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32280	08/18/22 13:12	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32425	08/18/22 11:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			32413	08/18/22 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32372	08/17/22 15:07	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/18/22 03:23	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32369	08/17/22 14:48	CH	EET MID
Soluble	Analysis	300.0		1			32383	08/18/22 08:02	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

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

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Accreditation/Certification Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington 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
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- 13
- 14

Method Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington 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: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18267-1
SDG: Lovington NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-18267-1	AH-1 @ 6"	Solid	08/17/22 09:45	08/17/22 14:06	6"
880-18267-2	AH-1 @ 1'	Solid	08/17/22 09:47	08/17/22 14:06	1'
880-18267-3	AH-2 @ 6"	Solid	08/17/22 09:55	08/17/22 14:06	6"
880-18267-4	AH-2 @ 1'	Solid	08/17/22 09:58	08/17/22 14:06	1'
880-18267-5	AH-3 @ 6"	Solid	08/17/22 10:03	08/17/22 14:06	6"
880-18267-6	AH-3 @ 1'	Solid	08/17/22 10:12	08/17/22 14:06	1'
880-18267-7	AH-4 @ 6"	Solid	08/17/22 10:18	08/17/22 14:06	6"
880-18267-8	AH-4 @ 1'	Solid	08/17/22 10:22	08/17/22 14:06	1'
880-18267-9	AH-4 @ 2'	Solid	08/17/22 10:30	08/17/22 14:06	2'
880-18267-10	AH-5 @ 6"	Solid	08/17/22 10:35	08/17/22 14:06	6"
880-18267-11	AH-5 @ 1'	Solid	08/17/22 10:40	08/17/22 14:06	1'
880-18267-12	AH-5 @ 2'	Solid	08/17/22 10:51	08/17/22 14:06	2'
880-18267-13	AH-6 @ 6"	Solid	08/17/22 11:00	08/17/22 14:06	6"
880-18267-14	AH-6 @ 1'	Solid	08/17/22 11:10	08/17/22 14:06	1'
880-18267-15	AH-6 @ 2'	Solid	08/17/22 11:17	08/17/22 14:06	2'
880-18267-16	AH-7 @ 6"	Solid	08/17/22 11:25	08/17/22 14:06	6"
880-18267-17	AH-7 @ 1'	Solid	08/17/22 11:33	08/17/22 14:06	1'
880-18267-18	AH-7 @ 2'	Solid	08/17/22 11:37	08/17/22 14:06	2'
880-18267-19	AH-7 @ 3'	Solid	08/17/22 11:46	08/17/22 14:06	3'
880-18267-20	AH-7 @ 4'	Solid	08/17/22 12:05	08/17/22 14:06	4'



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: 18267

www.xenco.com Page 1 of 2

Project Manager:	JANET FOWLER	Bill to: (if different)	
Company Name:	AMERAPEX	Company Name:	
Address:	2950 NEARLICK WEST	Address:	
City/State/Zip:	HOUSTON TX 77063	City/State/Zip:	
Phone:	432 557 0934	Email:	JFOWLER@AMERAPEX.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		

Project Name:	NEUTRAL HALL OFF	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:	23-2-0174	Due Date:	3/4/24		
Project Location:	LOUISIANA NH	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	JANET FOWLER				
P.O. #:					
SAMPLE RECEIPT		Temp Blank:	Yes ☐ No ☒	Wet Ice:	Yes ☐ No ☒
Samples Received In tact:	Yes ☒ No ☐	Thermometer ID:	7720		
Cooler Custody Seals:	Yes ☐ No ☒	Correction Factor:	.20		
Sample Custody Seals:	Yes ☐ No ☒	Temperature Reading	8.7		
Total Containers:		Corrected Temperature:	5.9		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
AA-1 @ 10' in'	Soil	8/17	4:45	6"	C	1	TPH 620+DDO 8015		None NO	DI Water H ₂ O
AA-1 @ 1' in'	Soil	8/17	6:47	1'	C	1	BTEX EPA SW-846		Cool Cool	MeOH Me
AA-3 @ 10' in'	Soil	8/17	7:55	6"	C	1	SM4500		HCL HC	HNO ₃ HN
AA-3 @ 1' in'	Soil	8/17	7:58	1'	C	1	1/10-10ES		H ₂ SO ₄ H ₂	NaOH Na
AA-3 @ 10' in'	Soil	8/17	10:03	6"	C	1			H ₃ PO ₄ HP	
AA-3 @ 1' in'	Soil	8/17	10:12	1'	C	1			NaHSO ₄ NABIS	
AA-4 @ 10' in'	Soil	8/17	10:18	6"	C	1			Na ₂ S ₂ O ₃ NASO ₃	
AA-4 @ 1' in'	Soil	8/17	10:22	1'	C	1			Zn Acetate+NaOH Zn	
AA-4 @ 10' in'	Soil	8/17	10:30	6"	C	1			NaOH+Ascorbic Acid, SAPC	
AA-5 @ 10' in'	Soil	8/17	10:35	6"	C	1				



880-18267 Chain of Custody

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 SiO₂ 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 / 2451 / 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
		8/17/22			2
		14:00			4
					6



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: 18267

www.xenco.com Page 2 of 2

Project Manager:	James Fowler	Bill to: (if different)	
Company Name:	Ameriquest	Company Name:	
Address:	24504 Loop West	Address:	
City/State/Zip:	Houston TX 77062	City/State/Zip:	
Phone:	432 552 0934	Email:	JEOWLER@AMQUEST.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

Project Name:	DUSTON HALL OFF	Turn Around		
Project Number:	22-2-0174	☐ Routine ☒ Rush		
Project Location:	Leasing from UH	Due Date:	24th	
Sample's Name:	James Fowler	TAT starts the day received by the lab if received by 4:30pm		
PO #				
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples 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:		Corrected Temperature:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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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 SiO₂ 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 / 2451 / 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
		8/17/22			2
		14:06			4
					6

Login Sample Receipt Checklist

Client: AMERAPEX

Job Number: 880-18267-1

SDG Number: Lovington NM

Login Number: 18267

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-18370-1

Laboratory Sample Delivery Group: Lovington New Mexico
Client Project/Site: Denton Haul Off
Revision: 2

For:

AMERAPEX
2950 North Loop West
Suite 1100
Houston, Texas 77092

Attn: Jamey Fowler

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
8/25/2022 2:40:44 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: AMERAPEX
Project/Site: Denton Haul Off

Laboratory Job ID: 880-18370-1
SDG: Lovington New Mexico

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Definitions/Glossary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
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
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low 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: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Job ID: 880-18370-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-18370-1**REVISION

The report being provided is a revision of the original report sent on 8/24/2022. The report (revision 2) is being revised due to Sample depths still not correct, revision needed.

Report revision history

The report being provided is a revision of the original report sent on 8/24/2022. The report (revision 2) is being revised due to Sample depths still not correct, revision needed.

Revision 1 - 8/25/2022 - Reason - Per client email, requesting sample depths to be corrected.

Receipt

The samples were received on 8/19/2022 4:43 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 3.4°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: AH-4a @ 1.5 (880-18370-7). 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: AH-2a @ 1.5 (880-18370-3). 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: Surrogate recovery for the following samples were outside control limits: (890-2767-A-1-B), (890-2767-A-1-C MS) and (890-2767-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: AH-2b @ 1.5 (880-18370-4). 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: AH-3b @ 1.5 (880-18370-6), AH-4a @ 1.5 (880-18370-7) and AH-4b @ 1.5 (880-18370-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: AH-6a @ 3 (880-18370-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: AH-7a @ 4 (880-18370-13). 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 880-32542 and analytical batch 880-32551 contained Gasoline Range Organics (GRO)-C6-C10, Diesel Range Organics (Over C10-C28) and 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 880-32542 and analytical batch 880-32551 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated

Case Narrative

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Job ID: 880-18370-1 (Continued)

Laboratory: Eurofins Midland (Continued)

laboratory control sample (LCS) recovery was within acceptance limits.

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: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-1a @ 1.5

Lab Sample ID: 880-18370-1

Date Collected: 08/19/22 10:35

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/20/22 11:38	08/21/22 16:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/20/22 11:38	08/21/22 16:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/20/22 11:38	08/21/22 16:01	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/20/22 11:38	08/21/22 16:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/20/22 11:38	08/21/22 16:01	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/20/22 11:38	08/21/22 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/20/22 11:38	08/21/22 16:01	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/20/22 11:38	08/21/22 16:01	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.7		50.0		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 00:31	1
Diesel Range Organics (Over C10-C28)	55.7		50.0		mg/Kg		08/19/22 17:44	08/21/22 00:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/21/22 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	08/19/22 17:44	08/21/22 00:31	1
o-Terphenyl	75		70 - 130	08/19/22 17:44	08/21/22 00:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.13		5.05		mg/Kg			08/22/22 21:50	1

Client Sample ID: AH-1b @ 1.5

Lab Sample ID: 880-18370-2

Date Collected: 08/19/22 10:40

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 16:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 16:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 16:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/20/22 11:38	08/21/22 16:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 16:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/22 11:38	08/21/22 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/20/22 11:38	08/21/22 16:21	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-1b @ 1.5

Lab Sample ID: 880-18370-2

Date Collected: 08/19/22 10:40

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	08/20/22 11:38	08/21/22 16:21	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.3		49.8		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 00:52	1
Diesel Range Organics (Over C10-C28)	50.3		49.8		mg/Kg		08/19/22 17:44	08/21/22 00:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 17:44	08/21/22 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				08/19/22 17:44	08/21/22 00:52	1
o-Terphenyl	87		70 - 130				08/19/22 17:44	08/21/22 00:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		4.99		mg/Kg			08/22/22 22:18	1

Client Sample ID: AH-2a @ 1.5

Lab Sample ID: 880-18370-3

Date Collected: 08/19/22 10:55

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 16:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 16:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 16:42	1
m-Xylene & p-Xylene	0.00515		0.00399		mg/Kg		08/20/22 11:38	08/21/22 16:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 16:42	1
Xylenes, Total	0.00515		0.00399		mg/Kg		08/20/22 11:38	08/21/22 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130	08/20/22 11:38	08/21/22 16:42	1
1,4-Difluorobenzene (Surr)	153	S1+	70 - 130	08/20/22 11:38	08/21/22 16:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00515		0.00399		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.0		50.0		mg/Kg			08/22/22 13:29	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-2a @ 1.5

Lab Sample ID: 880-18370-3

Date Collected: 08/19/22 10:55

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 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		08/19/22 17:44	08/21/22 01:13	1
Diesel Range Organics (Over C10-C28)	52.0		50.0		mg/Kg		08/19/22 17:44	08/21/22 01:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/21/22 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				08/19/22 17:44	08/21/22 01:13	1
o-Terphenyl	83		70 - 130				08/19/22 17:44	08/21/22 01:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1		4.96		mg/Kg			08/22/22 22:27	1

Client Sample ID: AH-2b @ 1.5

Lab Sample ID: 880-18370-4

Date Collected: 08/19/22 11:03

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 17:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 17:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 17:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 17:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 17:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/20/22 11:38	08/21/22 17:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/20/22 11:38	08/21/22 17:02	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.3		49.9		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 01:55	1
Diesel Range Organics (Over C10-C28)	50.3		49.9		mg/Kg		08/19/22 17:44	08/21/22 01:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/21/22 01:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				08/19/22 17:44	08/21/22 01:55	1
o-Terphenyl	74		70 - 130				08/19/22 17:44	08/21/22 01:55	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-2b @ 1.5

Lab Sample ID: 880-18370-4

Date Collected: 08/19/22 11:03

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		4.98		mg/Kg			08/22/22 22:36	1

Client Sample ID: AH-3a @ 1.5

Lab Sample ID: 880-18370-5

Date Collected: 08/19/22 11:10

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 17:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 17:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 17:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/20/22 11:38	08/21/22 17:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 17:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/22 11:38	08/21/22 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				08/20/22 11:38	08/21/22 17:23	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/20/22 11:38	08/21/22 17:23	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.0		49.8		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 02:16	1
Diesel Range Organics (Over C10-C28)	53.0		49.8		mg/Kg		08/19/22 17:44	08/21/22 02:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 17:44	08/21/22 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				08/19/22 17:44	08/21/22 02:16	1
o-Terphenyl	76		70 - 130				08/19/22 17:44	08/21/22 02:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.44		5.02		mg/Kg			08/22/22 22:45	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-3b @ 1.5

Lab Sample ID: 880-18370-6

Date Collected: 08/19/22 11:16

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 17:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 17:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 17:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/20/22 11:38	08/21/22 17:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 17:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/22 11:38	08/21/22 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/20/22 11:38	08/21/22 17:43	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/20/22 11:38	08/21/22 17:43	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.4		49.9		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 02:37	1
Diesel Range Organics (Over C10-C28)	55.4		49.9		mg/Kg		08/19/22 17:44	08/21/22 02:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/21/22 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	08/19/22 17:44	08/21/22 02:37	1
o-Terphenyl	71		70 - 130	08/19/22 17:44	08/21/22 02:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.34		5.04		mg/Kg			08/22/22 23:13	1

Client Sample ID: AH-4a @ 1.5

Lab Sample ID: 880-18370-7

Date Collected: 08/19/22 11:25

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 18:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 18:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 18:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 18:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 18:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	08/20/22 11:38	08/21/22 18:04	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-4a @ 1.5

Lab Sample ID: 880-18370-7

Date Collected: 08/19/22 11:25

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	128		70 - 130	08/20/22 11:38	08/21/22 18:04	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.4		50.0		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 02:59	1
Diesel Range Organics (Over C10-C28)	52.4		50.0		mg/Kg		08/19/22 17:44	08/21/22 02:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/21/22 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				08/19/22 17:44	08/21/22 02:59	1
o-Terphenyl	75		70 - 130				08/19/22 17:44	08/21/22 02:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		5.04		mg/Kg			08/22/22 23:22	1

Client Sample ID: AH-4b @ 1.5

Lab Sample ID: 880-18370-8

Date Collected: 08/19/22 11:33

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 18:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 18:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 18:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/20/22 11:38	08/21/22 18:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 18:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/22 11:38	08/21/22 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	08/20/22 11:38	08/21/22 18:24	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/20/22 11:38	08/21/22 18:24	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.4		49.8		mg/Kg			08/22/22 13:29	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-4b @ 1.5

Lab Sample ID: 880-18370-8

Date Collected: 08/19/22 11:33

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 1.5

Method: 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		08/19/22 17:44	08/21/22 03:20	1
Diesel Range Organics (Over C10-C28)	53.4		49.8		mg/Kg		08/19/22 17:44	08/21/22 03:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 17:44	08/21/22 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				08/19/22 17:44	08/21/22 03:20	1
o-Terphenyl	73		70 - 130				08/19/22 17:44	08/21/22 03:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		4.97		mg/Kg			08/22/22 23:31	1

Client Sample ID: AH-5a @ 3

Lab Sample ID: 880-18370-9

Date Collected: 08/19/22 11:42

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 18:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 18:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 18:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 18:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 18:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				08/20/22 11:38	08/21/22 18:45	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/20/22 11:38	08/21/22 18:45	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.4		49.9		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 03:41	1
Diesel Range Organics (Over C10-C28)	53.4		49.9		mg/Kg		08/19/22 17:44	08/21/22 03:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/21/22 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				08/19/22 17:44	08/21/22 03:41	1
o-Terphenyl	81		70 - 130				08/19/22 17:44	08/21/22 03:41	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-5a @ 3

Lab Sample ID: 880-18370-9

Date Collected: 08/19/22 11:42

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.72		4.96		mg/Kg			08/22/22 23:40	1

Client Sample ID: AH-5b @ 3

Lab Sample ID: 880-18370-10

Date Collected: 08/19/22 11:50

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 19:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 19:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 19:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 19:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 19:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				08/20/22 11:38	08/21/22 19:05	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/20/22 11:38	08/21/22 19:05	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.7		49.8		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 04:02	1
Diesel Range Organics (Over C10-C28)	52.7		49.8		mg/Kg		08/19/22 17:44	08/21/22 04:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 17:44	08/21/22 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				08/19/22 17:44	08/21/22 04:02	1
o-Terphenyl	90		70 - 130				08/19/22 17:44	08/21/22 04:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.85		5.02		mg/Kg			08/22/22 23:50	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-6a @ 3

Lab Sample ID: 880-18370-11

Date Collected: 08/19/22 11:57

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 20:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 20:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 20:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/20/22 11:38	08/21/22 20:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 20:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/20/22 11:38	08/21/22 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/20/22 11:38	08/21/22 20:55	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/20/22 11:38	08/21/22 20:55	1

Method: 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			08/22/22 09:08	1

Method: 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			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 04:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/21/22 04:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/21/22 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	08/19/22 17:44	08/21/22 04:23	1
o-Terphenyl	75		70 - 130	08/19/22 17:44	08/21/22 04:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.40		5.01		mg/Kg			08/22/22 23:59	1

Client Sample ID: AH-6b @ 3

Lab Sample ID: 880-18370-12

Date Collected: 08/19/22 12:02

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 21:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 21:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 21:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/20/22 11:38	08/21/22 21:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 21:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/22 11:38	08/21/22 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	08/20/22 11:38	08/21/22 21:16	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-6b @ 3

Lab Sample ID: 880-18370-12

Date Collected: 08/19/22 12:02

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	125		70 - 130	08/20/22 11:38	08/21/22 21:16	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.4		49.9		mg/Kg			08/22/22 13:29	1

Method: 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		08/19/22 17:44	08/21/22 04:45	1
Diesel Range Organics (Over C10-C28)	52.4		49.9		mg/Kg		08/19/22 17:44	08/21/22 04:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/21/22 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				08/19/22 17:44	08/21/22 04:45	1
o-Terphenyl	77		70 - 130				08/19/22 17:44	08/21/22 04:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.76		4.98		mg/Kg			08/23/22 00:27	1

Client Sample ID: AH-7a @ 4

Lab Sample ID: 880-18370-13

Date Collected: 08/19/22 12:13

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 21:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 21:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 21:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/20/22 11:38	08/21/22 21:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/22 11:38	08/21/22 21:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/22 11:38	08/21/22 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/20/22 11:38	08/21/22 21:36	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/20/22 11:38	08/21/22 21:36	1

Method: 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			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.6		49.8		mg/Kg			08/22/22 13:29	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-7a @ 4

Lab Sample ID: 880-18370-13

Date Collected: 08/19/22 12:13

Matrix: Solid

Date Received: 08/19/22 16:43

Sample Depth: 4

Method: 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		08/19/22 17:44	08/21/22 05:06	1
Diesel Range Organics (Over C10-C28)	51.6		49.8		mg/Kg		08/19/22 17:44	08/21/22 05:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 17:44	08/21/22 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				08/19/22 17:44	08/21/22 05:06	1
o-Terphenyl	71		70 - 130				08/19/22 17:44	08/21/22 05:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.15		4.99		mg/Kg			08/23/22 00:36	1

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Surrogate Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

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)
880-18370-1	AH-1a @ 1.5	92	101
880-18370-1 MS	AH-1a @ 1.5	106	103
880-18370-1 MSD	AH-1a @ 1.5	89	107
880-18370-2	AH-1b @ 1.5	91	95
880-18370-3	AH-2a @ 1.5	61 S1-	153 S1+
880-18370-4	AH-2b @ 1.5	88	100
880-18370-5	AH-3a @ 1.5	90	100
880-18370-6	AH-3b @ 1.5	91	105
880-18370-7	AH-4a @ 1.5	67 S1-	128
880-18370-8	AH-4b @ 1.5	80	106
880-18370-9	AH-5a @ 3	90	103
880-18370-10	AH-5b @ 3	93	102
880-18370-11	AH-6a @ 3	84	104
880-18370-12	AH-6b @ 3	74	125
880-18370-13	AH-7a @ 4	95	101
LCS 880-32563/1-A	Lab Control Sample	99	100
LCSD 880-32563/2-A	Lab Control Sample Dup	104	92
MB 880-32563/5-A	Method Blank	79	116

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)
880-18370-1	AH-1a @ 1.5	72	75
880-18370-2	AH-1b @ 1.5	78	87
880-18370-3	AH-2a @ 1.5	75	83
880-18370-4	AH-2b @ 1.5	69 S1-	74
880-18370-5	AH-3a @ 1.5	70	76
880-18370-6	AH-3b @ 1.5	65 S1-	71
880-18370-7	AH-4a @ 1.5	68 S1-	75
880-18370-8	AH-4b @ 1.5	67 S1-	73
880-18370-9	AH-5a @ 3	75	81
880-18370-10	AH-5b @ 3	80	90
880-18370-11	AH-6a @ 3	69 S1-	75
880-18370-12	AH-6b @ 3	72	77
880-18370-13	AH-7a @ 4	67 S1-	71
890-2767-A-1-C MS	Matrix Spike	1 S1-	2 S1-
890-2767-A-1-D MSD	Matrix Spike Duplicate	1 S1-	2 S1-
LCS 880-32542/2-A	Lab Control Sample	84	84
LCSD 880-32542/3-A	Lab Control Sample Dup	97	99
MB 880-32542/1-A	Method Blank	72	74

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32563/5-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/20/22 11:38	08/21/22 15:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	08/20/22 11:38	08/21/22 15:32	1
1,4-Difluorobenzene (Surr)	116		70 - 130	08/20/22 11:38	08/21/22 15:32	1

Lab Sample ID: LCS 880-32563/1-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09971		mg/Kg		100	70 - 130
Toluene	0.100	0.1070		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2024		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1067		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-32563/2-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09285		mg/Kg		93	70 - 130	7	35
Toluene	0.100	0.1090		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2130		mg/Kg		107	70 - 130	5	35
o-Xylene	0.100	0.1138		mg/Kg		114	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-18370-1 MS

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: AH-1a @ 1.5

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1048		mg/Kg		105	70 - 130
Toluene	<0.00202	U	0.100	0.1118		mg/Kg		112	70 - 130

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

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

Lab Sample ID: 880-18370-1 MS

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: AH-1a @ 1.5

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.1133		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2117		mg/Kg		106	70 - 130
o-Xylene	<0.00202	U	0.100	0.1129		mg/Kg		113	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-18370-1 MSD

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: AH-1a @ 1.5

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0998	0.1101		mg/Kg		110	70 - 130	5	35
Toluene	<0.00202	U	0.0998	0.09787		mg/Kg		98	70 - 130	13	35
Ethylbenzene	<0.00202	U	0.0998	0.09376		mg/Kg		94	70 - 130	19	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1707		mg/Kg		86	70 - 130	21	35
o-Xylene	<0.00202	U	0.0998	0.09050		mg/Kg		91	70 - 130	22	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

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

Lab Sample ID: MB 880-32542/1-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32542

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		08/19/22 17:44	08/20/22 20:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/20/22 20:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/20/22 20:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	08/19/22 17:44	08/20/22 20:12	1
o-Terphenyl	74		70 - 130	08/19/22 17:44	08/20/22 20:12	1

Lab Sample ID: LCS 880-32542/2-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	721.7		mg/Kg		72	70 - 130
Diesel Range Organics (Over C10-C28)	1000	785.3		mg/Kg		79	70 - 130

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

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

Lab Sample ID: LCS 880-32542/2-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32542

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: LCSD 880-32542/3-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32542

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	812.5		mg/Kg		81	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	905.4		mg/Kg		91	70 - 130	14	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 890-2767-A-1-C MS

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32542

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 F1	997	<49.9	U F1	mg/Kg		1	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	<49.9	U F1	mg/Kg		-0.3	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	1	S1-	70 - 130
o-Terphenyl	2	S1-	70 - 130

Lab Sample ID: 890-2767-A-1-D MSD

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32542

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 F1	995	<49.8	U F1	mg/Kg		1	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	<49.8	U F1	mg/Kg		-0.2	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	1	S1-	70 - 130
o-Terphenyl	2	S1-	70 - 130

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32541/1-A

Matrix: Solid

Analysis Batch: 32674

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			08/22/22 21:22	1

Lab Sample ID: LCS 880-32541/2-A

Matrix: Solid

Analysis Batch: 32674

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.7		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-32541/3-A

Matrix: Solid

Analysis Batch: 32674

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	233.8		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-18370-1 MS

Matrix: Solid

Analysis Batch: 32674

Client Sample ID: AH-1a @ 1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.13		253	246.4		mg/Kg		94	90 - 110

Lab Sample ID: 880-18370-1 MSD

Matrix: Solid

Analysis Batch: 32674

Client Sample ID: AH-1a @ 1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.13		253	265.1		mg/Kg		101	90 - 110	7	20

Lab Sample ID: 880-18370-11 MS

Matrix: Solid

Analysis Batch: 32674

Client Sample ID: AH-6a @ 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.40		251	254.1		mg/Kg		98	90 - 110

Lab Sample ID: 880-18370-11 MSD

Matrix: Solid

Analysis Batch: 32674

Client Sample ID: AH-6a @ 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.40		251	247.2		mg/Kg		95	90 - 110	3	20

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

GC VOA

Prep Batch: 32563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-1	AH-1a @ 1.5	Total/NA	Solid	5035	
880-18370-2	AH-1b @ 1.5	Total/NA	Solid	5035	
880-18370-3	AH-2a @ 1.5	Total/NA	Solid	5035	
880-18370-4	AH-2b @ 1.5	Total/NA	Solid	5035	
880-18370-5	AH-3a @ 1.5	Total/NA	Solid	5035	
880-18370-6	AH-3b @ 1.5	Total/NA	Solid	5035	
880-18370-7	AH-4a @ 1.5	Total/NA	Solid	5035	
880-18370-8	AH-4b @ 1.5	Total/NA	Solid	5035	
880-18370-9	AH-5a @ 3	Total/NA	Solid	5035	
880-18370-10	AH-5b @ 3	Total/NA	Solid	5035	
880-18370-11	AH-6a @ 3	Total/NA	Solid	5035	
880-18370-12	AH-6b @ 3	Total/NA	Solid	5035	
880-18370-13	AH-7a @ 4	Total/NA	Solid	5035	
MB 880-32563/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32563/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32563/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18370-1 MS	AH-1a @ 1.5	Total/NA	Solid	5035	
880-18370-1 MSD	AH-1a @ 1.5	Total/NA	Solid	5035	

Analysis Batch: 32572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-1	AH-1a @ 1.5	Total/NA	Solid	8021B	32563
880-18370-2	AH-1b @ 1.5	Total/NA	Solid	8021B	32563
880-18370-3	AH-2a @ 1.5	Total/NA	Solid	8021B	32563
880-18370-4	AH-2b @ 1.5	Total/NA	Solid	8021B	32563
880-18370-5	AH-3a @ 1.5	Total/NA	Solid	8021B	32563
880-18370-6	AH-3b @ 1.5	Total/NA	Solid	8021B	32563
880-18370-7	AH-4a @ 1.5	Total/NA	Solid	8021B	32563
880-18370-8	AH-4b @ 1.5	Total/NA	Solid	8021B	32563
880-18370-9	AH-5a @ 3	Total/NA	Solid	8021B	32563
880-18370-10	AH-5b @ 3	Total/NA	Solid	8021B	32563
880-18370-11	AH-6a @ 3	Total/NA	Solid	8021B	32563
880-18370-12	AH-6b @ 3	Total/NA	Solid	8021B	32563
880-18370-13	AH-7a @ 4	Total/NA	Solid	8021B	32563
MB 880-32563/5-A	Method Blank	Total/NA	Solid	8021B	32563
LCS 880-32563/1-A	Lab Control Sample	Total/NA	Solid	8021B	32563
LCSD 880-32563/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32563
880-18370-1 MS	AH-1a @ 1.5	Total/NA	Solid	8021B	32563
880-18370-1 MSD	AH-1a @ 1.5	Total/NA	Solid	8021B	32563

Analysis Batch: 32595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-1	AH-1a @ 1.5	Total/NA	Solid	Total BTEX	
880-18370-2	AH-1b @ 1.5	Total/NA	Solid	Total BTEX	
880-18370-3	AH-2a @ 1.5	Total/NA	Solid	Total BTEX	
880-18370-4	AH-2b @ 1.5	Total/NA	Solid	Total BTEX	
880-18370-5	AH-3a @ 1.5	Total/NA	Solid	Total BTEX	
880-18370-6	AH-3b @ 1.5	Total/NA	Solid	Total BTEX	
880-18370-7	AH-4a @ 1.5	Total/NA	Solid	Total BTEX	
880-18370-8	AH-4b @ 1.5	Total/NA	Solid	Total BTEX	
880-18370-9	AH-5a @ 3	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

GC VOA (Continued)

Analysis Batch: 32595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-10	AH-5b @ 3	Total/NA	Solid	Total BTEX	
880-18370-11	AH-6a @ 3	Total/NA	Solid	Total BTEX	
880-18370-12	AH-6b @ 3	Total/NA	Solid	Total BTEX	
880-18370-13	AH-7a @ 4	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 32542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-1	AH-1a @ 1.5	Total/NA	Solid	8015NM Prep	
880-18370-2	AH-1b @ 1.5	Total/NA	Solid	8015NM Prep	
880-18370-3	AH-2a @ 1.5	Total/NA	Solid	8015NM Prep	
880-18370-4	AH-2b @ 1.5	Total/NA	Solid	8015NM Prep	
880-18370-5	AH-3a @ 1.5	Total/NA	Solid	8015NM Prep	
880-18370-6	AH-3b @ 1.5	Total/NA	Solid	8015NM Prep	
880-18370-7	AH-4a @ 1.5	Total/NA	Solid	8015NM Prep	
880-18370-8	AH-4b @ 1.5	Total/NA	Solid	8015NM Prep	
880-18370-9	AH-5a @ 3	Total/NA	Solid	8015NM Prep	
880-18370-10	AH-5b @ 3	Total/NA	Solid	8015NM Prep	
880-18370-11	AH-6a @ 3	Total/NA	Solid	8015NM Prep	
880-18370-12	AH-6b @ 3	Total/NA	Solid	8015NM Prep	
880-18370-13	AH-7a @ 4	Total/NA	Solid	8015NM Prep	
MB 880-32542/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32542/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2767-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2767-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-1	AH-1a @ 1.5	Total/NA	Solid	8015B NM	32542
880-18370-2	AH-1b @ 1.5	Total/NA	Solid	8015B NM	32542
880-18370-3	AH-2a @ 1.5	Total/NA	Solid	8015B NM	32542
880-18370-4	AH-2b @ 1.5	Total/NA	Solid	8015B NM	32542
880-18370-5	AH-3a @ 1.5	Total/NA	Solid	8015B NM	32542
880-18370-6	AH-3b @ 1.5	Total/NA	Solid	8015B NM	32542
880-18370-7	AH-4a @ 1.5	Total/NA	Solid	8015B NM	32542
880-18370-8	AH-4b @ 1.5	Total/NA	Solid	8015B NM	32542
880-18370-9	AH-5a @ 3	Total/NA	Solid	8015B NM	32542
880-18370-10	AH-5b @ 3	Total/NA	Solid	8015B NM	32542
880-18370-11	AH-6a @ 3	Total/NA	Solid	8015B NM	32542
880-18370-12	AH-6b @ 3	Total/NA	Solid	8015B NM	32542
880-18370-13	AH-7a @ 4	Total/NA	Solid	8015B NM	32542
MB 880-32542/1-A	Method Blank	Total/NA	Solid	8015B NM	32542
LCS 880-32542/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32542
LCSD 880-32542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32542
890-2767-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	32542
890-2767-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32542

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

GC Semi VOA

Analysis Batch: 32667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-1	AH-1a @ 1.5	Total/NA	Solid	8015 NM	
880-18370-2	AH-1b @ 1.5	Total/NA	Solid	8015 NM	
880-18370-3	AH-2a @ 1.5	Total/NA	Solid	8015 NM	
880-18370-4	AH-2b @ 1.5	Total/NA	Solid	8015 NM	
880-18370-5	AH-3a @ 1.5	Total/NA	Solid	8015 NM	
880-18370-6	AH-3b @ 1.5	Total/NA	Solid	8015 NM	
880-18370-7	AH-4a @ 1.5	Total/NA	Solid	8015 NM	
880-18370-8	AH-4b @ 1.5	Total/NA	Solid	8015 NM	
880-18370-9	AH-5a @ 3	Total/NA	Solid	8015 NM	
880-18370-10	AH-5b @ 3	Total/NA	Solid	8015 NM	
880-18370-11	AH-6a @ 3	Total/NA	Solid	8015 NM	
880-18370-12	AH-6b @ 3	Total/NA	Solid	8015 NM	
880-18370-13	AH-7a @ 4	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-1	AH-1a @ 1.5	Soluble	Solid	DI Leach	
880-18370-2	AH-1b @ 1.5	Soluble	Solid	DI Leach	
880-18370-3	AH-2a @ 1.5	Soluble	Solid	DI Leach	
880-18370-4	AH-2b @ 1.5	Soluble	Solid	DI Leach	
880-18370-5	AH-3a @ 1.5	Soluble	Solid	DI Leach	
880-18370-6	AH-3b @ 1.5	Soluble	Solid	DI Leach	
880-18370-7	AH-4a @ 1.5	Soluble	Solid	DI Leach	
880-18370-8	AH-4b @ 1.5	Soluble	Solid	DI Leach	
880-18370-9	AH-5a @ 3	Soluble	Solid	DI Leach	
880-18370-10	AH-5b @ 3	Soluble	Solid	DI Leach	
880-18370-11	AH-6a @ 3	Soluble	Solid	DI Leach	
880-18370-12	AH-6b @ 3	Soluble	Solid	DI Leach	
880-18370-13	AH-7a @ 4	Soluble	Solid	DI Leach	
MB 880-32541/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32541/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32541/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18370-1 MS	AH-1a @ 1.5	Soluble	Solid	DI Leach	
880-18370-1 MSD	AH-1a @ 1.5	Soluble	Solid	DI Leach	
880-18370-11 MS	AH-6a @ 3	Soluble	Solid	DI Leach	
880-18370-11 MSD	AH-6a @ 3	Soluble	Solid	DI Leach	

Analysis Batch: 32674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-1	AH-1a @ 1.5	Soluble	Solid	300.0	32541
880-18370-2	AH-1b @ 1.5	Soluble	Solid	300.0	32541
880-18370-3	AH-2a @ 1.5	Soluble	Solid	300.0	32541
880-18370-4	AH-2b @ 1.5	Soluble	Solid	300.0	32541
880-18370-5	AH-3a @ 1.5	Soluble	Solid	300.0	32541
880-18370-6	AH-3b @ 1.5	Soluble	Solid	300.0	32541
880-18370-7	AH-4a @ 1.5	Soluble	Solid	300.0	32541
880-18370-8	AH-4b @ 1.5	Soluble	Solid	300.0	32541
880-18370-9	AH-5a @ 3	Soluble	Solid	300.0	32541
880-18370-10	AH-5b @ 3	Soluble	Solid	300.0	32541

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

HPLC/IC (Continued)

Analysis Batch: 32674 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-11	AH-6a @ 3	Soluble	Solid	300.0	32541
880-18370-12	AH-6b @ 3	Soluble	Solid	300.0	32541
880-18370-13	AH-7a @ 4	Soluble	Solid	300.0	32541
MB 880-32541/1-A	Method Blank	Soluble	Solid	300.0	32541
LCS 880-32541/2-A	Lab Control Sample	Soluble	Solid	300.0	32541
LCSD 880-32541/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32541
880-18370-1 MS	AH-1a @ 1.5	Soluble	Solid	300.0	32541
880-18370-1 MSD	AH-1a @ 1.5	Soluble	Solid	300.0	32541
880-18370-11 MS	AH-6a @ 3	Soluble	Solid	300.0	32541
880-18370-11 MSD	AH-6a @ 3	Soluble	Solid	300.0	32541

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-1a @ 1.5

Lab Sample ID: 880-18370-1

Date Collected: 08/19/22 10:35

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 16:01	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 00:31	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 21:50	CH	EET MID

Client Sample ID: AH-1b @ 1.5

Lab Sample ID: 880-18370-2

Date Collected: 08/19/22 10:40

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 16:21	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 00:52	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 22:18	CH	EET MID

Client Sample ID: AH-2a @ 1.5

Lab Sample ID: 880-18370-3

Date Collected: 08/19/22 10:55

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 16:42	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 01:13	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 22:27	CH	EET MID

Client Sample ID: AH-2b @ 1.5

Lab Sample ID: 880-18370-4

Date Collected: 08/19/22 11:03

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 17:02	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-2b @ 1.5

Lab Sample ID: 880-18370-4

Date Collected: 08/19/22 11:03

Matrix: Solid

Date Received: 08/19/22 16:43

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			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 01:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 22:36	CH	EET MID

Client Sample ID: AH-3a @ 1.5

Lab Sample ID: 880-18370-5

Date Collected: 08/19/22 11:10

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 17:23	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 02:16	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 22:45	CH	EET MID

Client Sample ID: AH-3b @ 1.5

Lab Sample ID: 880-18370-6

Date Collected: 08/19/22 11:16

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 17:43	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 02:37	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 23:13	CH	EET MID

Client Sample ID: AH-4a @ 1.5

Lab Sample ID: 880-18370-7

Date Collected: 08/19/22 11:25

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 18:04	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 02:59	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-4a @ 1.5

Lab Sample ID: 880-18370-7

Date Collected: 08/19/22 11:25

Matrix: Solid

Date Received: 08/19/22 16:43

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	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 23:22	CH	EET MID

Client Sample ID: AH-4b @ 1.5

Lab Sample ID: 880-18370-8

Date Collected: 08/19/22 11:33

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 18:24	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 03:20	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 23:31	CH	EET MID

Client Sample ID: AH-5a @ 3

Lab Sample ID: 880-18370-9

Date Collected: 08/19/22 11:42

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 18:45	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 03:41	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 23:40	CH	EET MID

Client Sample ID: AH-5b @ 3

Lab Sample ID: 880-18370-10

Date Collected: 08/19/22 11:50

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 19:05	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 04:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 23:50	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Client Sample ID: AH-6a @ 3

Lab Sample ID: 880-18370-11

Date Collected: 08/19/22 11:57

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 20:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 04:23	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/22/22 23:59	CH	EET MID

Client Sample ID: AH-6b @ 3

Lab Sample ID: 880-18370-12

Date Collected: 08/19/22 12:02

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 21:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 04:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/23/22 00:27	CH	EET MID

Client Sample ID: AH-7a @ 4

Lab Sample ID: 880-18370-13

Date Collected: 08/19/22 12:13

Matrix: Solid

Date Received: 08/19/22 16:43

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 21:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32595	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32667	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 05:06	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32541	08/19/22 17:43	SMC	EET MID
Soluble	Analysis	300.0		1			32674	08/23/22 00:36	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

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

Method Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

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

Eurofins Midland

Sample Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18370-1
SDG: Lovington New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-18370-1	AH-1a @ 1.5	Solid	08/19/22 10:35	08/19/22 16:43	1.5
880-18370-2	AH-1b @ 1.5	Solid	08/19/22 10:40	08/19/22 16:43	1.5
880-18370-3	AH-2a @ 1.5	Solid	08/19/22 10:55	08/19/22 16:43	1.5
880-18370-4	AH-2b @ 1.5	Solid	08/19/22 11:03	08/19/22 16:43	1.5
880-18370-5	AH-3a @ 1.5	Solid	08/19/22 11:10	08/19/22 16:43	1.5
880-18370-6	AH-3b @ 1.5	Solid	08/19/22 11:16	08/19/22 16:43	1.5
880-18370-7	AH-4a @ 1.5	Solid	08/19/22 11:25	08/19/22 16:43	1.5
880-18370-8	AH-4b @ 1.5	Solid	08/19/22 11:33	08/19/22 16:43	1.5
880-18370-9	AH-5a @ 3	Solid	08/19/22 11:42	08/19/22 16:43	3
880-18370-10	AH-5b @ 3	Solid	08/19/22 11:50	08/19/22 16:43	3
880-18370-11	AH-6a @ 3	Solid	08/19/22 11:57	08/19/22 16:43	3
880-18370-12	AH-6b @ 3	Solid	08/19/22 12:02	08/19/22 16:43	3
880-18370-13	AH-7a @ 4	Solid	08/19/22 12:13	08/19/22 16:43	4



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: 18370

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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

Project Manager: James Fowler

Company Name: Arcelapex

Address: 2950 N Loop W

City, State Zip: Houston, TX 77062

Phone: 713-263-0900 Email: JFowler@arcelapex.com

Bill to: (if different)

Company Name:

Address:

City, State Zip:

ANALYSIS REQUEST									
Project Name	Project Number	Project Location	Sampler's Name	PO #	Turn Around		Pres. Code	Parameters	# of Cont
					☐ Routine	☐ Rush			
Denton Hard-off	22-2-0174	Lawington New Mexico	Jesse Belke			Due Date: 24 hour			
SAMPLE RECEIPT					Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	
Samples Received Intact:					Yes ☒ No ☐	Thermometer ID:	TPH - GROT DRO		
Cooler Custody Seals:					Yes ☒ No ☐	Correction Factor:	BTEX EPH SW-846		
Sample Custody Seals:					Yes ☒ No ☐	Temperature Reading:	Chlorides SM-4500		
Total Containers:					Yes ☒ No ☐	Corrected Temperature:			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp				
AH-1a @ 1.5	Soil	8-19-22	10:35	1.5	G				
AH-1b @ 1.5	Soil	8-19-22	10:40	1.5	G				
AH-2a @ 1.5	Soil	8-19-22	10:55	1.5	G				
AH-2b @ 1.5	Soil	8-19-22	11:03	1.5	G				
AH-3a @ 1.5	Soil	8-19-22	11:10	1.5	G				
AH-3b @ 1.5	Soil	8-19-22	11:16	1.5	G				
AH-4a @ 1.5	Soil	8-19-22	11:25	1.5	G				
AH-4b @ 1.5	Soil	8-19-22	11:33	1.5	G				
AH-5a @ 3ft	Soil	8-19-22	11:42	3ft	G				
AH-5b @ 3ft	Soil	8-19-22	11:50	3ft	G				

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 SiO₂ 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
Jesse Belke	Jesse Belke	8/19/22			
		6:43			

Revised Date: 08/25/2020 Rev 2020.2



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:

18370

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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

Project Manager: Jamery Fowler

Company Name: Amerapey

Address: 2950 N 100th W

City, State ZIP: Houston TX 77019

Phone: 713-263 0400

Email: Jfowler@amerapey.com

Bill to: (if different) ☐

Company Name: Amerapey

Address: 2950 N 100th W

City, State ZIP: Houston TX 77019

Phone: 713-263 0400

Email: Jfowler@amerapey.com

Project Name		Turn Around		Parameters		Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number	Project Location	Due Date	TAT starts the day received by the lab, if received by 4:30pm	Temp Blank:	Yes	No	Wet Ice:	Yes	No	None	NO
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	DI Water H ₂ O	
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	Cool Cool	
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	HCL HC	
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	H ₂ SO ₄ H ₂	
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	H ₃ PO ₄ HP	
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	NaHSO ₄ NABIS	
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	Na ₂ S ₂ O ₃ NaSO ₃	
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	Zn Acetate+NaOH Zn	
22-2-0174	Livingston New Mexico	24 hours		Yes	No	No	Yes	No	No	NaOH+Ascorbic Acid: SAPC	

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 SiO₂ 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 1/7471

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
<u>Jamery Fowler</u>	<u>Jamery Fowler</u>	8/19/22			
		11:04:13			

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: AMERAPEX

Job Number: 880-18370-1
SDG Number: Lovington New Mexico

Login Number: 18370

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-18626-1

Laboratory Sample Delivery Group: Lovington NM
Client Project/Site: Denton-Haul-Off

For:

AMERAPEX
2950 North Loop West
Suite 1100
Houston, Texas 77092

Attn: Jamey Fowler

Authorized for release by:

9/12/2022 8:07:46 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Laboratory Job ID: 880-18626-1
SDG: Lovington NM

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Definitions/Glossary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
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.

GC Semi 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.

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 Midland

Case Narrative

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Job ID: 880-18626-1

Laboratory: Eurofins Midland

Narrative**Job Narrative
880-18626-1****Receipt**

The samples were received on 8/29/2022 4:18 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 1.5°C

GC/MS VOA

Method 8260C: Surrogate, Toluene-d8 (Surrogate) recovery for the following sample was outside control limits: (860-32675-A-5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8260C: The matrix spike / matrix spike duplicate (MS) recoveries for preparation batch 860-68099 and analytical batch 860-68273 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS/LCSD) recovery was within acceptance limits.

Method 8260C: Surrogate 4-Bromofluorobenzene (Surrogate) recovery for the following samples were outside control limits: (860-32675-A-5-A) and (860-32675-A-5-A MS). This surrogate does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260C: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples in analytical batch 860-68210 was outside acceptance criteria: NW-4 @ 1.5 (880-18626-51) and NW-2 @ 8" (880-18626-52). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260C: The matrix spike(MS) recoveries for preparation batch 860-68311 and analytical batch 860-68350 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS/LCSD) recovery was within acceptance limits.

Method 8260C: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following sample in analytical batch 860-68265 was outside acceptance criteria: WW-1 @ 8" (880-18626-53). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260C: The following sample was diluted due to the nature of the sample matrix: (860-32675-A-13-C MS). Elevated reporting limits (RLs) are provided. Sample prepped with methanol from a bulk jar.

Method 8260C: Surrogate Toluene-d8 recovery for the following samples were outside control limits: (860-32675-A-13-C) and (860-32675-A-13-C MS). 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: Surrogate recovery for the following samples were outside control limits: (LCS 880-33380/2-A) and (LCSD 880-33380/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33381/2-A) and (LCSD 880-33381/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: BH-6 @ 1.5 (880-18626-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: BH-13 @ 1.5 (880-18626-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Job ID: 880-18626-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33381 and analytical batch 880-33405 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33419/2-A) and (LCSD 880-33419/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: BH-30 @ 3 ft (880-18626-30). 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: BH-31 @ 3 ft (880-18626-31) and BH-32 @ 4.5 (880-18626-32). 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: BH-34 @ 3 ft (880-18626-34) and BH-35 @ 3 ft (880-18626-35). 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: EW-2 @ 1.5 (880-18626-38), NW-5 @ 1.5 (880-18626-39) and EW-3 @ 8 in (880-18626-40). 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: (LCS 880-33421/2-A) and (LCSD 880-33421/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33421 and analytical batch 880-33499 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was 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 880-33460, 880-33460 and 880-33460 and analytical batch 880-33555 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The associated samples are: BH-1 @ 1.5 (880-18626-1), BH-2 @ 1.5 (880-18626-2), BH-3 @ 1.5 (880-18626-3), BH-4 @ 1.5 (880-18626-4), BH-5 @ 1.5 (880-18626-5), BH-6 @ 1.5 (880-18626-6), BH-7 @ 1.5 (880-18626-7), BH-8 @ 1.5 (880-18626-8), BH-9 @ 1.5 (880-18626-9), BH-10 @ 1.5 (880-18626-10), BH-11 @ 1.5 (880-18626-11), BH-12 @ 1.5 (880-18626-12), BH-13 @ 1.5 (880-18626-13), BH-14 @ 1.5 (880-18626-14), BH-15 @ 1.5 (880-18626-15), BH-16 @ 3 ft (880-18626-16), BH-17 @ 3 ft (880-18626-17), BH-18 @ 3 ft (880-18626-18), BH-19 @ 3 ft (880-18626-19) and BH-20 @ 3 ft (880-18626-20).

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

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-1 @ 1.5

Lab Sample ID: 880-18626-1

Date Collected: 08/29/22 08:12

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 15:56	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/08/22 14:07	09/08/22 15:56	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 15:56	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 15:56	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 15:56	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		56 - 150	09/08/22 14:07	09/08/22 15:56	1
4-Bromofluorobenzene (Surr)	111		68 - 152	09/08/22 14:07	09/08/22 15:56	1
Dibromofluoromethane (Surr)	85		53 - 142	09/08/22 14:07	09/08/22 15:56	1
Toluene-d8 (Surr)	105		70 - 130	09/08/22 14:07	09/08/22 15:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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 F1	49.9		mg/Kg		08/30/22 15:00	08/31/22 20:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	08/31/22 20:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	08/31/22 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/30/22 15:00	08/31/22 20:54	1
o-Terphenyl	95		70 - 130				08/30/22 15:00	08/31/22 20:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9	F1	4.98		mg/Kg			09/06/22 00:55	1

Client Sample ID: BH-2 @ 1.5

Lab Sample ID: 880-18626-2

Date Collected: 08/29/22 08:15

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 16:19	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 14:07	09/08/22 16:19	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 16:19	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 16:19	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 16:19	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 16:19	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-2 @ 1.5

Lab Sample ID: 880-18626-2

Date Collected: 08/29/22 08:15

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		56 - 150	09/08/22 14:07	09/08/22 16:19	1
4-Bromofluorobenzene (Surr)	117		68 - 152	09/08/22 14:07	09/08/22 16:19	1
Dibromofluoromethane (Surr)	87		53 - 142	09/08/22 14:07	09/08/22 16:19	1
Toluene-d8 (Surr)	106		70 - 130	09/08/22 14:07	09/08/22 16:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	08/31/22 21:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	08/31/22 21:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	08/31/22 21:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	08/30/22 15:00	08/31/22 21:59	1
o-Terphenyl	91		70 - 130	08/30/22 15:00	08/31/22 21:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		4.96		mg/Kg			09/06/22 01:17	1

Client Sample ID: BH-3 @ 1.5

Lab Sample ID: 880-18626-3

Date Collected: 08/29/22 08:18

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 16:42	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/08/22 14:07	09/08/22 16:42	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 16:42	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 16:42	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 16:42	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		56 - 150	09/08/22 14:07	09/08/22 16:42	1
4-Bromofluorobenzene (Surr)	112		68 - 152	09/08/22 14:07	09/08/22 16:42	1
Dibromofluoromethane (Surr)	89		53 - 142	09/08/22 14:07	09/08/22 16:42	1
Toluene-d8 (Surr)	104		70 - 130	09/08/22 14:07	09/08/22 16:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-3 @ 1.5

Lab Sample ID: 880-18626-3

Date Collected: 08/29/22 08:18

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	08/31/22 22:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	08/31/22 22:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	08/31/22 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/30/22 15:00	08/31/22 22:20	1
o-Terphenyl	107		70 - 130				08/30/22 15:00	08/31/22 22:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		5.04		mg/Kg			09/06/22 01:24	1

Client Sample ID: BH-4 @ 1.5

Lab Sample ID: 880-18626-4

Date Collected: 08/29/22 08:20

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 17:06	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/08/22 14:07	09/08/22 17:06	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 17:06	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 17:06	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 17:06	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/08/22 14:07	09/08/22 17:06	1
4-Bromofluorobenzene (Surr)	120		68 - 152				09/08/22 14:07	09/08/22 17:06	1
Dibromofluoromethane (Surr)	87		53 - 142				09/08/22 14:07	09/08/22 17:06	1
Toluene-d8 (Surr)	101		70 - 130				09/08/22 14:07	09/08/22 17:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	08/31/22 22:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	08/31/22 22:42	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-4 @ 1.5

Lab Sample ID: 880-18626-4

Date Collected: 08/29/22 08:20

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 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		08/30/22 15:00	08/31/22 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/30/22 15:00	08/31/22 22:42	1
o-Terphenyl	103		70 - 130				08/30/22 15:00	08/31/22 22:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.79		5.02		mg/Kg			09/06/22 01:31	1

Client Sample ID: BH-5 @ 1.5

Lab Sample ID: 880-18626-5

Date Collected: 08/29/22 08:27

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 17:29	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/08/22 14:07	09/08/22 17:29	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 17:29	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 17:29	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 17:29	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150				09/08/22 14:07	09/08/22 17:29	1
4-Bromofluorobenzene (Surr)	107		68 - 152				09/08/22 14:07	09/08/22 17:29	1
Dibromofluoromethane (Surr)	90		53 - 142				09/08/22 14:07	09/08/22 17:29	1
Toluene-d8 (Surr)	105		70 - 130				09/08/22 14:07	09/08/22 17:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	08/31/22 23:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	08/31/22 23:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	08/31/22 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				08/30/22 15:00	08/31/22 23:04	1
o-Terphenyl	90		70 - 130				08/30/22 15:00	08/31/22 23:04	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-5 @ 1.5

Lab Sample ID: 880-18626-5

Date Collected: 08/29/22 08:27

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.6		5.00		mg/Kg			09/06/22 01:38	1

Client Sample ID: BH-6 @ 1.5

Lab Sample ID: 880-18626-6

Date Collected: 08/29/22 08:31

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/09/22 03:04	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/08/22 14:07	09/09/22 03:04	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/09/22 03:04	1
m,p-Xylenes	<0.00202	U F1	0.00202		mg/Kg		09/08/22 14:07	09/09/22 03:04	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/09/22 03:04	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/09/22 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150				09/08/22 14:07	09/09/22 03:04	1
4-Bromofluorobenzene (Surr)	100		68 - 152				09/08/22 14:07	09/09/22 03:04	1
Dibromofluoromethane (Surr)	101		53 - 142				09/08/22 14:07	09/09/22 03:04	1
Toluene-d8 (Surr)	97		70 - 130				09/08/22 14:07	09/09/22 03:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	08/31/22 23:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	08/31/22 23:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	08/31/22 23:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				08/30/22 15:00	08/31/22 23:26	1
o-Terphenyl	62	S1-	70 - 130				08/30/22 15:00	08/31/22 23:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		5.00		mg/Kg			09/06/22 01:59	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-7 @ 1.5

Lab Sample ID: 880-18626-7

Date Collected: 08/29/22 08:33

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 17:53	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/08/22 14:07	09/08/22 17:53	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 17:53	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 17:53	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 17:53	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/08/22 14:07	09/08/22 17:53	1
4-Bromofluorobenzene (Surr)	115		68 - 152	09/08/22 14:07	09/08/22 17:53	1
Dibromofluoromethane (Surr)	96		53 - 142	09/08/22 14:07	09/08/22 17:53	1
Toluene-d8 (Surr)	102		70 - 130	09/08/22 14:07	09/08/22 17:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	08/31/22 23:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	08/31/22 23:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	08/31/22 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/30/22 15:00	08/31/22 23:47	1
o-Terphenyl	107		70 - 130				08/30/22 15:00	08/31/22 23:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			09/06/22 02:07	1

Client Sample ID: BH-8 @ 1.5

Lab Sample ID: 880-18626-8

Date Collected: 08/29/22 08:38

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/08/22 18:16	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/08/22 14:07	09/08/22 18:16	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/08/22 18:16	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 18:16	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/08/22 18:16	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 18:16	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-8 @ 1.5

Lab Sample ID: 880-18626-8

Date Collected: 08/29/22 08:38

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/08/22 14:07	09/08/22 18:16	1
4-Bromofluorobenzene (Surr)	107		68 - 152	09/08/22 14:07	09/08/22 18:16	1
Dibromofluoromethane (Surr)	82		53 - 142	09/08/22 14:07	09/08/22 18:16	1
Toluene-d8 (Surr)	103		70 - 130	09/08/22 14:07	09/08/22 18:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 00:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/22 15:00	09/01/22 00:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/22 15:00	09/01/22 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	08/30/22 15:00	09/01/22 00:09	1
o-Terphenyl	101		70 - 130	08/30/22 15:00	09/01/22 00:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		4.97		mg/Kg			09/06/22 02:14	1

Client Sample ID: BH-9 @ 1.5

Lab Sample ID: 880-18626-9

Date Collected: 08/29/22 08:42

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 18:40	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/08/22 14:07	09/08/22 18:40	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 18:40	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 18:40	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 18:40	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		56 - 150	09/08/22 14:07	09/08/22 18:40	1
4-Bromofluorobenzene (Surr)	106		68 - 152	09/08/22 14:07	09/08/22 18:40	1
Dibromofluoromethane (Surr)	87		53 - 142	09/08/22 14:07	09/08/22 18:40	1
Toluene-d8 (Surr)	104		70 - 130	09/08/22 14:07	09/08/22 18:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-9 @ 1.5

Lab Sample ID: 880-18626-9

Date Collected: 08/29/22 08:42

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 00:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 00:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/30/22 15:00	09/01/22 00:30	1
o-Terphenyl	105		70 - 130				08/30/22 15:00	09/01/22 00:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		4.95		mg/Kg			09/06/22 02:21	1

Client Sample ID: BH-10 @ 1.5

Lab Sample ID: 880-18626-10

Date Collected: 08/29/22 08:50

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 19:03	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/08/22 14:07	09/08/22 19:03	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 19:03	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/08/22 19:03	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 19:03	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/08/22 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/08/22 14:07	09/08/22 19:03	1
4-Bromofluorobenzene (Surr)	104		68 - 152				09/08/22 14:07	09/08/22 19:03	1
Dibromofluoromethane (Surr)	90		53 - 142				09/08/22 14:07	09/08/22 19:03	1
Toluene-d8 (Surr)	103		70 - 130				09/08/22 14:07	09/08/22 19:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 00:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 00:51	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-10 @ 1.5

Lab Sample ID: 880-18626-10

Date Collected: 08/29/22 08:50

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 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		08/30/22 15:00	09/01/22 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/30/22 15:00	09/01/22 00:51	1
o-Terphenyl	108		70 - 130				08/30/22 15:00	09/01/22 00:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		4.96		mg/Kg			09/06/22 02:28	1

Client Sample ID: BH-11 @ 1.5

Lab Sample ID: 880-18626-11

Date Collected: 08/29/22 08:55

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 19:26	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 14:07	09/08/22 19:26	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 19:26	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 19:26	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 19:26	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150				09/08/22 14:07	09/08/22 19:26	1
4-Bromofluorobenzene (Surr)	104		68 - 152				09/08/22 14:07	09/08/22 19:26	1
Dibromofluoromethane (Surr)	81		53 - 142				09/08/22 14:07	09/08/22 19:26	1
Toluene-d8 (Surr)	104		70 - 130				09/08/22 14:07	09/08/22 19:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 01:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/22 15:00	09/01/22 01:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/22 15:00	09/01/22 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/30/22 15:00	09/01/22 01:33	1
o-Terphenyl	109		70 - 130				08/30/22 15:00	09/01/22 01:33	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-11 @ 1.5

Lab Sample ID: 880-18626-11

Date Collected: 08/29/22 08:55

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5	F1	5.01		mg/Kg			09/06/22 02:35	1

Client Sample ID: BH-12 @ 1.5

Lab Sample ID: 880-18626-12

Date Collected: 08/29/22 09:02

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 03:24	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/08/22 14:07	09/09/22 03:24	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 03:24	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/09/22 03:24	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 03:24	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/09/22 03:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150				09/08/22 14:07	09/09/22 03:24	1
4-Bromofluorobenzene (Surr)	98		68 - 152				09/08/22 14:07	09/09/22 03:24	1
Dibromofluoromethane (Surr)	101		53 - 142				09/08/22 14:07	09/09/22 03:24	1
Toluene-d8 (Surr)	96		70 - 130				09/08/22 14:07	09/09/22 03:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 01:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	09/01/22 01:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	09/01/22 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/30/22 15:00	09/01/22 01:54	1
o-Terphenyl	108		70 - 130				08/30/22 15:00	09/01/22 01:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		4.97		mg/Kg			09/06/22 02:57	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-13 @ 1.5

Lab Sample ID: 880-18626-13

Date Collected: 08/29/22 09:08

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/09/22 03:45	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 14:07	09/09/22 03:45	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/09/22 03:45	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/09/22 03:45	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/09/22 03:45	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/09/22 03:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/08/22 14:07	09/09/22 03:45	1
4-Bromofluorobenzene (Surr)	98		68 - 152	09/08/22 14:07	09/09/22 03:45	1
Dibromofluoromethane (Surr)	100		53 - 142	09/08/22 14:07	09/09/22 03:45	1
Toluene-d8 (Surr)	98		70 - 130	09/08/22 14:07	09/09/22 03:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.9		50.0		mg/Kg			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 02:16	1
Diesel Range Organics (Over C10-C28)	62.9		50.0		mg/Kg		08/30/22 15:00	09/01/22 02:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	09/01/22 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				08/30/22 15:00	09/01/22 02:16	1
o-Terphenyl	121		70 - 130				08/30/22 15:00	09/01/22 02:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		4.99		mg/Kg			09/06/22 03:04	1

Client Sample ID: BH-14 @ 1.5

Lab Sample ID: 880-18626-14

Date Collected: 08/29/22 09:11

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 04:05	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/08/22 14:07	09/09/22 04:05	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 04:05	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/09/22 04:05	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 04:05	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/09/22 04:05	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-14 @ 1.5

Lab Sample ID: 880-18626-14

Date Collected: 08/29/22 09:11

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/08/22 14:07	09/09/22 04:05	1
4-Bromofluorobenzene (Surr)	100		68 - 152	09/08/22 14:07	09/09/22 04:05	1
Dibromofluoromethane (Surr)	99		53 - 142	09/08/22 14:07	09/09/22 04:05	1
Toluene-d8 (Surr)	99		70 - 130	09/08/22 14:07	09/09/22 04:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 02:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 02:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/30/22 15:00	09/01/22 02:37	1
o-Terphenyl	104		70 - 130	08/30/22 15:00	09/01/22 02:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		4.99		mg/Kg			09/06/22 03:25	1

Client Sample ID: BH-15 @ 1.5

Lab Sample ID: 880-18626-15

Date Collected: 08/29/22 09:14

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 04:26	1
Toluene	<0.00498	U	0.00498		mg/Kg		09/08/22 14:07	09/09/22 04:26	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 04:26	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/08/22 14:07	09/09/22 04:26	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 04:26	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/08/22 14:07	09/09/22 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	09/08/22 14:07	09/09/22 04:26	1
4-Bromofluorobenzene (Surr)	98		68 - 152	09/08/22 14:07	09/09/22 04:26	1
Dibromofluoromethane (Surr)	99		53 - 142	09/08/22 14:07	09/09/22 04:26	1
Toluene-d8 (Surr)	98		70 - 130	09/08/22 14:07	09/09/22 04:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/09/22 17:41	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-15 @ 1.5

Lab Sample ID: 880-18626-15

Date Collected: 08/29/22 09:14

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 02:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	09/01/22 02:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	09/01/22 02:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/30/22 15:00	09/01/22 02:58	1
o-Terphenyl	109		70 - 130				08/30/22 15:00	09/01/22 02:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.8		5.00		mg/Kg			09/06/22 11:33	1

Client Sample ID: BH-16 @ 3 ft

Lab Sample ID: 880-18626-16

Date Collected: 08/29/22 09:16

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/09/22 04:46	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/08/22 14:07	09/09/22 04:46	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/09/22 04:46	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/09/22 04:46	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/09/22 04:46	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/09/22 04:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150				09/08/22 14:07	09/09/22 04:46	1
4-Bromofluorobenzene (Surr)	100		68 - 152				09/08/22 14:07	09/09/22 04:46	1
Dibromofluoromethane (Surr)	101		53 - 142				09/08/22 14:07	09/09/22 04:46	1
Toluene-d8 (Surr)	97		70 - 130				09/08/22 14:07	09/09/22 04:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 03:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 03:19	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-16 @ 3 ft

Lab Sample ID: 880-18626-16

Date Collected: 08/29/22 09:16

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 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		08/30/22 15:00	09/01/22 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/30/22 15:00	09/01/22 03:19	1
o-Terphenyl	106		70 - 130				08/30/22 15:00	09/01/22 03:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		4.97		mg/Kg			09/06/22 11:40	1

Client Sample ID: BH-17 @ 3 ft

Lab Sample ID: 880-18626-17

Date Collected: 08/29/22 09:19

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/09/22 05:07	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/08/22 14:07	09/09/22 05:07	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/09/22 05:07	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/09/22 05:07	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/09/22 05:07	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/09/22 05:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/08/22 14:07	09/09/22 05:07	1
4-Bromofluorobenzene (Surr)	98		68 - 152				09/08/22 14:07	09/09/22 05:07	1
Dibromofluoromethane (Surr)	100		53 - 142				09/08/22 14:07	09/09/22 05:07	1
Toluene-d8 (Surr)	99		70 - 130				09/08/22 14:07	09/09/22 05:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 03:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/22 15:00	09/01/22 03:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/22 15:00	09/01/22 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/30/22 15:00	09/01/22 03:41	1
o-Terphenyl	105		70 - 130				08/30/22 15:00	09/01/22 03:41	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-17 @ 3 ft

Lab Sample ID: 880-18626-17

Date Collected: 08/29/22 09:19

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		5.03		mg/Kg			09/06/22 11:47	1

Client Sample ID: BH-18 @ 3 ft

Lab Sample ID: 880-18626-18

Date Collected: 08/29/22 09:22

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 05:27	1
Toluene	<0.00498	U	0.00498		mg/Kg		09/08/22 14:07	09/09/22 05:27	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 05:27	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/08/22 14:07	09/09/22 05:27	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 05:27	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/08/22 14:07	09/09/22 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		56 - 150				09/08/22 14:07	09/09/22 05:27	1
4-Bromofluorobenzene (Surr)	98		68 - 152				09/08/22 14:07	09/09/22 05:27	1
Dibromofluoromethane (Surr)	100		53 - 142				09/08/22 14:07	09/09/22 05:27	1
Toluene-d8 (Surr)	97		70 - 130				09/08/22 14:07	09/09/22 05:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 04:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 04:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/30/22 15:00	09/01/22 04:02	1
o-Terphenyl	100		70 - 130				08/30/22 15:00	09/01/22 04:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		5.02		mg/Kg			09/06/22 11:54	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-19 @ 3 ft

Lab Sample ID: 880-18626-19

Date Collected: 08/29/22 09:24

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 05:48	1
Toluene	<0.00498	U	0.00498		mg/Kg		09/08/22 14:07	09/09/22 05:48	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 05:48	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/08/22 14:07	09/09/22 05:48	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		09/08/22 14:07	09/09/22 05:48	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/08/22 14:07	09/09/22 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	09/08/22 14:07	09/09/22 05:48	1
4-Bromofluorobenzene (Surr)	101		68 - 152	09/08/22 14:07	09/09/22 05:48	1
Dibromofluoromethane (Surr)	101		53 - 142	09/08/22 14:07	09/09/22 05:48	1
Toluene-d8 (Surr)	98		70 - 130	09/08/22 14:07	09/09/22 05:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 04:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	09/01/22 04:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	09/01/22 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/30/22 15:00	09/01/22 04:23	1
o-Terphenyl	104		70 - 130				08/30/22 15:00	09/01/22 04:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.97		5.05		mg/Kg			09/06/22 12:01	1

Client Sample ID: BH-20 @ 3 ft

Lab Sample ID: 880-18626-20

Date Collected: 08/29/22 09:27

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 06:08	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/08/22 14:07	09/09/22 06:08	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 06:08	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/09/22 06:08	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 06:08	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/09/22 06:08	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-20 @ 3 ft

Lab Sample ID: 880-18626-20

Date Collected: 08/29/22 09:27

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	09/08/22 14:07	09/09/22 06:08	1
4-Bromofluorobenzene (Surr)	98		68 - 152	09/08/22 14:07	09/09/22 06:08	1
Dibromofluoromethane (Surr)	102		53 - 142	09/08/22 14:07	09/09/22 06:08	1
Toluene-d8 (Surr)	99		70 - 130	09/08/22 14:07	09/09/22 06:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 15:00	09/01/22 04:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 04:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 15:00	09/01/22 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/30/22 15:00	09/01/22 04:45	1
o-Terphenyl	98		70 - 130	08/30/22 15:00	09/01/22 04:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.85		4.98		mg/Kg			09/06/22 03:38	1

Client Sample ID: BH-21 @ 3 ft

Lab Sample ID: 880-18626-21

Date Collected: 08/29/22 09:29

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 06:29	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/08/22 14:07	09/09/22 06:29	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 06:29	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/09/22 06:29	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 06:29	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/09/22 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		56 - 150	09/08/22 14:07	09/09/22 06:29	1
4-Bromofluorobenzene (Surr)	97		68 - 152	09/08/22 14:07	09/09/22 06:29	1
Dibromofluoromethane (Surr)	100		53 - 142	09/08/22 14:07	09/09/22 06:29	1
Toluene-d8 (Surr)	100		70 - 130	09/08/22 14:07	09/09/22 06:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-21 @ 3 ft

Lab Sample ID: 880-18626-21

Date Collected: 08/29/22 09:29

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 10:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 10:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 10:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/31/22 09:46	09/01/22 10:18	1
o-Terphenyl	101		70 - 130				08/31/22 09:46	09/01/22 10:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		5.02		mg/Kg			09/03/22 23:35	1

Client Sample ID: BH-22 @ 3 ft

Lab Sample ID: 880-18626-22

Date Collected: 08/29/22 09:32

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/09/22 06:49	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/08/22 14:07	09/09/22 06:49	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/09/22 06:49	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/09/22 06:49	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/09/22 06:49	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/09/22 06:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150				09/08/22 14:07	09/09/22 06:49	1
4-Bromofluorobenzene (Surr)	97		68 - 152				09/08/22 14:07	09/09/22 06:49	1
Dibromofluoromethane (Surr)	101		53 - 142				09/08/22 14:07	09/09/22 06:49	1
Toluene-d8 (Surr)	98		70 - 130				09/08/22 14:07	09/09/22 06:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 11:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 11:22	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-22 @ 3 ft

Lab Sample ID: 880-18626-22

Date Collected: 08/29/22 09:32

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 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		08/31/22 09:46	09/01/22 11:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/31/22 09:46	09/01/22 11:22	1
o-Terphenyl	100		70 - 130				08/31/22 09:46	09/01/22 11:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.8		4.97		mg/Kg			09/04/22 00:03	1

Client Sample ID: BH-23 @ 3 ft

Lab Sample ID: 880-18626-23

Date Collected: 08/29/22 09:35

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/09/22 07:10	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/08/22 14:07	09/09/22 07:10	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/09/22 07:10	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/09/22 07:10	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/09/22 07:10	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/09/22 07:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150				09/08/22 14:07	09/09/22 07:10	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/08/22 14:07	09/09/22 07:10	1
Dibromofluoromethane (Surr)	101		53 - 142				09/08/22 14:07	09/09/22 07:10	1
Toluene-d8 (Surr)	99		70 - 130				09/08/22 14:07	09/09/22 07:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 11:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 11:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 11:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				08/31/22 09:46	09/01/22 11:43	1
o-Terphenyl	113		70 - 130				08/31/22 09:46	09/01/22 11:43	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-23 @ 3 ft

Lab Sample ID: 880-18626-23

Date Collected: 08/29/22 09:35

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		5.00		mg/Kg			09/04/22 00:12	1

Client Sample ID: BH-24 @ 3 ft

Lab Sample ID: 880-18626-24

Date Collected: 08/29/22 09:37

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/09/22 07:30	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 14:07	09/09/22 07:30	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/09/22 07:30	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/09/22 07:30	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/09/22 07:30	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/09/22 07:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		56 - 150				09/08/22 14:07	09/09/22 07:30	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/08/22 14:07	09/09/22 07:30	1
Dibromofluoromethane (Surr)	103		53 - 142				09/08/22 14:07	09/09/22 07:30	1
Toluene-d8 (Surr)	97		70 - 130				09/08/22 14:07	09/09/22 07:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 12:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 12:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				08/31/22 09:46	09/01/22 12:05	1
o-Terphenyl	102		70 - 130				08/31/22 09:46	09/01/22 12:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.02		mg/Kg			09/04/22 00:21	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-25 @ 3 ft

Lab Sample ID: 880-18626-25

Date Collected: 08/29/22 09:40

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 04:51	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/08/22 14:07	09/09/22 04:51	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 04:51	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/09/22 04:51	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/09/22 04:51	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/09/22 04:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		56 - 150	09/08/22 14:07	09/09/22 04:51	1
4-Bromofluorobenzene (Surr)	104		68 - 152	09/08/22 14:07	09/09/22 04:51	1
Dibromofluoromethane (Surr)	107		53 - 142	09/08/22 14:07	09/09/22 04:51	1
Toluene-d8 (Surr)	98		70 - 130	09/08/22 14:07	09/09/22 04:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 12:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 12:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 12:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/31/22 09:46	09/01/22 12:26	1
o-Terphenyl	101		70 - 130				08/31/22 09:46	09/01/22 12:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		4.95		mg/Kg			09/04/22 00:30	1

Client Sample ID: BH-26 @ 3 ft

Lab Sample ID: 880-18626-26

Date Collected: 08/29/22 09:43

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 17:50	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 14:07	09/08/22 17:50	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 17:50	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 17:50	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 17:50	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 17:50	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-26 @ 3 ft

Lab Sample ID: 880-18626-26

Date Collected: 08/29/22 09:43

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		56 - 150	09/08/22 14:07	09/08/22 17:50	1
4-Bromofluorobenzene (Surr)	102		68 - 152	09/08/22 14:07	09/08/22 17:50	1
Dibromofluoromethane (Surr)	94		53 - 142	09/08/22 14:07	09/08/22 17:50	1
Toluene-d8 (Surr)	100		70 - 130	09/08/22 14:07	09/08/22 17:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 12:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 12:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	08/31/22 09:46	09/01/22 12:48	1
o-Terphenyl	102		70 - 130	08/31/22 09:46	09/01/22 12:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		4.97		mg/Kg			09/04/22 00:58	1

Client Sample ID: BH-27 @ 3 ft

Lab Sample ID: 880-18626-27

Date Collected: 08/29/22 09:45

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 18:11	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/08/22 14:07	09/08/22 18:11	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 18:11	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/08/22 18:11	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 18:11	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/08/22 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150	09/08/22 14:07	09/08/22 18:11	1
4-Bromofluorobenzene (Surr)	102		68 - 152	09/08/22 14:07	09/08/22 18:11	1
Dibromofluoromethane (Surr)	98		53 - 142	09/08/22 14:07	09/08/22 18:11	1
Toluene-d8 (Surr)	97		70 - 130	09/08/22 14:07	09/08/22 18:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-27 @ 3 ft

Lab Sample ID: 880-18626-27

Date Collected: 08/29/22 09:45

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 13:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 13:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				08/31/22 09:46	09/01/22 13:09	1
o-Terphenyl	111		70 - 130				08/31/22 09:46	09/01/22 13:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.1		4.98		mg/Kg			09/04/22 01:07	1

Client Sample ID: BH-28 @ 3 ft

Lab Sample ID: 880-18626-28

Date Collected: 08/29/22 09:47

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/08/22 18:31	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/08/22 14:07	09/08/22 18:31	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/08/22 18:31	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 18:31	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/08/22 14:07	09/08/22 18:31	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150				09/08/22 14:07	09/08/22 18:31	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/08/22 14:07	09/08/22 18:31	1
Dibromofluoromethane (Surr)	96		53 - 142				09/08/22 14:07	09/08/22 18:31	1
Toluene-d8 (Surr)	98		70 - 130				09/08/22 14:07	09/08/22 18:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 13:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/31/22 09:46	09/01/22 13:30	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-28 @ 3 ft

Lab Sample ID: 880-18626-28

Date Collected: 08/29/22 09:47

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 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		08/31/22 09:46	09/01/22 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/31/22 09:46	09/01/22 13:30	1
o-Terphenyl	110		70 - 130				08/31/22 09:46	09/01/22 13:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		4.98		mg/Kg			09/04/22 01:16	1

Client Sample ID: BH-29 @ 3 ft

Lab Sample ID: 880-18626-29

Date Collected: 08/29/22 09:53

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 18:52	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/08/22 14:07	09/08/22 18:52	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 18:52	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/08/22 18:52	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 18:52	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/08/22 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/08/22 14:07	09/08/22 18:52	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/08/22 14:07	09/08/22 18:52	1
Dibromofluoromethane (Surr)	98		53 - 142				09/08/22 14:07	09/08/22 18:52	1
Toluene-d8 (Surr)	96		70 - 130				09/08/22 14:07	09/08/22 18:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 13:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 13:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/31/22 09:46	09/01/22 13:52	1
o-Terphenyl	107		70 - 130				08/31/22 09:46	09/01/22 13:52	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-29 @ 3 ft

Lab Sample ID: 880-18626-29

Date Collected: 08/29/22 09:53

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.44		4.98		mg/Kg			09/04/22 01:25	1

Client Sample ID: BH-30 @ 3 ft

Lab Sample ID: 880-18626-30

Date Collected: 08/29/22 09:55

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 19:12	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 14:07	09/08/22 19:12	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 19:12	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 19:12	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 19:12	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/08/22 14:07	09/08/22 19:12	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/08/22 14:07	09/08/22 19:12	1
Dibromofluoromethane (Surr)	99		53 - 142				09/08/22 14:07	09/08/22 19:12	1
Toluene-d8 (Surr)	100		70 - 130				09/08/22 14:07	09/08/22 19:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 14:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 14:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				08/31/22 09:46	09/01/22 14:14	1
o-Terphenyl	111		70 - 130				08/31/22 09:46	09/01/22 14:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		5.00		mg/Kg			09/04/22 01:35	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-31 @ 3 ft

Lab Sample ID: 880-18626-31

Date Collected: 08/29/22 09:58

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 19:33	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/08/22 14:07	09/08/22 19:33	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 19:33	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/08/22 19:33	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 19:33	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 14:07	09/08/22 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150	09/08/22 14:07	09/08/22 19:33	1
4-Bromofluorobenzene (Surr)	98		68 - 152	09/08/22 14:07	09/08/22 19:33	1
Dibromofluoromethane (Surr)	99		53 - 142	09/08/22 14:07	09/08/22 19:33	1
Toluene-d8 (Surr)	97		70 - 130	09/08/22 14:07	09/08/22 19:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 14:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/31/22 09:46	09/01/22 14:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/31/22 09:46	09/01/22 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/31/22 09:46	09/01/22 14:57	1
o-Terphenyl	114		70 - 130				08/31/22 09:46	09/01/22 14:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		5.02		mg/Kg			09/04/22 01:44	1

Client Sample ID: BH-32 @ 4.5

Lab Sample ID: 880-18626-32

Date Collected: 08/29/22 10:02

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 4.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 19:53	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/08/22 14:07	09/08/22 19:53	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 19:53	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 19:53	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 19:53	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 19:53	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-32 @ 4.5

Lab Sample ID: 880-18626-32

Date Collected: 08/29/22 10:02

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/08/22 14:07	09/08/22 19:53	1
4-Bromofluorobenzene (Surr)	101		68 - 152	09/08/22 14:07	09/08/22 19:53	1
Dibromofluoromethane (Surr)	98		53 - 142	09/08/22 14:07	09/08/22 19:53	1
Toluene-d8 (Surr)	99		70 - 130	09/08/22 14:07	09/08/22 19:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 15:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	08/31/22 09:46	09/01/22 15:19	1
o-Terphenyl	122		70 - 130	08/31/22 09:46	09/01/22 15:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		5.01		mg/Kg			09/04/22 02:11	1

Client Sample ID: BH-33 @ 1.5

Lab Sample ID: 880-18626-33

Date Collected: 08/29/22 11:40

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 20:14	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/08/22 14:07	09/08/22 20:14	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 20:14	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 20:14	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/08/22 14:07	09/08/22 20:14	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/08/22 14:07	09/08/22 20:14	1
4-Bromofluorobenzene (Surr)	100		68 - 152	09/08/22 14:07	09/08/22 20:14	1
Dibromofluoromethane (Surr)	103		53 - 142	09/08/22 14:07	09/08/22 20:14	1
Toluene-d8 (Surr)	98		70 - 130	09/08/22 14:07	09/08/22 20:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-33 @ 1.5

Lab Sample ID: 880-18626-33

Date Collected: 08/29/22 11:40

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 15:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 15:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/31/22 09:46	09/01/22 15:41	1
o-Terphenyl	103		70 - 130				08/31/22 09:46	09/01/22 15:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		5.03		mg/Kg			09/04/22 02:21	1

Client Sample ID: BH-34 @ 3 ft

Lab Sample ID: 880-18626-34

Date Collected: 08/29/22 11:45

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 20:34	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/08/22 14:07	09/08/22 20:34	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 20:34	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 20:34	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 20:34	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150				09/08/22 14:07	09/08/22 20:34	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/08/22 14:07	09/08/22 20:34	1
Dibromofluoromethane (Surr)	98		53 - 142				09/08/22 14:07	09/08/22 20:34	1
Toluene-d8 (Surr)	98		70 - 130				09/08/22 14:07	09/08/22 20:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 16:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 16:02	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-34 @ 3 ft

Lab Sample ID: 880-18626-34

Date Collected: 08/29/22 11:45

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 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		08/31/22 09:46	09/01/22 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				08/31/22 09:46	09/01/22 16:02	1
o-Terphenyl	125		70 - 130				08/31/22 09:46	09/01/22 16:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		4.98		mg/Kg			09/04/22 02:49	1

Client Sample ID: BH-35 @ 3 ft

Lab Sample ID: 880-18626-35

Date Collected: 08/29/22 11:48

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 20:55	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 14:07	09/08/22 20:55	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 20:55	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 20:55	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 14:07	09/08/22 20:55	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 14:07	09/08/22 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/08/22 14:07	09/08/22 20:55	1
4-Bromofluorobenzene (Surr)	98		68 - 152				09/08/22 14:07	09/08/22 20:55	1
Dibromofluoromethane (Surr)	99		53 - 142				09/08/22 14:07	09/08/22 20:55	1
Toluene-d8 (Surr)	98		70 - 130				09/08/22 14:07	09/08/22 20:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 16:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130				08/31/22 09:46	09/01/22 16:24	1
o-Terphenyl	129		70 - 130				08/31/22 09:46	09/01/22 16:24	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-35 @ 3 ft

Lab Sample ID: 880-18626-35

Date Collected: 08/29/22 11:48

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		4.95		mg/Kg			09/04/22 02:58	1

Client Sample ID: BH-36 @ 3 ft

Lab Sample ID: 880-18626-36

Date Collected: 08/29/22 11:53

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 21:15	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/08/22 14:07	09/08/22 21:15	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 21:15	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 21:15	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 14:07	09/08/22 21:15	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 14:07	09/08/22 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/08/22 14:07	09/08/22 21:15	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/08/22 14:07	09/08/22 21:15	1
Dibromofluoromethane (Surr)	101		53 - 142				09/08/22 14:07	09/08/22 21:15	1
Toluene-d8 (Surr)	98		70 - 130				09/08/22 14:07	09/08/22 21:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 16:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 16:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/31/22 09:46	09/01/22 16:45	1
o-Terphenyl	99		70 - 130				08/31/22 09:46	09/01/22 16:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		4.95		mg/Kg			09/04/22 03:07	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-37 @ 3 ft

Lab Sample ID: 880-18626-37

Date Collected: 08/29/22 12:01

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 3 ft

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/09/22 13:54	09/09/22 14:54	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/09/22 13:54	09/09/22 14:54	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/09/22 13:54	09/09/22 14:54	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/09/22 13:54	09/09/22 14:54	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/09/22 13:54	09/09/22 14:54	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/09/22 13:54	09/09/22 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150	09/09/22 13:54	09/09/22 14:54	1
4-Bromofluorobenzene (Surr)	103		68 - 152	09/09/22 13:54	09/09/22 14:54	1
Dibromofluoromethane (Surr)	93		53 - 142	09/09/22 13:54	09/09/22 14:54	1
Toluene-d8 (Surr)	103		70 - 130	09/09/22 13:54	09/09/22 14:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 17:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 17:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				08/31/22 09:46	09/01/22 17:07	1
o-Terphenyl	106		70 - 130				08/31/22 09:46	09/01/22 17:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		4.99		mg/Kg			09/04/22 03:16	1

Client Sample ID: EW-2 @ 1.5

Lab Sample ID: 880-18626-38

Date Collected: 08/29/22 10:33

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/09/22 13:54	09/09/22 15:17	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/09/22 13:54	09/09/22 15:17	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/09/22 13:54	09/09/22 15:17	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/09/22 13:54	09/09/22 15:17	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/09/22 13:54	09/09/22 15:17	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/09/22 13:54	09/09/22 15:17	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: EW-2 @ 1.5

Lab Sample ID: 880-18626-38

Date Collected: 08/29/22 10:33

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		56 - 150	09/09/22 13:54	09/09/22 15:17	1
4-Bromofluorobenzene (Surr)	112		68 - 152	09/09/22 13:54	09/09/22 15:17	1
Dibromofluoromethane (Surr)	89		53 - 142	09/09/22 13:54	09/09/22 15:17	1
Toluene-d8 (Surr)	104		70 - 130	09/09/22 13:54	09/09/22 15:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 17:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 17:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	08/31/22 09:46	09/01/22 17:28	1
o-Terphenyl	119		70 - 130	08/31/22 09:46	09/01/22 17:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		5.01		mg/Kg			09/04/22 03:25	1

Client Sample ID: NW-5 @ 1.5

Lab Sample ID: 880-18626-39

Date Collected: 08/29/22 10:27

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 19:02	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/08/22 14:07	09/08/22 19:02	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 19:02	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 19:02	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 14:07	09/08/22 19:02	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 14:07	09/08/22 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	62		56 - 150	09/08/22 14:07	09/08/22 19:02	1
4-Bromofluorobenzene (Surr)	109		68 - 152	09/08/22 14:07	09/08/22 19:02	1
Dibromofluoromethane (Surr)	71		53 - 142	09/08/22 14:07	09/08/22 19:02	1
Toluene-d8 (Surr)	111		70 - 130	09/08/22 14:07	09/08/22 19:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: NW-5 @ 1.5

Lab Sample ID: 880-18626-39

Date Collected: 08/29/22 10:27

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 17:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 17:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				08/31/22 09:46	09/01/22 17:50	1
o-Terphenyl	69	S1-	70 - 130				08/31/22 09:46	09/01/22 17:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		5.03		mg/Kg			09/04/22 03:35	1

Client Sample ID: EW-3 @ 8 in

Lab Sample ID: 880-18626-40

Date Collected: 08/29/22 10:55

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8 in

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		09/08/22 15:32	09/08/22 18:11	1
Toluene	<0.00497	U	0.00497		mg/Kg		09/08/22 15:32	09/08/22 18:11	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		09/08/22 15:32	09/08/22 18:11	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/08/22 15:32	09/08/22 18:11	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		09/08/22 15:32	09/08/22 18:11	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/08/22 15:32	09/08/22 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		56 - 150				09/08/22 15:32	09/08/22 18:11	1
4-Bromofluorobenzene (Surr)	105		68 - 152				09/08/22 15:32	09/08/22 18:11	1
Dibromofluoromethane (Surr)	96		53 - 142				09/08/22 15:32	09/08/22 18:11	1
Toluene-d8 (Surr)	96		70 - 130				09/08/22 15:32	09/08/22 18:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:46	09/01/22 18:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:46	09/01/22 18:11	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: EW-3 @ 8 in

Lab Sample ID: 880-18626-40

Date Collected: 08/29/22 10:55

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8 in

Method: 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		08/31/22 09:46	09/01/22 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				08/31/22 09:46	09/01/22 18:11	1
o-Terphenyl	125		70 - 130				08/31/22 09:46	09/01/22 18:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		5.03		mg/Kg			09/04/22 03:44	1

Client Sample ID: WW-4 @ 1.5

Lab Sample ID: 880-18626-41

Date Collected: 08/29/22 11:03

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 18:34	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 15:32	09/08/22 18:34	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 18:34	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 18:34	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 18:34	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150				09/08/22 15:32	09/08/22 18:34	1
4-Bromofluorobenzene (Surr)	108		68 - 152				09/08/22 15:32	09/08/22 18:34	1
Dibromofluoromethane (Surr)	99		53 - 142				09/08/22 15:32	09/08/22 18:34	1
Toluene-d8 (Surr)	96		70 - 130				09/08/22 15:32	09/08/22 18:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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 F1	49.9		mg/Kg		08/31/22 09:49	09/01/22 10:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 10:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 10:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				08/31/22 09:49	09/01/22 10:18	1
o-Terphenyl	111		70 - 130				08/31/22 09:49	09/01/22 10:18	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: WW-4 @ 1.5

Lab Sample ID: 880-18626-41

Date Collected: 08/29/22 11:03

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.8		5.01		mg/Kg			09/04/22 04:57	1

Client Sample ID: EW-5 @ 8 in

Lab Sample ID: 880-18626-42

Date Collected: 08/29/22 10:43

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8 in

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 18:57	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 15:32	09/08/22 18:57	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 18:57	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 18:57	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 18:57	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/08/22 15:32	09/08/22 18:57	1
4-Bromofluorobenzene (Surr)	108		68 - 152				09/08/22 15:32	09/08/22 18:57	1
Dibromofluoromethane (Surr)	102		53 - 142				09/08/22 15:32	09/08/22 18:57	1
Toluene-d8 (Surr)	95		70 - 130				09/08/22 15:32	09/08/22 18:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 11:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 11:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 11:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/31/22 09:49	09/01/22 11:22	1
o-Terphenyl	98		70 - 130				08/31/22 09:49	09/01/22 11:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		5.02		mg/Kg			09/04/22 05:25	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: WW-2 @ 1.5

Lab Sample ID: 880-18626-43

Date Collected: 08/29/22 10:53

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 15:32	09/08/22 19:19	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/08/22 15:32	09/08/22 19:19	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 15:32	09/08/22 19:19	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 15:32	09/08/22 19:19	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 15:32	09/08/22 19:19	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 15:32	09/08/22 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		56 - 150	09/08/22 15:32	09/08/22 19:19	1
4-Bromofluorobenzene (Surr)	108		68 - 152	09/08/22 15:32	09/08/22 19:19	1
Dibromofluoromethane (Surr)	93		53 - 142	09/08/22 15:32	09/08/22 19:19	1
Toluene-d8 (Surr)	95		70 - 130	09/08/22 15:32	09/08/22 19:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 11:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 11:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 11:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/31/22 09:49	09/01/22 11:43	1
o-Terphenyl	92		70 - 130				08/31/22 09:49	09/01/22 11:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.05		mg/Kg			09/04/22 05:34	1

Client Sample ID: SW-2 @ 1.5

Lab Sample ID: 880-18626-44

Date Collected: 08/29/22 11:10

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 19:42	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 15:32	09/08/22 19:42	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 19:42	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 19:42	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 19:42	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 19:42	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: SW-2 @ 1.5

Lab Sample ID: 880-18626-44

Date Collected: 08/29/22 11:10

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150	09/08/22 15:32	09/08/22 19:42	1
4-Bromofluorobenzene (Surr)	110		68 - 152	09/08/22 15:32	09/08/22 19:42	1
Dibromofluoromethane (Surr)	102		53 - 142	09/08/22 15:32	09/08/22 19:42	1
Toluene-d8 (Surr)	98		70 - 130	09/08/22 15:32	09/08/22 19:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 12:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 12:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 12:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/31/22 09:49	09/01/22 12:05	1
o-Terphenyl	103		70 - 130	08/31/22 09:49	09/01/22 12:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		5.00		mg/Kg			09/04/22 05:43	1

Client Sample ID: EW-4 @ 8 in

Lab Sample ID: 880-18626-45

Date Collected: 08/29/22 10:40

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 20:05	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 15:32	09/08/22 20:05	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 20:05	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 20:05	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 20:05	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/08/22 15:32	09/08/22 20:05	1
4-Bromofluorobenzene (Surr)	108		68 - 152	09/08/22 15:32	09/08/22 20:05	1
Dibromofluoromethane (Surr)	94		53 - 142	09/08/22 15:32	09/08/22 20:05	1
Toluene-d8 (Surr)	95		70 - 130	09/08/22 15:32	09/08/22 20:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: EW-4 @ 8 in

Lab Sample ID: 880-18626-45

Date Collected: 08/29/22 10:40

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 12:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 12:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 12:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/31/22 09:49	09/01/22 12:26	1
o-Terphenyl	101		70 - 130				08/31/22 09:49	09/01/22 12:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1		4.99		mg/Kg			09/04/22 05:53	1

Client Sample ID: EW-1 @ 8 in

Lab Sample ID: 880-18626-46

Date Collected: 08/29/22 10:30

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 15:32	09/08/22 20:28	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/08/22 15:32	09/08/22 20:28	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 15:32	09/08/22 20:28	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 15:32	09/08/22 20:28	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 15:32	09/08/22 20:28	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 15:32	09/08/22 20:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150				09/08/22 15:32	09/08/22 20:28	1
4-Bromofluorobenzene (Surr)	105		68 - 152				09/08/22 15:32	09/08/22 20:28	1
Dibromofluoromethane (Surr)	100		53 - 142				09/08/22 15:32	09/08/22 20:28	1
Toluene-d8 (Surr)	95		70 - 130				09/08/22 15:32	09/08/22 20:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 12:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 12:48	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: EW-1 @ 8 in

Lab Sample ID: 880-18626-46

Date Collected: 08/29/22 10:30

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 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		08/31/22 09:49	09/01/22 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/31/22 09:49	09/01/22 12:48	1
o-Terphenyl	95		70 - 130				08/31/22 09:49	09/01/22 12:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.4		5.00		mg/Kg			09/04/22 06:20	1

Client Sample ID: NW-3 @ 1.5

Lab Sample ID: 880-18626-47

Date Collected: 08/29/22 10:20

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1'.5"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 20:51	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 15:32	09/08/22 20:51	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 20:51	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 20:51	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 20:51	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 20:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150				09/08/22 15:32	09/08/22 20:51	1
4-Bromofluorobenzene (Surr)	106		68 - 152				09/08/22 15:32	09/08/22 20:51	1
Dibromofluoromethane (Surr)	102		53 - 142				09/08/22 15:32	09/08/22 20:51	1
Toluene-d8 (Surr)	96		70 - 130				09/08/22 15:32	09/08/22 20:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 13:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 13:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/31/22 09:49	09/01/22 13:09	1
o-Terphenyl	95		70 - 130				08/31/22 09:49	09/01/22 13:09	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: NW-3 @ 1.5

Lab Sample ID: 880-18626-47

Date Collected: 08/29/22 10:20

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1'.5"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		4.96		mg/Kg			09/04/22 06:30	1

Client Sample ID: SW-1 @ 1.5

Lab Sample ID: 880-18626-48

Date Collected: 08/29/22 11:07

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1'.5"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 15:32	09/08/22 21:13	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/08/22 15:32	09/08/22 21:13	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 15:32	09/08/22 21:13	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 15:32	09/08/22 21:13	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 15:32	09/08/22 21:13	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 15:32	09/08/22 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/08/22 15:32	09/08/22 21:13	1
4-Bromofluorobenzene (Surr)	106		68 - 152				09/08/22 15:32	09/08/22 21:13	1
Dibromofluoromethane (Surr)	105		53 - 142				09/08/22 15:32	09/08/22 21:13	1
Toluene-d8 (Surr)	95		70 - 130				09/08/22 15:32	09/08/22 21:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 13:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/31/22 09:49	09/01/22 13:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/31/22 09:49	09/01/22 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/31/22 09:49	09/01/22 13:30	1
o-Terphenyl	104		70 - 130				08/31/22 09:49	09/01/22 13:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		4.97		mg/Kg			09/04/22 06:39	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: NW-1 @ 8 in

Lab Sample ID: 880-18626-49

Date Collected: 08/29/22 10:13

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 21:36	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 15:32	09/08/22 21:36	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 21:36	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 21:36	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 15:32	09/08/22 21:36	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 15:32	09/08/22 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/08/22 15:32	09/08/22 21:36	1
4-Bromofluorobenzene (Surr)	102		68 - 152	09/08/22 15:32	09/08/22 21:36	1
Dibromofluoromethane (Surr)	103		53 - 142	09/08/22 15:32	09/08/22 21:36	1
Toluene-d8 (Surr)	95		70 - 130	09/08/22 15:32	09/08/22 21:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 13:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 13:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/31/22 09:49	09/01/22 13:52	1
o-Terphenyl	117		70 - 130				08/31/22 09:49	09/01/22 13:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		5.04		mg/Kg			09/04/22 06:48	1

Client Sample ID: SW-3 @ 8 in

Lab Sample ID: 880-18626-50

Date Collected: 08/29/22 11:14

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/09/22 13:54	09/09/22 15:40	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/09/22 13:54	09/09/22 15:40	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/09/22 13:54	09/09/22 15:40	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/09/22 13:54	09/09/22 15:40	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/09/22 13:54	09/09/22 15:40	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/09/22 13:54	09/09/22 15:40	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: SW-3 @ 8 in

Lab Sample ID: 880-18626-50

Date Collected: 08/29/22 11:14

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	09/09/22 13:54	09/09/22 15:40	1
4-Bromofluorobenzene (Surr)	105		68 - 152	09/09/22 13:54	09/09/22 15:40	1
Dibromofluoromethane (Surr)	92		53 - 142	09/09/22 13:54	09/09/22 15:40	1
Toluene-d8 (Surr)	106		70 - 130	09/09/22 13:54	09/09/22 15:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 14:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 14:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	08/31/22 09:49	09/01/22 14:14	1
o-Terphenyl	111		70 - 130	08/31/22 09:49	09/01/22 14:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.8		5.03		mg/Kg			09/04/22 06:57	1

Client Sample ID: NW-4 @ 1.5

Lab Sample ID: 880-18626-51

Date Collected: 08/29/22 10:23

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1'5"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		09/08/22 16:18	09/08/22 22:22	1
Toluene	<0.00498	U	0.00498		mg/Kg		09/08/22 16:18	09/08/22 22:22	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		09/08/22 16:18	09/08/22 22:22	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/08/22 16:18	09/08/22 22:22	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		09/08/22 16:18	09/08/22 22:22	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/08/22 16:18	09/08/22 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	09/08/22 16:18	09/08/22 22:22	1
4-Bromofluorobenzene (Surr)	109	*3	68 - 152	09/08/22 16:18	09/08/22 22:22	1
Dibromofluoromethane (Surr)	105		53 - 142	09/08/22 16:18	09/08/22 22:22	1
Toluene-d8 (Surr)	95		70 - 130	09/08/22 16:18	09/08/22 22:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/09/22 17:41	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: NW-4 @ 1.5

Lab Sample ID: 880-18626-51

Date Collected: 08/29/22 10:23

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1'5"

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 14:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/31/22 09:49	09/01/22 14:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/31/22 09:49	09/01/22 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/31/22 09:49	09/01/22 14:57	1
o-Terphenyl	95		70 - 130				08/31/22 09:49	09/01/22 14:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		4.99		mg/Kg			09/04/22 07:06	1

Client Sample ID: NW-2 @ 8"

Lab Sample ID: 880-18626-52

Date Collected: 08/29/22 10:15

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 22:45	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/08/22 16:18	09/08/22 22:45	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 22:45	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 16:18	09/08/22 22:45	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 22:45	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 16:18	09/08/22 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150				09/08/22 16:18	09/08/22 22:45	1
4-Bromofluorobenzene (Surr)	107	*3	68 - 152				09/08/22 16:18	09/08/22 22:45	1
Dibromofluoromethane (Surr)	107		53 - 142				09/08/22 16:18	09/08/22 22:45	1
Toluene-d8 (Surr)	95		70 - 130				09/08/22 16:18	09/08/22 22:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 15:19	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: NW-2 @ 8"

Lab Sample ID: 880-18626-52

Date Collected: 08/29/22 10:15

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 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		08/31/22 09:49	09/01/22 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/31/22 09:49	09/01/22 15:19	1
o-Terphenyl	120		70 - 130				08/31/22 09:49	09/01/22 15:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		5.00		mg/Kg			09/04/22 07:34	1

Client Sample ID: WW-1 @ 8"

Lab Sample ID: 880-18626-53

Date Collected: 08/29/22 10:50

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 19:19	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/08/22 16:18	09/08/22 19:19	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 19:19	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/08/22 16:18	09/08/22 19:19	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 19:19	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/08/22 16:18	09/08/22 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	58		56 - 150				09/08/22 16:18	09/08/22 19:19	1
4-Bromofluorobenzene (Surr)	113	*3	68 - 152				09/08/22 16:18	09/08/22 19:19	1
Dibromofluoromethane (Surr)	60		53 - 142				09/08/22 16:18	09/08/22 19:19	1
Toluene-d8 (Surr)	117		70 - 130				09/08/22 16:18	09/08/22 19:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 15:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 15:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/31/22 09:49	09/01/22 15:41	1
o-Terphenyl	89		70 - 130				08/31/22 09:49	09/01/22 15:41	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: WW-1 @ 8"

Lab Sample ID: 880-18626-53

Date Collected: 08/29/22 10:50

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		4.99		mg/Kg			09/04/22 07:43	1

Client Sample ID: WW-3 @ 1.5

Lab Sample ID: 880-18626-54

Date Collected: 08/29/22 10:57

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 1'.5"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 07:51	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/08/22 16:18	09/09/22 07:51	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 07:51	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 16:18	09/09/22 07:51	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 07:51	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 16:18	09/09/22 07:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/08/22 16:18	09/09/22 07:51	1
4-Bromofluorobenzene (Surr)	100		68 - 152				09/08/22 16:18	09/09/22 07:51	1
Dibromofluoromethane (Surr)	101		53 - 142				09/08/22 16:18	09/09/22 07:51	1
Toluene-d8 (Surr)	99		70 - 130				09/08/22 16:18	09/09/22 07:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.6		50.0		mg/Kg			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 16:02	1
Diesel Range Organics (Over C10-C28)	65.6		50.0		mg/Kg		08/31/22 09:49	09/01/22 16:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/31/22 09:49	09/01/22 16:02	1
o-Terphenyl	103		70 - 130				08/31/22 09:49	09/01/22 16:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		4.99		mg/Kg			09/04/22 08:11	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: SW-4 @ 8 in

Lab Sample ID: 880-18626-55

Date Collected: 08/29/22 11:18

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 8"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 08:11	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/08/22 16:18	09/09/22 08:11	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 08:11	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 16:18	09/09/22 08:11	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 08:11	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 16:18	09/09/22 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/08/22 16:18	09/09/22 08:11	1
4-Bromofluorobenzene (Surr)	97		68 - 152	09/08/22 16:18	09/09/22 08:11	1
Dibromofluoromethane (Surr)	101		53 - 142	09/08/22 16:18	09/09/22 08:11	1
Toluene-d8 (Surr)	100		70 - 130	09/08/22 16:18	09/09/22 08:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 16:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/31/22 09:49	09/01/22 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/31/22 09:49	09/01/22 16:24	1
o-Terphenyl	99		70 - 130				08/31/22 09:49	09/01/22 16:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		5.02		mg/Kg			09/04/22 08:20	1

Client Sample ID: WC

Lab Sample ID: 880-18626-56

Date Collected: 08/29/22 13:42

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: surf

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 08:32	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/08/22 16:18	09/09/22 08:32	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 08:32	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 16:18	09/09/22 08:32	1
o-Xylene	0.00127		0.00100		mg/Kg		09/08/22 16:18	09/09/22 08:32	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 16:18	09/09/22 08:32	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: WC

Lab Sample ID: 880-18626-56

Date Collected: 08/29/22 13:42

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: surf

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	09/08/22 16:18	09/09/22 08:32	1
4-Bromofluorobenzene (Surr)	107		68 - 152	09/08/22 16:18	09/09/22 08:32	1
Dibromofluoromethane (Surr)	103		53 - 142	09/08/22 16:18	09/09/22 08:32	1
Toluene-d8 (Surr)	101		70 - 130	09/08/22 16:18	09/09/22 08:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	991		50.0		mg/Kg			09/01/22 10:25	1

Method: 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		08/31/22 09:49	09/01/22 16:45	1
Diesel Range Organics (Over C10-C28)	886		50.0		mg/Kg		08/31/22 09:49	09/01/22 16:45	1
Oil Range Organics (Over C28-C36)	105		50.0		mg/Kg		08/31/22 09:49	09/01/22 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/31/22 09:49	09/01/22 16:45	1
o-Terphenyl	92		70 - 130	08/31/22 09:49	09/01/22 16:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	552		5.04		mg/Kg			09/04/22 08:29	1

Client Sample ID: WW-5 @ 2.5

Lab Sample ID: 880-18626-57

Date Collected: 08/29/22 11:33

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 2'.5"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		09/08/22 16:18	09/09/22 08:52	1
Toluene	<0.00497	U	0.00497		mg/Kg		09/08/22 16:18	09/09/22 08:52	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		09/08/22 16:18	09/09/22 08:52	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/08/22 16:18	09/09/22 08:52	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		09/08/22 16:18	09/09/22 08:52	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/08/22 16:18	09/09/22 08:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/08/22 16:18	09/09/22 08:52	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/08/22 16:18	09/09/22 08:52	1
Dibromofluoromethane (Surr)	101		53 - 142				09/08/22 16:18	09/09/22 08:52	1
Toluene-d8 (Surr)	98		70 - 130				09/08/22 16:18	09/09/22 08:52	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: WW-5 @ 2.5

Lab Sample ID: 880-18626-57

Date Collected: 08/29/22 11:33

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 2'.5"

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/09/22 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.4		49.8		mg/Kg			09/01/22 10:25	1

Method: 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		08/30/22 14:56	09/01/22 02:37	1
Diesel Range Organics (Over C10-C28)	56.4		49.8		mg/Kg		08/30/22 14:56	09/01/22 02:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/22 14:56	09/01/22 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				08/30/22 14:56	09/01/22 02:37	1
o-Terphenyl	121		70 - 130				08/30/22 14:56	09/01/22 02:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		5.03		mg/Kg			09/04/22 08:39	1

Client Sample ID: SW-5 @ 2.5

Lab Sample ID: 880-18626-58

Date Collected: 08/29/22 11:37

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 2'.5"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/08/22 16:18	09/09/22 09:13	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/08/22 16:18	09/09/22 09:13	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/08/22 16:18	09/09/22 09:13	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/08/22 16:18	09/09/22 09:13	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/08/22 16:18	09/09/22 09:13	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/08/22 16:18	09/09/22 09:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150				09/08/22 16:18	09/09/22 09:13	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/08/22 16:18	09/09/22 09:13	1
Dibromofluoromethane (Surr)	100		53 - 142				09/08/22 16:18	09/09/22 09:13	1
Toluene-d8 (Surr)	99		70 - 130				09/08/22 16:18	09/09/22 09:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: SW-5 @ 2.5

Lab Sample ID: 880-18626-58

Date Collected: 08/29/22 11:37

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 2'.5"

Method: 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		08/30/22 14:56	09/01/22 02:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 14:56	09/01/22 02:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 14:56	09/01/22 02:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/30/22 14:56	09/01/22 02:58	1
o-Terphenyl	106		70 - 130				08/30/22 14:56	09/01/22 02:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		4.98		mg/Kg			09/04/22 08:48	1

Client Sample ID: EW-6 @ 2.5

Lab Sample ID: 880-18626-59

Date Collected: 08/29/22 11:30

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 2'.5"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 09:33	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/08/22 16:18	09/09/22 09:33	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 09:33	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/08/22 16:18	09/09/22 09:33	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/08/22 16:18	09/09/22 09:33	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/08/22 16:18	09/09/22 09:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/08/22 16:18	09/09/22 09:33	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/08/22 16:18	09/09/22 09:33	1
Dibromofluoromethane (Surr)	100		53 - 142				09/08/22 16:18	09/09/22 09:33	1
Toluene-d8 (Surr)	101		70 - 130				09/08/22 16:18	09/09/22 09:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 14:56	09/01/22 03:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 14:56	09/01/22 03:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 14:56	09/01/22 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/30/22 14:56	09/01/22 03:19	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: EW-6 @ 2.5

Lab Sample ID: 880-18626-59

Date Collected: 08/29/22 11:30

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 2'.5"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	105		70 - 130	08/30/22 14:56	09/01/22 03:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.42		5.00		mg/Kg			09/04/22 08:57	1

Client Sample ID: NW-6 @ 2.5"

Lab Sample ID: 880-18626-60

Date Collected: 08/29/22 11:25

Matrix: Solid

Date Received: 08/29/22 16:18

Sample Depth: 2'.5"

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 19:36	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/08/22 16:18	09/08/22 19:36	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 19:36	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/08/22 16:18	09/08/22 19:36	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/08/22 16:18	09/08/22 19:36	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/08/22 16:18	09/08/22 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		56 - 150	09/08/22 16:18	09/08/22 19:36	1
4-Bromofluorobenzene (Surr)	103		68 - 152	09/08/22 16:18	09/08/22 19:36	1
Dibromofluoromethane (Surr)	88		53 - 142	09/08/22 16:18	09/08/22 19:36	1
Toluene-d8 (Surr)	103		70 - 130	09/08/22 16:18	09/08/22 19:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/09/22 17:41	1

Method: 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			09/01/22 10:25	1

Method: 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		08/30/22 14:56	09/01/22 03:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 14:56	09/01/22 03:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 14:56	09/01/22 03:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/30/22 14:56	09/01/22 03:41	1
<i>o</i> -Terphenyl	99		70 - 130	08/30/22 14:56	09/01/22 03:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		4.97		mg/Kg			09/04/22 09:06	1

Eurofins Midland

Surrogate Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
820-5624-A-1-J MS	Matrix Spike	97	96	97	97
860-32675-A-5-A MS	Matrix Spike	99	127	86	133 S1+
860-32675-A-13-C MS	Matrix Spike	98	121	97	144 S1+
880-18626-1	BH-1 @ 1.5	109	111	85	105
880-18626-2	BH-2 @ 1.5	107	117	87	106
880-18626-3	BH-3 @ 1.5	114	112	89	104
880-18626-4	BH-4 @ 1.5	101	120	87	101
880-18626-5	BH-5 @ 1.5	105	107	90	105
880-18626-6	BH-6 @ 1.5	103	100	101	97
880-18626-6 MS	BH-6 @ 1.5	97	99	101	99
880-18626-7	BH-7 @ 1.5	105	115	96	102
880-18626-8	BH-8 @ 1.5	105	107	82	103
880-18626-9	BH-9 @ 1.5	109	106	87	104
880-18626-10	BH-10 @ 1.5	102	104	90	103
880-18626-11	BH-11 @ 1.5	103	104	81	104
880-18626-12	BH-12 @ 1.5	103	98	101	96
880-18626-13	BH-13 @ 1.5	102	98	100	98
880-18626-14	BH-14 @ 1.5	105	100	99	99
880-18626-15	BH-15 @ 1.5	103	98	99	98
880-18626-16	BH-16 @ 3 ft	104	100	101	97
880-18626-17	BH-17 @ 3 ft	101	98	100	99
880-18626-18	BH-18 @ 3 ft	100	98	100	97
880-18626-19	BH-19 @ 3 ft	103	101	101	98
880-18626-20	BH-20 @ 3 ft	104	98	102	99
880-18626-21	BH-21 @ 3 ft	100	97	100	100
880-18626-22	BH-22 @ 3 ft	98	97	101	98
880-18626-23	BH-23 @ 3 ft	105	99	101	99
880-18626-24	BH-24 @ 3 ft	106	101	103	97
880-18626-25	BH-25 @ 3 ft	106	104	107	98
880-18626-25 MS	BH-25 @ 3 ft	99	109	102	95
880-18626-26	BH-26 @ 3 ft	95	102	94	100
880-18626-27	BH-27 @ 3 ft	99	102	98	97
880-18626-28	BH-28 @ 3 ft	99	99	96	98
880-18626-29	BH-29 @ 3 ft	102	99	98	96
880-18626-30	BH-30 @ 3 ft	101	101	99	100
880-18626-31	BH-31 @ 3 ft	101	98	99	97
880-18626-32	BH-32 @ 4.5	102	101	98	99
880-18626-33	BH-33 @ 1.5	102	100	103	98
880-18626-34	BH-34 @ 3 ft	99	99	98	98
880-18626-35	BH-35 @ 3 ft	102	98	99	98
880-18626-36	BH-36 @ 3 ft	101	99	101	98
880-18626-37	BH-37 @ 3 ft	112	103	93	103
880-18626-38	EW-2 @ 1.5	107	112	89	104
880-18626-39	NW-5 @ 1.5	62	109	71	111
880-18626-40	EW-3 @ 8 in	94	105	96	96
880-18626-41	VW-4 @ 1.5	98	108	99	96
880-18626-42	EW-5 @ 8 in	101	108	102	95
880-18626-43	VW-2 @ 1.5	120	108	93	95
880-18626-44	SW-2 @ 1.5	99	110	102	98

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Surrogate Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
880-18626-45	EW-4 @ 8 in	102	108	94	95
880-18626-46	EW-1 @ 8 in	98	105	100	95
880-18626-47	NW-3 @ 1.5	105	106	102	96
880-18626-48	SW-1 @ 1.5	101	106	105	95
880-18626-49	NW-1 @ 8 in	102	102	103	95
880-18626-50	SW-3 @ 8 in	108	105	92	106
880-18626-51	NW-4 @ 1.5	108	109 *3	105	95
880-18626-52	NW-2 @ 8"	108	107 *3	107	95
880-18626-53	WW-1 @ 8"	58	113 *3	60	117
880-18626-54	WW-3 @ 1.5	102	100	101	99
880-18626-55	SW-4 @ 8 in	102	97	101	100
880-18626-56	WC	103	107	103	101
880-18626-57	WW-5 @ 2.5	102	99	101	98
880-18626-58	SW-5 @ 2.5	103	99	100	99
880-18626-59	EW-6 @ 2.5	102	101	100	101
880-18626-60	NW-6 @ 2.5"	89	103	88	103
LCS 860-68208/3	Lab Control Sample	99	95	100	99
LCS 860-68210/3	Lab Control Sample	86	100	92	93
LCS 860-68265/3	Lab Control Sample	80	96	86	100
LCS 860-68273/3	Lab Control Sample	105	107	99	100
LCS 860-68350/30	Lab Control Sample	98	94	101	99
LCS 860-68352/3	Lab Control Sample	99	96	97	93
LCS 860-68388/3	Lab Control Sample	106	109	98	101
LCSD 860-68208/4	Lab Control Sample Dup	97	95	100	98
LCSD 860-68210/4	Lab Control Sample Dup	91	99	94	93
LCSD 860-68265/4	Lab Control Sample Dup	96	90	98	93
LCSD 860-68273/4	Lab Control Sample Dup	108	107	98	99
LCSD 860-68350/4	Lab Control Sample Dup	103	95	101	98
LCSD 860-68352/4	Lab Control Sample Dup	101	96	102	91
LCSD 860-68388/4	Lab Control Sample Dup	102	108	92	100
MB 860-68208/8	Method Blank	100	99	96	96
MB 860-68210/8	Method Blank	99	97	100	93
MB 860-68265/8	Method Blank	75	106	82	107
MB 860-68273/8	Method Blank	99	106	87	105
MB 860-68350/9	Method Blank	103	96	99	98
MB 860-68352/9	Method Blank	108	97	99	93
MB 860-68388/8	Method Blank	93	117	86	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-18626-1	BH-1 @ 1.5	98	95

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Surrogate Summary

Client: AMERAPEX

Job ID: 880-18626-1

Project/Site: Denton-Haul-Off

SDG: Lovington NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-18626-1 MS	BH-1 @ 1.5	76	70
880-18626-1 MSD	BH-1 @ 1.5	81	74
880-18626-2	BH-2 @ 1.5	90	91
880-18626-3	BH-3 @ 1.5	107	107
880-18626-4	BH-4 @ 1.5	105	103
880-18626-5	BH-5 @ 1.5	90	90
880-18626-6	BH-6 @ 1.5	65 S1-	62 S1-
880-18626-7	BH-7 @ 1.5	106	107
880-18626-8	BH-8 @ 1.5	101	101
880-18626-9	BH-9 @ 1.5	104	105
880-18626-10	BH-10 @ 1.5	106	108
880-18626-11	BH-11 @ 1.5	107	109
880-18626-12	BH-12 @ 1.5	108	108
880-18626-13	BH-13 @ 1.5	68 S1-	121
880-18626-14	BH-14 @ 1.5	104	104
880-18626-15	BH-15 @ 1.5	107	109
880-18626-16	BH-16 @ 3 ft	107	106
880-18626-17	BH-17 @ 3 ft	105	105
880-18626-18	BH-18 @ 3 ft	99	100
880-18626-19	BH-19 @ 3 ft	105	104
880-18626-20	BH-20 @ 3 ft	98	98
880-18626-21	BH-21 @ 3 ft	114	101
880-18626-21 MS	BH-21 @ 3 ft	106	83
880-18626-21 MSD	BH-21 @ 3 ft	112	79
880-18626-22	BH-22 @ 3 ft	110	100
880-18626-23	BH-23 @ 3 ft	127	113
880-18626-24	BH-24 @ 3 ft	113	102
880-18626-25	BH-25 @ 3 ft	112	101
880-18626-26	BH-26 @ 3 ft	113	102
880-18626-27	BH-27 @ 3 ft	125	111
880-18626-28	BH-28 @ 3 ft	126	110
880-18626-29	BH-29 @ 3 ft	123	107
880-18626-30	BH-30 @ 3 ft	133 S1+	111
880-18626-31	BH-31 @ 3 ft	131 S1+	114
880-18626-32	BH-32 @ 4.5	140 S1+	122
880-18626-33	BH-33 @ 1.5	116	103
880-18626-34	BH-34 @ 3 ft	145 S1+	125
880-18626-35	BH-35 @ 3 ft	148 S1+	129
880-18626-36	BH-36 @ 3 ft	110	99
880-18626-37	BH-37 @ 3 ft	122	106
880-18626-38	EW-2 @ 1.5	139 S1+	119
880-18626-39	NW-5 @ 1.5	78	69 S1-
880-18626-40	EW-3 @ 8 in	143 S1+	125
880-18626-41	VW-4 @ 1.5	113	111
880-18626-41 MS	VW-4 @ 1.5	102	86
880-18626-41 MSD	VW-4 @ 1.5	103	85
880-18626-42	EW-5 @ 8 in	100	98
880-18626-43	VW-2 @ 1.5	95	92
880-18626-44	SW-2 @ 1.5	104	103
880-18626-45	EW-4 @ 8 in	102	101

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Surrogate Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington 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)
880-18626-46	EW-1 @ 8 in	97	95
880-18626-47	NW-3 @ 1.5	98	95
880-18626-48	SW-1 @ 1.5	105	104
880-18626-49	NW-1 @ 8 in	120	117
880-18626-50	SW-3 @ 8 in	115	111
880-18626-51	NW-4 @ 1.5	98	95
880-18626-52	NW-2 @ 8"	126	120
880-18626-53	WW-1 @ 8"	91	89
880-18626-54	WW-3 @ 1.5	110	103
880-18626-55	SW-4 @ 8 in	101	99
880-18626-56	WC	104	92
880-18626-57	WW-5 @ 2.5	128	121
880-18626-58	SW-5 @ 2.5	110	106
880-18626-59	EW-6 @ 2.5	109	105
880-18626-60	NW-6 @ 2.5"	103	99
880-18627-A-1-B MS	Matrix Spike	83	78
880-18627-A-1-C MSD	Matrix Spike Duplicate	84	79
LCS 880-33380/2-A	Lab Control Sample	151 S1+	140 S1+
LCS 880-33381/2-A	Lab Control Sample	153 S1+	161 S1+
LCS 880-33419/2-A	Lab Control Sample	176 S1+	165 S1+
LCS 880-33421/2-A	Lab Control Sample	195 S1+	191 S1+
LCSD 880-33380/3-A	Lab Control Sample Dup	155 S1+	141 S1+
LCSD 880-33381/3-A	Lab Control Sample Dup	145 S1+	151 S1+
LCSD 880-33419/3-A	Lab Control Sample Dup	155 S1+	148 S1+
LCSD 880-33421/3-A	Lab Control Sample Dup	177 S1+	171 S1+
MB 880-33380/1-A	Method Blank	101	98
MB 880-33381/1-A	Method Blank	114	117
MB 880-33419/1-A	Method Blank	119	110
MB 880-33421/1-A	Method Blank	117	117

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: 860-32675-A-5-A MS

Matrix: Solid

Analysis Batch: 68273

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0248	U	1.24	1.220		mg/Kg		97	71 - 119
Toluene	0.523		1.24	1.740		mg/Kg		98	74 - 122
Ethylbenzene	0.323		1.24	1.806		mg/Kg		120	80 - 123
m,p-Xylenes	<0.0495	U F1	1.24	1.738	F1	mg/Kg		140	78 - 127
o-Xylene	<0.0248	U	1.24	1.481		mg/Kg		120	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 150
4-Bromofluorobenzene (Surr)	127		68 - 152
Dibromofluoromethane (Surr)	86		53 - 142
Toluene-d8 (Surr)	133	S1+	70 - 130

Lab Sample ID: MB 860-68208/8

Matrix: Solid

Analysis Batch: 68208

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/08/22 13:33	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/08/22 13:33	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/08/22 13:33	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/08/22 13:33	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/08/22 13:33	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/08/22 13:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		56 - 150		09/08/22 13:33	1
4-Bromofluorobenzene (Surr)	99		68 - 152		09/08/22 13:33	1
Dibromofluoromethane (Surr)	96		53 - 142		09/08/22 13:33	1
Toluene-d8 (Surr)	96		70 - 130		09/08/22 13:33	1

Lab Sample ID: LCS 860-68208/3

Matrix: Solid

Analysis Batch: 68208

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04889		mg/Kg		98	66 - 142
Toluene	0.0500	0.04980		mg/Kg		100	74 - 130
Ethylbenzene	0.0500	0.05212		mg/Kg		104	80 - 130
m,p-Xylenes	0.0500	0.05006		mg/Kg		100	78 - 130
o-Xylene	0.0500	0.05287		mg/Kg		106	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 150
4-Bromofluorobenzene (Surr)	95		68 - 152
Dibromofluoromethane (Surr)	100		53 - 142
Toluene-d8 (Surr)	99		70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-68208/4

Matrix: Solid

Analysis Batch: 68208

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04468		mg/Kg		89	66 - 142	9	25
Toluene	0.0500	0.04532		mg/Kg		91	74 - 130	9	25
Ethylbenzene	0.0500	0.04781		mg/Kg		96	80 - 130	9	25
m,p-Xylenes	0.0500	0.04628		mg/Kg		93	78 - 130	8	25
o-Xylene	0.0500	0.04801		mg/Kg		96	79 - 130	10	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		56 - 150
4-Bromofluorobenzene (Surr)	95		68 - 152
Dibromofluoromethane (Surr)	100		53 - 142
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 860-68210/8

Matrix: Solid

Analysis Batch: 68210

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/08/22 14:46	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/08/22 14:46	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/08/22 14:46	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/08/22 14:46	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/08/22 14:46	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/08/22 14:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150		09/08/22 14:46	1
4-Bromofluorobenzene (Surr)	97		68 - 152		09/08/22 14:46	1
Dibromofluoromethane (Surr)	100		53 - 142		09/08/22 14:46	1
Toluene-d8 (Surr)	93		70 - 130		09/08/22 14:46	1

Lab Sample ID: LCS 860-68210/3

Matrix: Solid

Analysis Batch: 68210

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05795		mg/Kg		116	66 - 142
Toluene	0.0500	0.05614		mg/Kg		112	74 - 130
Ethylbenzene	0.0500	0.05617		mg/Kg		112	80 - 130
m,p-Xylenes	0.0500	0.05691		mg/Kg		114	78 - 130
o-Xylene	0.0500	0.05586		mg/Kg		112	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		56 - 150
4-Bromofluorobenzene (Surr)	100		68 - 152
Dibromofluoromethane (Surr)	92		53 - 142
Toluene-d8 (Surr)	93		70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-68210/4

Matrix: Solid

Analysis Batch: 68210

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.05595		mg/Kg		112	66 - 142	4	25
Toluene	0.0500	0.05454		mg/Kg		109	74 - 130	3	25
Ethylbenzene	0.0500	0.05447		mg/Kg		109	80 - 130	3	25
m,p-Xylenes	0.0500	0.05442		mg/Kg		109	78 - 130	4	25
o-Xylene	0.0500	0.05430		mg/Kg		109	79 - 130	3	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		56 - 150
4-Bromofluorobenzene (Surr)	99		68 - 152
Dibromofluoromethane (Surr)	94		53 - 142
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: MB 860-68265/8

Matrix: Solid

Analysis Batch: 68265

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/08/22 15:21	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/08/22 15:21	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/08/22 15:21	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/08/22 15:21	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/08/22 15:21	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/08/22 15:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	75		56 - 150		09/08/22 15:21	1
4-Bromofluorobenzene (Surr)	106		68 - 152		09/08/22 15:21	1
Dibromofluoromethane (Surr)	82		53 - 142		09/08/22 15:21	1
Toluene-d8 (Surr)	107		70 - 130		09/08/22 15:21	1

Lab Sample ID: LCS 860-68265/3

Matrix: Solid

Analysis Batch: 68265

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04651		mg/Kg		93	66 - 142
Toluene	0.0500	0.05055		mg/Kg		101	74 - 130
Ethylbenzene	0.0500	0.05093		mg/Kg		102	80 - 130
m,p-Xylenes	0.0500	0.05157		mg/Kg		103	78 - 130
o-Xylene	0.0500	0.05016		mg/Kg		100	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		56 - 150
4-Bromofluorobenzene (Surr)	96		68 - 152
Dibromofluoromethane (Surr)	86		53 - 142
Toluene-d8 (Surr)	100		70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-68265/4

Matrix: Solid

Analysis Batch: 68265

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04983		mg/Kg		100	66 - 142	7	25
Toluene	0.0500	0.04846		mg/Kg		97	74 - 130	4	25
Ethylbenzene	0.0500	0.04916		mg/Kg		98	80 - 130	4	25
m,p-Xylenes	0.0500	0.04875		mg/Kg		97	78 - 130	6	25
o-Xylene	0.0500	0.05013		mg/Kg		100	79 - 130	0	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		56 - 150
4-Bromofluorobenzene (Surr)	90		68 - 152
Dibromofluoromethane (Surr)	98		53 - 142
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: 820-5624-A-1-J MS

Matrix: Solid

Analysis Batch: 68208

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68269

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0253	U	1.26	1.224		mg/Kg		97	71 - 119
Toluene	<0.126	U	1.26	1.333		mg/Kg		101	74 - 122
Ethylbenzene	<0.0253	U	1.26	1.291		mg/Kg		102	80 - 123
m,p-Xylenes	<0.0505	U	1.26	1.246		mg/Kg		99	78 - 127
o-Xylene	<0.0253	U	1.26	1.274		mg/Kg		101	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		56 - 150
4-Bromofluorobenzene (Surr)	96		68 - 152
Dibromofluoromethane (Surr)	97		53 - 142
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: MB 860-68273/8

Matrix: Solid

Analysis Batch: 68273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/08/22 14:45	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/08/22 14:45	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/08/22 14:45	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/08/22 14:45	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/08/22 14:45	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/08/22 14:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150		09/08/22 14:45	1
4-Bromofluorobenzene (Surr)	106		68 - 152		09/08/22 14:45	1
Dibromofluoromethane (Surr)	87		53 - 142		09/08/22 14:45	1
Toluene-d8 (Surr)	105		70 - 130		09/08/22 14:45	1

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-68273/3

Matrix: Solid

Analysis Batch: 68273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04913		mg/Kg		98	66 - 142
Toluene	0.0500	0.05021		mg/Kg		100	74 - 130
Ethylbenzene	0.0500	0.05525		mg/Kg		111	80 - 130
m,p-Xylenes	0.0500	0.05836		mg/Kg		117	78 - 130
o-Xylene	0.0500	0.05424		mg/Kg		108	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		56 - 150
4-Bromofluorobenzene (Surr)	107		68 - 152
Dibromofluoromethane (Surr)	99		53 - 142
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 860-68273/4

Matrix: Solid

Analysis Batch: 68273

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04875		mg/Kg		98	66 - 142	1	25
Toluene	0.0500	0.04975		mg/Kg		100	74 - 130	1	25
Ethylbenzene	0.0500	0.05484		mg/Kg		110	80 - 130	1	25
m,p-Xylenes	0.0500	0.05787		mg/Kg		116	78 - 130	1	25
o-Xylene	0.0500	0.05270		mg/Kg		105	79 - 130	3	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		56 - 150
4-Bromofluorobenzene (Surr)	107		68 - 152
Dibromofluoromethane (Surr)	98		53 - 142
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: 880-18626-6 MS

Matrix: Solid

Analysis Batch: 68350

Client Sample ID: BH-6 @ 1.5

Prep Type: Total/NA

Prep Batch: 68311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00101	U	0.0498	0.03852		mg/Kg		77	71 - 119
Toluene	<0.00505	U	0.0498	0.03866		mg/Kg		78	74 - 122
Ethylbenzene	<0.00101	U	0.0498	0.03972		mg/Kg		80	80 - 123
m,p-Xylenes	<0.00202	U F1	0.0498	0.03843	F1	mg/Kg		77	78 - 127
o-Xylene	<0.00101	U	0.0498	0.03952		mg/Kg		79	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		56 - 150
4-Bromofluorobenzene (Surr)	99		68 - 152
Dibromofluoromethane (Surr)	101		53 - 142
Toluene-d8 (Surr)	99		70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 880-18626-25 MS

Matrix: Solid

Analysis Batch: 68352

Client Sample ID: BH-25 @ 3 ft

Prep Type: Total/NA

Prep Batch: 68311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00100	U	0.0504	0.04824		mg/Kg		96	71 - 119
Toluene	<0.00501	U	0.0504	0.04672		mg/Kg		93	74 - 122
Ethylbenzene	<0.00100	U	0.0504	0.04640		mg/Kg		92	80 - 123
m,p-Xylenes	<0.00200	U	0.0504	0.04429		mg/Kg		88	78 - 127
o-Xylene	<0.00100	U	0.0504	0.04558		mg/Kg		90	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 150
4-Bromofluorobenzene (Surr)	109		68 - 152
Dibromofluoromethane (Surr)	102		53 - 142
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: MB 860-68350/9

Matrix: Solid

Analysis Batch: 68350

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/09/22 02:43	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/09/22 02:43	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/09/22 02:43	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/09/22 02:43	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/09/22 02:43	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/09/22 02:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150		09/09/22 02:43	1
4-Bromofluorobenzene (Surr)	96		68 - 152		09/09/22 02:43	1
Dibromofluoromethane (Surr)	99		53 - 142		09/09/22 02:43	1
Toluene-d8 (Surr)	98		70 - 130		09/09/22 02:43	1

Lab Sample ID: LCS 860-68350/30

Matrix: Solid

Analysis Batch: 68350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04522		mg/Kg		90	66 - 142
Toluene	0.0500	0.04569		mg/Kg		91	74 - 130
Ethylbenzene	0.0500	0.04692		mg/Kg		94	80 - 130
m,p-Xylenes	0.0500	0.04574		mg/Kg		91	78 - 130
o-Xylene	0.0500	0.04683		mg/Kg		94	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		56 - 150
4-Bromofluorobenzene (Surr)	94		68 - 152
Dibromofluoromethane (Surr)	101		53 - 142
Toluene-d8 (Surr)	99		70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-68350/4

Matrix: Solid

Analysis Batch: 68350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04948		mg/Kg		99	66 - 142	9	25
Toluene	0.0500	0.04876		mg/Kg		98	74 - 130	6	25
Ethylbenzene	0.0500	0.05039		mg/Kg		101	80 - 130	7	25
m,p-Xylenes	0.0500	0.04970		mg/Kg		99	78 - 130	8	25
o-Xylene	0.0500	0.05213		mg/Kg		104	79 - 130	11	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		56 - 150
4-Bromofluorobenzene (Surr)	95		68 - 152
Dibromofluoromethane (Surr)	101		53 - 142
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 860-68352/9

Matrix: Solid

Analysis Batch: 68352

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/09/22 04:28	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/09/22 04:28	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/09/22 04:28	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/09/22 04:28	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/09/22 04:28	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/09/22 04:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150		09/09/22 04:28	1
4-Bromofluorobenzene (Surr)	97		68 - 152		09/09/22 04:28	1
Dibromofluoromethane (Surr)	99		53 - 142		09/09/22 04:28	1
Toluene-d8 (Surr)	93		70 - 130		09/09/22 04:28	1

Lab Sample ID: LCS 860-68352/3

Matrix: Solid

Analysis Batch: 68352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05107		mg/Kg		102	66 - 142
Toluene	0.0500	0.04736		mg/Kg		95	74 - 130
Ethylbenzene	0.0500	0.04915		mg/Kg		98	80 - 130
m,p-Xylenes	0.0500	0.04791		mg/Kg		96	78 - 130
o-Xylene	0.0500	0.05013		mg/Kg		100	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 150
4-Bromofluorobenzene (Surr)	96		68 - 152
Dibromofluoromethane (Surr)	97		53 - 142
Toluene-d8 (Surr)	93		70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-68352/4

Matrix: Solid

Analysis Batch: 68352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04904		mg/Kg		98	66 - 142	4	25
Toluene	0.0500	0.04447		mg/Kg		89	74 - 130	6	25
Ethylbenzene	0.0500	0.04616		mg/Kg		92	80 - 130	6	25
m,p-Xylenes	0.0500	0.04457		mg/Kg		89	78 - 130	7	25
o-Xylene	0.0500	0.04629		mg/Kg		93	79 - 130	8	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		56 - 150
4-Bromofluorobenzene (Surr)	96		68 - 152
Dibromofluoromethane (Surr)	102		53 - 142
Toluene-d8 (Surr)	91		70 - 130

Lab Sample ID: MB 860-68388/8

Matrix: Solid

Analysis Batch: 68388

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/09/22 12:34	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/09/22 12:34	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/09/22 12:34	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/09/22 12:34	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/09/22 12:34	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/09/22 12:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		56 - 150		09/09/22 12:34	1
4-Bromofluorobenzene (Surr)	117		68 - 152		09/09/22 12:34	1
Dibromofluoromethane (Surr)	86		53 - 142		09/09/22 12:34	1
Toluene-d8 (Surr)	104		70 - 130		09/09/22 12:34	1

Lab Sample ID: LCS 860-68388/3

Matrix: Solid

Analysis Batch: 68388

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04406		mg/Kg		88	66 - 142
Toluene	0.0500	0.04360		mg/Kg		87	74 - 130
Ethylbenzene	0.0500	0.04919		mg/Kg		98	80 - 130
m,p-Xylenes	0.0500	0.05137		mg/Kg		103	78 - 130
o-Xylene	0.0500	0.04762		mg/Kg		95	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		56 - 150
4-Bromofluorobenzene (Surr)	109		68 - 152
Dibromofluoromethane (Surr)	98		53 - 142
Toluene-d8 (Surr)	101		70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-68388/4

Matrix: Solid

Analysis Batch: 68388

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04714		mg/Kg		94	66 - 142	7	25
Toluene	0.0500	0.04944		mg/Kg		99	74 - 130	13	25
Ethylbenzene	0.0500	0.05475		mg/Kg		109	80 - 130	11	25
m,p-Xylenes	0.0500	0.05691		mg/Kg		114	78 - 130	10	25
o-Xylene	0.0500	0.05320		mg/Kg		106	79 - 130	11	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		56 - 150
4-Bromofluorobenzene (Surr)	108		68 - 152
Dibromofluoromethane (Surr)	92		53 - 142
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 860-32675-A-13-C MS

Matrix: Solid

Analysis Batch: 68388

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68417

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.192		5.05	4.306		mg/Kg		81	71 - 119
Toluene	2.63		5.05	6.410		mg/Kg		75	74 - 122
Ethylbenzene	4.53		5.05	8.675		mg/Kg		82	80 - 123
m,p-Xylenes	3.51		5.05	8.461		mg/Kg		98	78 - 127
o-Xylene	1.00		5.05	5.644		mg/Kg		92	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		56 - 150
4-Bromofluorobenzene (Surr)	121		68 - 152
Dibromofluoromethane (Surr)	97		53 - 142
Toluene-d8 (Surr)	144	S1+	70 - 130

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

Lab Sample ID: MB 880-33380/1-A

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33380

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		08/30/22 14:56	08/31/22 19:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 14:56	08/31/22 19:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 14:56	08/31/22 19:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	08/30/22 14:56	08/31/22 19:49	1
o-Terphenyl	98		70 - 130	08/30/22 14:56	08/31/22 19:49	1

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

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

Lab Sample ID: LCS 880-33380/2-A

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33380

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	808.5		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	899.9		mg/Kg		90	70 - 130		

Lab Sample ID: LCSD 880-33380/3-A

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33380

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	822.5		mg/Kg		82	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	890.5		mg/Kg		89	70 - 130	1	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	155	S1+	70 - 130								
o-Terphenyl	141	S1+	70 - 130								

Lab Sample ID: 880-18627-A-1-B MS

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 33380

	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	999	760.9		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	924.2		mg/Kg		91	70 - 130		
		</									

Lab Sample ID: 880-18627-A-1-C MSD

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 33380

	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	998	739.6		mg/Kg		71	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	940.8		mg/Kg		93	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	84		70 - 130								

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

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

Lab Sample ID: 880-18627-A-1-C MSD

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 33380

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	79		70 - 130

Lab Sample ID: MB 880-33381/1-A

Matrix: Solid

Analysis Batch: 33405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33381

	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		08/30/22 15:00	08/31/22 19:49	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	08/31/22 19:49	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 15:00	08/31/22 19:49	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	114		70 - 130				08/30/22 15:00	08/31/22 19:49	1	
<i>o</i> -Terphenyl	117		70 - 130				08/30/22 15:00	08/31/22 19:49	1	

Lab Sample ID: LCS 880-33381/2-A

Matrix: Solid

Analysis Batch: 33405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33381

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	871.1		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1007		mg/Kg		101	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	153	S1+	70 - 130							
<i>o</i> -Terphenyl	161	S1+	70 - 130							

Lab Sample ID: LCSD 880-33381/3-A

Matrix: Solid

Analysis Batch: 33405

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33381

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	851.9		mg/Kg		85	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	947.7		mg/Kg		95	70 - 130	6	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	145	S1+	70 - 130								
o-Terphenyl	151	S1+	70 - 130								

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

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

Lab Sample ID: 880-18626-1 MS

Matrix: Solid

Analysis Batch: 33405

Client Sample ID: BH-1 @ 1.5

Prep Type: Total/NA

Prep Batch: 33381

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 F1	999	486.8	F1	mg/Kg		47	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	719.6		mg/Kg		70	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	76		70 - 130						
o-Terphenyl	70		70 - 130						

Lab Sample ID: 880-18626-1 MSD

Matrix: Solid

Analysis Batch: 33405

Client Sample ID: BH-1 @ 1.5

Prep Type: Total/NA

Prep Batch: 33381

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 F1	998	559.8	F1	mg/Kg		54	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	774.9		mg/Kg		76	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	81		70 - 130								
o-Terphenyl	74		70 - 130								

Lab Sample ID: MB 880-33419/1-A

Matrix: Solid

Analysis Batch: 33497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33419

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		08/31/22 09:46	09/01/22 09:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 09:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:46	09/01/22 09:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/31/22 09:46	09/01/22 09:15	1
o-Terphenyl	110		70 - 130				08/31/22 09:46	09/01/22 09:15	1

Lab Sample ID: LCS 880-33419/2-A

Matrix: Solid

Analysis Batch: 33497

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1094		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1215		mg/Kg		122	70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

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

Lab Sample ID: LCS 880-33419/2-A

Matrix: Solid

Analysis Batch: 33497

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33419

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	176	S1+	70 - 130
o-Terphenyl	165	S1+	70 - 130

Lab Sample ID: LCSD 880-33419/3-A

Matrix: Solid

Analysis Batch: 33497

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33419

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	908.7		mg/Kg		91	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	155	S1+	70 - 130
o-Terphenyl	148	S1+	70 - 130

Lab Sample ID: 880-18626-21 MS

Matrix: Solid

Analysis Batch: 33497

Client Sample ID: BH-21 @ 3 ft

Prep Type: Total/NA

Prep Batch: 33419

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	999	941.3		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	967.7		mg/Kg		97	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	83		70 - 130

Lab Sample ID: 880-18626-21 MSD

Matrix: Solid

Analysis Batch: 33497

Client Sample ID: BH-21 @ 3 ft

Prep Type: Total/NA

Prep Batch: 33419

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	998	882.3		mg/Kg		88	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	963.0		mg/Kg		96	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	79		70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

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

Lab Sample ID: MB 880-33421/1-A

Matrix: Solid

Analysis Batch: 33499

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33421

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		08/31/22 09:49	09/01/22 09:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 09:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/31/22 09:49	09/01/22 09:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/31/22 09:49	09/01/22 09:15	1
o-Terphenyl	117		70 - 130				08/31/22 09:49	09/01/22 09:15	1

Lab Sample ID: LCS 880-33421/2-A

Matrix: Solid

Analysis Batch: 33499

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33421

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	846.4		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	195	S1+	70 - 130				
o-Terphenyl	191	S1+	70 - 130				

Lab Sample ID: LCSD 880-33421/3-A

Matrix: Solid

Analysis Batch: 33499

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33421

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	952.4		mg/Kg		95	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1119		mg/Kg		112	70 - 130	10	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	177	S1+	70 - 130						
o-Terphenyl	171	S1+	70 - 130						

Lab Sample ID: 880-18626-41 MS

Matrix: Solid

Analysis Batch: 33499

Client Sample ID: WW-4 @ 1.5

Prep Type: Total/NA

Prep Batch: 33421

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 F1	999	654.1	F1	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	935.3		mg/Kg		89	70 - 130

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

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

Lab Sample ID: 880-18626-41 MS

Matrix: Solid

Analysis Batch: 33499

Client Sample ID: WW-4 @ 1.5

Prep Type: Total/NA

Prep Batch: 33421

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-18626-41 MSD

Matrix: Solid

Analysis Batch: 33499

Client Sample ID: WW-4 @ 1.5

Prep Type: Total/NA

Prep Batch: 33421

	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 F1	998	731.2		mg/Kg		70	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	964.1		mg/Kg		92	70 - 130	3	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	85		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-33460/1-A

Matrix: Solid

Analysis Batch: 33555

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			09/06/22 00:34	1	

Lab Sample ID: LCS 880-33460/2-A

Matrix: Solid

Analysis Batch: 33555

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	273.3		mg/Kg		109	90 - 110			

Lab Sample ID: LCSD 880-33460/3-A

Matrix: Solid

Analysis Batch: 33555

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	274.6		mg/Kg		110	90 - 110	0	20	

Lab Sample ID: 880-18626-1 MS

Matrix: Solid

Analysis Batch: 33555

Client Sample ID: BH-1 @ 1.5

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	11.9	F1	249	303.0	F1	mg/Kg		117	90 - 110		

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-18626-1 MSD

Matrix: Solid

Analysis Batch: 33555

Client Sample ID: BH-1 @ 1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.9	F1	249	303.1	F1	mg/Kg		117	90 - 110	0	20

Lab Sample ID: 880-18626-11 MS

Matrix: Solid

Analysis Batch: 33555

Client Sample ID: BH-11 @ 1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	13.5	F1	251	302.8	F1	mg/Kg		115	90 - 110		

Lab Sample ID: 880-18626-11 MSD

Matrix: Solid

Analysis Batch: 33555

Client Sample ID: BH-11 @ 1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.5	F1	251	304.9	F1	mg/Kg		116	90 - 110	1	20

Lab Sample ID: MB 880-33461/1-A

Matrix: Solid

Analysis Batch: 33556

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			09/03/22 23:07	1

Lab Sample ID: LCS 880-33461/2-A

Matrix: Solid

Analysis Batch: 33556

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	260.9		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-33461/3-A

Matrix: Solid

Analysis Batch: 33556

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	260.5		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-18626-21 MS

Matrix: Solid

Analysis Batch: 33556

Client Sample ID: BH-21 @ 3 ft

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	10.3		251	286.3		mg/Kg		110	90 - 110		

Lab Sample ID: 880-18626-21 MSD

Matrix: Solid

Analysis Batch: 33556

Client Sample ID: BH-21 @ 3 ft

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.3		251	282.1		mg/Kg		108	90 - 110	1	20

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-18626-31 MS

Matrix: Solid

Analysis Batch: 33556

Client Sample ID: BH-31 @ 3 ft

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.3		251	286.4		mg/Kg		110	90 - 110

Lab Sample ID: 880-18626-31 MSD

Matrix: Solid

Analysis Batch: 33556

Client Sample ID: BH-31 @ 3 ft

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.3		251	280.3		mg/Kg		108	90 - 110	2	20

Lab Sample ID: MB 880-33462/1-A

Matrix: Solid

Analysis Batch: 33558

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			09/04/22 04:30	1

Lab Sample ID: LCS 880-33462/2-A

Matrix: Solid

Analysis Batch: 33558

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 880-33462/3-A

Matrix: Solid

Analysis Batch: 33558

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	262.1		mg/Kg		105	90 - 110	2	20

Lab Sample ID: 880-18626-41 MS

Matrix: Solid

Analysis Batch: 33558

Client Sample ID: WW-4 @ 1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.8		251	274.6		mg/Kg		105	90 - 110

Lab Sample ID: 880-18626-41 MSD

Matrix: Solid

Analysis Batch: 33558

Client Sample ID: WW-4 @ 1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.8		251	274.9		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-18626-51 MS

Matrix: Solid

Analysis Batch: 33558

Client Sample ID: NW-4 @ 1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.3		250	281.6		mg/Kg		109	90 - 110

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-18626-51 MSD							Client Sample ID: NW-4 @ 1.5					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 33558												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	10.3		250	277.4		mg/Kg		107	90 - 110	2	20	

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC/MS VOA

Prep Batch: 68099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-32675-A-5-A MS	Matrix Spike	Total/NA	Solid	5030C	

Analysis Batch: 68208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-26	BH-26 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-27	BH-27 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-28	BH-28 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-29	BH-29 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-30	BH-30 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-31	BH-31 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-32	BH-32 @ 4.5	Total/NA	Solid	8260C	68311
880-18626-33	BH-33 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-34	BH-34 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-35	BH-35 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-36	BH-36 @ 3 ft	Total/NA	Solid	8260C	68311
MB 860-68208/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-68208/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-68208/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
820-5624-A-1-J MS	Matrix Spike	Total/NA	Solid	8260C	68269

Analysis Batch: 68210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-40	EW-3 @ 8 in	Total/NA	Solid	8260C	68311
880-18626-41	VW-4 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-42	EW-5 @ 8 in	Total/NA	Solid	8260C	68311
880-18626-43	VW-2 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-44	SW-2 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-45	EW-4 @ 8 in	Total/NA	Solid	8260C	68311
880-18626-46	EW-1 @ 8 in	Total/NA	Solid	8260C	68311
880-18626-47	NW-3 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-48	SW-1 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-49	NW-1 @ 8 in	Total/NA	Solid	8260C	68311
880-18626-51	NW-4 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-52	NW-2 @ 8"	Total/NA	Solid	8260C	68311
MB 860-68210/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-68210/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-68210/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 68265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-39	NW-5 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-53	VW-1 @ 8"	Total/NA	Solid	8260C	68311
880-18626-60	NW-6 @ 2.5"	Total/NA	Solid	8260C	68311
MB 860-68265/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-68265/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-68265/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Prep Batch: 68269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-5624-A-1-J MS	Matrix Spike	Total/NA	Solid	5035	

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QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC/MS VOA

Analysis Batch: 68273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-1	BH-1 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-2	BH-2 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-3	BH-3 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-4	BH-4 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-5	BH-5 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-7	BH-7 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-8	BH-8 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-9	BH-9 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-10	BH-10 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-11	BH-11 @ 1.5	Total/NA	Solid	8260C	68311
MB 860-68273/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-68273/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-68273/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
860-32675-A-5-A MS	Matrix Spike	Total/NA	Solid	8260C	68099

Prep Batch: 68311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-1	BH-1 @ 1.5	Total/NA	Solid	5035	
880-18626-2	BH-2 @ 1.5	Total/NA	Solid	5035	
880-18626-3	BH-3 @ 1.5	Total/NA	Solid	5035	
880-18626-4	BH-4 @ 1.5	Total/NA	Solid	5035	
880-18626-5	BH-5 @ 1.5	Total/NA	Solid	5035	
880-18626-6	BH-6 @ 1.5	Total/NA	Solid	5035	
880-18626-7	BH-7 @ 1.5	Total/NA	Solid	5035	
880-18626-8	BH-8 @ 1.5	Total/NA	Solid	5035	
880-18626-9	BH-9 @ 1.5	Total/NA	Solid	5035	
880-18626-10	BH-10 @ 1.5	Total/NA	Solid	5035	
880-18626-11	BH-11 @ 1.5	Total/NA	Solid	5035	
880-18626-12	BH-12 @ 1.5	Total/NA	Solid	5035	
880-18626-13	BH-13 @ 1.5	Total/NA	Solid	5035	
880-18626-14	BH-14 @ 1.5	Total/NA	Solid	5035	
880-18626-15	BH-15 @ 1.5	Total/NA	Solid	5035	
880-18626-16	BH-16 @ 3 ft	Total/NA	Solid	5035	
880-18626-17	BH-17 @ 3 ft	Total/NA	Solid	5035	
880-18626-18	BH-18 @ 3 ft	Total/NA	Solid	5035	
880-18626-19	BH-19 @ 3 ft	Total/NA	Solid	5035	
880-18626-20	BH-20 @ 3 ft	Total/NA	Solid	5035	
880-18626-21	BH-21 @ 3 ft	Total/NA	Solid	5035	
880-18626-22	BH-22 @ 3 ft	Total/NA	Solid	5035	
880-18626-23	BH-23 @ 3 ft	Total/NA	Solid	5035	
880-18626-24	BH-24 @ 3 ft	Total/NA	Solid	5035	
880-18626-25	BH-25 @ 3 ft	Total/NA	Solid	5035	
880-18626-26	BH-26 @ 3 ft	Total/NA	Solid	5035	
880-18626-27	BH-27 @ 3 ft	Total/NA	Solid	5035	
880-18626-28	BH-28 @ 3 ft	Total/NA	Solid	5035	
880-18626-29	BH-29 @ 3 ft	Total/NA	Solid	5035	
880-18626-30	BH-30 @ 3 ft	Total/NA	Solid	5035	
880-18626-31	BH-31 @ 3 ft	Total/NA	Solid	5035	
880-18626-32	BH-32 @ 4.5	Total/NA	Solid	5035	
880-18626-33	BH-33 @ 1.5	Total/NA	Solid	5035	
880-18626-34	BH-34 @ 3 ft	Total/NA	Solid	5035	

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QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC/MS VOA (Continued)

Prep Batch: 68311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-35	BH-35 @ 3 ft	Total/NA	Solid	5035	
880-18626-36	BH-36 @ 3 ft	Total/NA	Solid	5035	
880-18626-39	NW-5 @ 1.5	Total/NA	Solid	5035	
880-18626-40	EW-3 @ 8 in	Total/NA	Solid	5035	
880-18626-41	WW-4 @ 1.5	Total/NA	Solid	5035	
880-18626-42	EW-5 @ 8 in	Total/NA	Solid	5035	
880-18626-43	WW-2 @ 1.5	Total/NA	Solid	5035	
880-18626-44	SW-2 @ 1.5	Total/NA	Solid	5035	
880-18626-45	EW-4 @ 8 in	Total/NA	Solid	5035	
880-18626-46	EW-1 @ 8 in	Total/NA	Solid	5035	
880-18626-47	NW-3 @ 1.5	Total/NA	Solid	5035	
880-18626-48	SW-1 @ 1.5	Total/NA	Solid	5035	
880-18626-49	NW-1 @ 8 in	Total/NA	Solid	5035	
880-18626-51	NW-4 @ 1.5	Total/NA	Solid	5035	
880-18626-52	NW-2 @ 8"	Total/NA	Solid	5035	
880-18626-53	WW-1 @ 8"	Total/NA	Solid	5035	
880-18626-54	WW-3 @ 1.5	Total/NA	Solid	5035	
880-18626-55	SW-4 @ 8 in	Total/NA	Solid	5035	
880-18626-56	WC	Total/NA	Solid	5035	
880-18626-57	WW-5 @ 2.5	Total/NA	Solid	5035	
880-18626-58	SW-5 @ 2.5	Total/NA	Solid	5035	
880-18626-59	EW-6 @ 2.5	Total/NA	Solid	5035	
880-18626-60	NW-6 @ 2.5"	Total/NA	Solid	5035	
880-18626-6 MS	BH-6 @ 1.5	Total/NA	Solid	5035	
880-18626-25 MS	BH-25 @ 3 ft	Total/NA	Solid	5035	

Analysis Batch: 68350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-6	BH-6 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-12	BH-12 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-13	BH-13 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-14	BH-14 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-15	BH-15 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-16	BH-16 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-17	BH-17 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-18	BH-18 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-19	BH-19 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-20	BH-20 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-21	BH-21 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-22	BH-22 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-23	BH-23 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-24	BH-24 @ 3 ft	Total/NA	Solid	8260C	68311
880-18626-54	WW-3 @ 1.5	Total/NA	Solid	8260C	68311
880-18626-55	SW-4 @ 8 in	Total/NA	Solid	8260C	68311
880-18626-56	WC	Total/NA	Solid	8260C	68311
880-18626-57	WW-5 @ 2.5	Total/NA	Solid	8260C	68311
880-18626-58	SW-5 @ 2.5	Total/NA	Solid	8260C	68311
880-18626-59	EW-6 @ 2.5	Total/NA	Solid	8260C	68311
MB 860-68350/9	Method Blank	Total/NA	Solid	8260C	
LCS 860-68350/30	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-68350/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

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QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC/MS VOA (Continued)

Analysis Batch: 68350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-6 MS	BH-6 @ 1.5	Total/NA	Solid	8260C	68311

Analysis Batch: 68352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-25	BH-25 @ 3 ft	Total/NA	Solid	8260C	68311
MB 860-68352/9	Method Blank	Total/NA	Solid	8260C	
LCS 860-68352/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-68352/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
880-18626-25 MS	BH-25 @ 3 ft	Total/NA	Solid	8260C	68311

Analysis Batch: 68388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-37	BH-37 @ 3 ft	Total/NA	Solid	8260C	68481
880-18626-38	EW-2 @ 1.5	Total/NA	Solid	8260C	68481
880-18626-50	SW-3 @ 8 in	Total/NA	Solid	8260C	68481
MB 860-68388/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-68388/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-68388/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
860-32675-A-13-C MS	Matrix Spike	Total/NA	Solid	8260C	68417

Prep Batch: 68417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-32675-A-13-C MS	Matrix Spike	Total/NA	Solid	5030C	

Prep Batch: 68481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-37	BH-37 @ 3 ft	Total/NA	Solid	5035	
880-18626-38	EW-2 @ 1.5	Total/NA	Solid	5035	
880-18626-50	SW-3 @ 8 in	Total/NA	Solid	5035	

Analysis Batch: 68525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-1	BH-1 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-2	BH-2 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-3	BH-3 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-4	BH-4 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-5	BH-5 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-6	BH-6 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-7	BH-7 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-8	BH-8 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-9	BH-9 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-10	BH-10 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-11	BH-11 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-12	BH-12 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-13	BH-13 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-14	BH-14 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-15	BH-15 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-16	BH-16 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-17	BH-17 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-18	BH-18 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-19	BH-19 @ 3 ft	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC/MS VOA (Continued)

Analysis Batch: 68525 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-20	BH-20 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-21	BH-21 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-22	BH-22 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-23	BH-23 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-24	BH-24 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-25	BH-25 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-26	BH-26 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-27	BH-27 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-28	BH-28 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-29	BH-29 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-30	BH-30 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-31	BH-31 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-32	BH-32 @ 4.5	Total/NA	Solid	Total BTEX	
880-18626-33	BH-33 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-34	BH-34 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-35	BH-35 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-36	BH-36 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-37	BH-37 @ 3 ft	Total/NA	Solid	Total BTEX	
880-18626-38	EW-2 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-39	NW-5 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-40	EW-3 @ 8 in	Total/NA	Solid	Total BTEX	
880-18626-41	WW-4 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-42	EW-5 @ 8 in	Total/NA	Solid	Total BTEX	
880-18626-43	WW-2 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-44	SW-2 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-45	EW-4 @ 8 in	Total/NA	Solid	Total BTEX	
880-18626-46	EW-1 @ 8 in	Total/NA	Solid	Total BTEX	
880-18626-47	NW-3 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-48	SW-1 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-49	NW-1 @ 8 in	Total/NA	Solid	Total BTEX	
880-18626-50	SW-3 @ 8 in	Total/NA	Solid	Total BTEX	
880-18626-51	NW-4 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-52	NW-2 @ 8"	Total/NA	Solid	Total BTEX	
880-18626-53	WW-1 @ 8"	Total/NA	Solid	Total BTEX	
880-18626-54	WW-3 @ 1.5	Total/NA	Solid	Total BTEX	
880-18626-55	SW-4 @ 8 in	Total/NA	Solid	Total BTEX	
880-18626-56	WC	Total/NA	Solid	Total BTEX	
880-18626-57	WW-5 @ 2.5	Total/NA	Solid	Total BTEX	
880-18626-58	SW-5 @ 2.5	Total/NA	Solid	Total BTEX	
880-18626-59	EW-6 @ 2.5	Total/NA	Solid	Total BTEX	
880-18626-60	NW-6 @ 2.5"	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 33380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-57	WW-5 @ 2.5	Total/NA	Solid	8015NM Prep	
880-18626-58	SW-5 @ 2.5	Total/NA	Solid	8015NM Prep	
880-18626-59	EW-6 @ 2.5	Total/NA	Solid	8015NM Prep	
880-18626-60	NW-6 @ 2.5"	Total/NA	Solid	8015NM Prep	
MB 880-33380/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC Semi VOA (Continued)

Prep Batch: 33380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-33380/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33380/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18627-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18627-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 33381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-1	BH-1 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-2	BH-2 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-3	BH-3 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-4	BH-4 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-5	BH-5 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-6	BH-6 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-7	BH-7 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-8	BH-8 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-9	BH-9 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-10	BH-10 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-11	BH-11 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-12	BH-12 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-13	BH-13 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-14	BH-14 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-15	BH-15 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-16	BH-16 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-17	BH-17 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-18	BH-18 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-19	BH-19 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-20	BH-20 @ 3 ft	Total/NA	Solid	8015NM Prep	
MB 880-33381/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33381/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33381/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18626-1 MS	BH-1 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-1 MSD	BH-1 @ 1.5	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-57	WW-5 @ 2.5	Total/NA	Solid	8015B NM	33380
880-18626-58	SW-5 @ 2.5	Total/NA	Solid	8015B NM	33380
880-18626-59	EW-6 @ 2.5	Total/NA	Solid	8015B NM	33380
880-18626-60	NW-6 @ 2.5"	Total/NA	Solid	8015B NM	33380
MB 880-33380/1-A	Method Blank	Total/NA	Solid	8015B NM	33380
LCS 880-33380/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33380
LCSD 880-33380/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33380
880-18627-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	33380
880-18627-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	33380

Analysis Batch: 33405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-1	BH-1 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-2	BH-2 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-3	BH-3 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-4	BH-4 @ 1.5	Total/NA	Solid	8015B NM	33381

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC Semi VOA (Continued)

Analysis Batch: 33405 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-5	BH-5 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-6	BH-6 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-7	BH-7 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-8	BH-8 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-9	BH-9 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-10	BH-10 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-11	BH-11 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-12	BH-12 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-13	BH-13 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-14	BH-14 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-15	BH-15 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-16	BH-16 @ 3 ft	Total/NA	Solid	8015B NM	33381
880-18626-17	BH-17 @ 3 ft	Total/NA	Solid	8015B NM	33381
880-18626-18	BH-18 @ 3 ft	Total/NA	Solid	8015B NM	33381
880-18626-19	BH-19 @ 3 ft	Total/NA	Solid	8015B NM	33381
880-18626-20	BH-20 @ 3 ft	Total/NA	Solid	8015B NM	33381
MB 880-33381/1-A	Method Blank	Total/NA	Solid	8015B NM	33381
LCS 880-33381/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33381
LCSD 880-33381/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33381
880-18626-1 MS	BH-1 @ 1.5	Total/NA	Solid	8015B NM	33381
880-18626-1 MSD	BH-1 @ 1.5	Total/NA	Solid	8015B NM	33381

Prep Batch: 33419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-21	BH-21 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-22	BH-22 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-23	BH-23 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-24	BH-24 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-25	BH-25 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-26	BH-26 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-27	BH-27 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-28	BH-28 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-29	BH-29 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-30	BH-30 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-31	BH-31 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-32	BH-32 @ 4.5	Total/NA	Solid	8015NM Prep	
880-18626-33	BH-33 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-34	BH-34 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-35	BH-35 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-36	BH-36 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-37	BH-37 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-38	EW-2 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-39	NW-5 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-40	EW-3 @ 8 in	Total/NA	Solid	8015NM Prep	
MB 880-33419/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33419/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33419/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18626-21 MS	BH-21 @ 3 ft	Total/NA	Solid	8015NM Prep	
880-18626-21 MSD	BH-21 @ 3 ft	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC Semi VOA

Prep Batch: 33421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-41	WW-4 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-42	EW-5 @ 8 in	Total/NA	Solid	8015NM Prep	
880-18626-43	WW-2 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-44	SW-2 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-45	EW-4 @ 8 in	Total/NA	Solid	8015NM Prep	
880-18626-46	EW-1 @ 8 in	Total/NA	Solid	8015NM Prep	
880-18626-47	NW-3 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-48	SW-1 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-49	NW-1 @ 8 in	Total/NA	Solid	8015NM Prep	
880-18626-50	SW-3 @ 8 in	Total/NA	Solid	8015NM Prep	
880-18626-51	NW-4 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-52	NW-2 @ 8"	Total/NA	Solid	8015NM Prep	
880-18626-53	WW-1 @ 8"	Total/NA	Solid	8015NM Prep	
880-18626-54	WW-3 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-55	SW-4 @ 8 in	Total/NA	Solid	8015NM Prep	
880-18626-56	WC	Total/NA	Solid	8015NM Prep	
MB 880-33421/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33421/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18626-41 MS	WW-4 @ 1.5	Total/NA	Solid	8015NM Prep	
880-18626-41 MSD	WW-4 @ 1.5	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-21	BH-21 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-22	BH-22 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-23	BH-23 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-24	BH-24 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-25	BH-25 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-26	BH-26 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-27	BH-27 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-28	BH-28 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-29	BH-29 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-30	BH-30 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-31	BH-31 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-32	BH-32 @ 4.5	Total/NA	Solid	8015B NM	33419
880-18626-33	BH-33 @ 1.5	Total/NA	Solid	8015B NM	33419
880-18626-34	BH-34 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-35	BH-35 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-36	BH-36 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-37	BH-37 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-38	EW-2 @ 1.5	Total/NA	Solid	8015B NM	33419
880-18626-39	NW-5 @ 1.5	Total/NA	Solid	8015B NM	33419
880-18626-40	EW-3 @ 8 in	Total/NA	Solid	8015B NM	33419
MB 880-33419/1-A	Method Blank	Total/NA	Solid	8015B NM	33419
LCS 880-33419/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33419
LCSD 880-33419/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33419
880-18626-21 MS	BH-21 @ 3 ft	Total/NA	Solid	8015B NM	33419
880-18626-21 MSD	BH-21 @ 3 ft	Total/NA	Solid	8015B NM	33419

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC Semi VOA

Analysis Batch: 33499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-41	WW-4 @ 1.5	Total/NA	Solid	8015B NM	33421
880-18626-42	EW-5 @ 8 in	Total/NA	Solid	8015B NM	33421
880-18626-43	WW-2 @ 1.5	Total/NA	Solid	8015B NM	33421
880-18626-44	SW-2 @ 1.5	Total/NA	Solid	8015B NM	33421
880-18626-45	EW-4 @ 8 in	Total/NA	Solid	8015B NM	33421
880-18626-46	EW-1 @ 8 in	Total/NA	Solid	8015B NM	33421
880-18626-47	NW-3 @ 1.5	Total/NA	Solid	8015B NM	33421
880-18626-48	SW-1 @ 1.5	Total/NA	Solid	8015B NM	33421
880-18626-49	NW-1 @ 8 in	Total/NA	Solid	8015B NM	33421
880-18626-50	SW-3 @ 8 in	Total/NA	Solid	8015B NM	33421
880-18626-51	NW-4 @ 1.5	Total/NA	Solid	8015B NM	33421
880-18626-52	NW-2 @ 8"	Total/NA	Solid	8015B NM	33421
880-18626-53	WW-1 @ 8"	Total/NA	Solid	8015B NM	33421
880-18626-54	WW-3 @ 1.5	Total/NA	Solid	8015B NM	33421
880-18626-55	SW-4 @ 8 in	Total/NA	Solid	8015B NM	33421
880-18626-56	WC	Total/NA	Solid	8015B NM	33421
MB 880-33421/1-A	Method Blank	Total/NA	Solid	8015B NM	33421
LCS 880-33421/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33421
LCSD 880-33421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33421
880-18626-41 MS	WW-4 @ 1.5	Total/NA	Solid	8015B NM	33421
880-18626-41 MSD	WW-4 @ 1.5	Total/NA	Solid	8015B NM	33421

Analysis Batch: 33538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-1	BH-1 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-2	BH-2 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-3	BH-3 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-4	BH-4 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-5	BH-5 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-6	BH-6 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-7	BH-7 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-8	BH-8 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-9	BH-9 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-10	BH-10 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-11	BH-11 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-12	BH-12 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-13	BH-13 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-14	BH-14 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-15	BH-15 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-16	BH-16 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-17	BH-17 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-18	BH-18 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-19	BH-19 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-20	BH-20 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-21	BH-21 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-22	BH-22 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-23	BH-23 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-24	BH-24 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-25	BH-25 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-26	BH-26 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-27	BH-27 @ 3 ft	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

GC Semi VOA (Continued)

Analysis Batch: 33538 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-28	BH-28 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-29	BH-29 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-30	BH-30 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-31	BH-31 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-32	BH-32 @ 4.5	Total/NA	Solid	8015 NM	
880-18626-33	BH-33 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-34	BH-34 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-35	BH-35 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-36	BH-36 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-37	BH-37 @ 3 ft	Total/NA	Solid	8015 NM	
880-18626-38	EW-2 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-39	NW-5 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-40	EW-3 @ 8 in	Total/NA	Solid	8015 NM	
880-18626-41	WW-4 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-42	EW-5 @ 8 in	Total/NA	Solid	8015 NM	
880-18626-43	WW-2 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-44	SW-2 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-45	EW-4 @ 8 in	Total/NA	Solid	8015 NM	
880-18626-46	EW-1 @ 8 in	Total/NA	Solid	8015 NM	
880-18626-47	NW-3 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-48	SW-1 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-49	NW-1 @ 8 in	Total/NA	Solid	8015 NM	
880-18626-50	SW-3 @ 8 in	Total/NA	Solid	8015 NM	
880-18626-51	NW-4 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-52	NW-2 @ 8"	Total/NA	Solid	8015 NM	
880-18626-53	WW-1 @ 8"	Total/NA	Solid	8015 NM	
880-18626-54	WW-3 @ 1.5	Total/NA	Solid	8015 NM	
880-18626-55	SW-4 @ 8 in	Total/NA	Solid	8015 NM	
880-18626-56	WC	Total/NA	Solid	8015 NM	
880-18626-57	WW-5 @ 2.5	Total/NA	Solid	8015 NM	
880-18626-58	SW-5 @ 2.5	Total/NA	Solid	8015 NM	
880-18626-59	EW-6 @ 2.5	Total/NA	Solid	8015 NM	
880-18626-60	NW-6 @ 2.5"	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 33460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-1	BH-1 @ 1.5	Soluble	Solid	DI Leach	
880-18626-2	BH-2 @ 1.5	Soluble	Solid	DI Leach	
880-18626-3	BH-3 @ 1.5	Soluble	Solid	DI Leach	
880-18626-4	BH-4 @ 1.5	Soluble	Solid	DI Leach	
880-18626-5	BH-5 @ 1.5	Soluble	Solid	DI Leach	
880-18626-6	BH-6 @ 1.5	Soluble	Solid	DI Leach	
880-18626-7	BH-7 @ 1.5	Soluble	Solid	DI Leach	
880-18626-8	BH-8 @ 1.5	Soluble	Solid	DI Leach	
880-18626-9	BH-9 @ 1.5	Soluble	Solid	DI Leach	
880-18626-10	BH-10 @ 1.5	Soluble	Solid	DI Leach	
880-18626-11	BH-11 @ 1.5	Soluble	Solid	DI Leach	
880-18626-12	BH-12 @ 1.5	Soluble	Solid	DI Leach	
880-18626-13	BH-13 @ 1.5	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

HPLC/IC (Continued)

Leach Batch: 33460 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-14	BH-14 @ 1.5	Soluble	Solid	DI Leach	
880-18626-15	BH-15 @ 1.5	Soluble	Solid	DI Leach	
880-18626-16	BH-16 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-17	BH-17 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-18	BH-18 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-19	BH-19 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-20	BH-20 @ 3 ft	Soluble	Solid	DI Leach	
MB 880-33460/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33460/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33460/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18626-1 MS	BH-1 @ 1.5	Soluble	Solid	DI Leach	
880-18626-1 MSD	BH-1 @ 1.5	Soluble	Solid	DI Leach	
880-18626-11 MS	BH-11 @ 1.5	Soluble	Solid	DI Leach	
880-18626-11 MSD	BH-11 @ 1.5	Soluble	Solid	DI Leach	

Leach Batch: 33461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-21	BH-21 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-22	BH-22 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-23	BH-23 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-24	BH-24 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-25	BH-25 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-26	BH-26 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-27	BH-27 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-28	BH-28 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-29	BH-29 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-30	BH-30 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-31	BH-31 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-32	BH-32 @ 4.5	Soluble	Solid	DI Leach	
880-18626-33	BH-33 @ 1.5	Soluble	Solid	DI Leach	
880-18626-34	BH-34 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-35	BH-35 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-36	BH-36 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-37	BH-37 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-38	EW-2 @ 1.5	Soluble	Solid	DI Leach	
880-18626-39	NW-5 @ 1.5	Soluble	Solid	DI Leach	
880-18626-40	EW-3 @ 8 in	Soluble	Solid	DI Leach	
MB 880-33461/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33461/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33461/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18626-21 MS	BH-21 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-21 MSD	BH-21 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-31 MS	BH-31 @ 3 ft	Soluble	Solid	DI Leach	
880-18626-31 MSD	BH-31 @ 3 ft	Soluble	Solid	DI Leach	

Leach Batch: 33462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-41	WW-4 @ 1.5	Soluble	Solid	DI Leach	
880-18626-42	EW-5 @ 8 in	Soluble	Solid	DI Leach	
880-18626-43	WW-2 @ 1.5	Soluble	Solid	DI Leach	
880-18626-44	SW-2 @ 1.5	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

HPLC/IC (Continued)

Leach Batch: 33462 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-45	EW-4 @ 8 in	Soluble	Solid	DI Leach	
880-18626-46	EW-1 @ 8 in	Soluble	Solid	DI Leach	
880-18626-47	NW-3 @ 1.5	Soluble	Solid	DI Leach	
880-18626-48	SW-1 @ 1.5	Soluble	Solid	DI Leach	
880-18626-49	NW-1 @ 8 in	Soluble	Solid	DI Leach	
880-18626-50	SW-3 @ 8 in	Soluble	Solid	DI Leach	
880-18626-51	NW-4 @ 1.5	Soluble	Solid	DI Leach	
880-18626-52	NW-2 @ 8"	Soluble	Solid	DI Leach	
880-18626-53	WW-1 @ 8"	Soluble	Solid	DI Leach	
880-18626-54	WW-3 @ 1.5	Soluble	Solid	DI Leach	
880-18626-55	SW-4 @ 8 in	Soluble	Solid	DI Leach	
880-18626-56	WC	Soluble	Solid	DI Leach	
880-18626-57	WW-5 @ 2.5	Soluble	Solid	DI Leach	
880-18626-58	SW-5 @ 2.5	Soluble	Solid	DI Leach	
880-18626-59	EW-6 @ 2.5	Soluble	Solid	DI Leach	
880-18626-60	NW-6 @ 2.5"	Soluble	Solid	DI Leach	
MB 880-33462/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33462/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33462/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18626-41 MS	WW-4 @ 1.5	Soluble	Solid	DI Leach	
880-18626-41 MSD	WW-4 @ 1.5	Soluble	Solid	DI Leach	
880-18626-51 MS	NW-4 @ 1.5	Soluble	Solid	DI Leach	
880-18626-51 MSD	NW-4 @ 1.5	Soluble	Solid	DI Leach	

Analysis Batch: 33555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-1	BH-1 @ 1.5	Soluble	Solid	300.0	33460
880-18626-2	BH-2 @ 1.5	Soluble	Solid	300.0	33460
880-18626-3	BH-3 @ 1.5	Soluble	Solid	300.0	33460
880-18626-4	BH-4 @ 1.5	Soluble	Solid	300.0	33460
880-18626-5	BH-5 @ 1.5	Soluble	Solid	300.0	33460
880-18626-6	BH-6 @ 1.5	Soluble	Solid	300.0	33460
880-18626-7	BH-7 @ 1.5	Soluble	Solid	300.0	33460
880-18626-8	BH-8 @ 1.5	Soluble	Solid	300.0	33460
880-18626-9	BH-9 @ 1.5	Soluble	Solid	300.0	33460
880-18626-10	BH-10 @ 1.5	Soluble	Solid	300.0	33460
880-18626-11	BH-11 @ 1.5	Soluble	Solid	300.0	33460
880-18626-12	BH-12 @ 1.5	Soluble	Solid	300.0	33460
880-18626-13	BH-13 @ 1.5	Soluble	Solid	300.0	33460
880-18626-14	BH-14 @ 1.5	Soluble	Solid	300.0	33460
880-18626-15	BH-15 @ 1.5	Soluble	Solid	300.0	33460
880-18626-16	BH-16 @ 3 ft	Soluble	Solid	300.0	33460
880-18626-17	BH-17 @ 3 ft	Soluble	Solid	300.0	33460
880-18626-18	BH-18 @ 3 ft	Soluble	Solid	300.0	33460
880-18626-19	BH-19 @ 3 ft	Soluble	Solid	300.0	33460
880-18626-20	BH-20 @ 3 ft	Soluble	Solid	300.0	33460
MB 880-33460/1-A	Method Blank	Soluble	Solid	300.0	33460
LCS 880-33460/2-A	Lab Control Sample	Soluble	Solid	300.0	33460
LCSD 880-33460/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33460
880-18626-1 MS	BH-1 @ 1.5	Soluble	Solid	300.0	33460
880-18626-1 MSD	BH-1 @ 1.5	Soluble	Solid	300.0	33460

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QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

HPLC/IC (Continued)

Analysis Batch: 33555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-11 MS	BH-11 @ 1.5	Soluble	Solid	300.0	33460
880-18626-11 MSD	BH-11 @ 1.5	Soluble	Solid	300.0	33460

Analysis Batch: 33556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-21	BH-21 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-22	BH-22 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-23	BH-23 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-24	BH-24 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-25	BH-25 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-26	BH-26 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-27	BH-27 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-28	BH-28 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-29	BH-29 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-30	BH-30 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-31	BH-31 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-32	BH-32 @ 4.5	Soluble	Solid	300.0	33461
880-18626-33	BH-33 @ 1.5	Soluble	Solid	300.0	33461
880-18626-34	BH-34 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-35	BH-35 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-36	BH-36 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-37	BH-37 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-38	EW-2 @ 1.5	Soluble	Solid	300.0	33461
880-18626-39	NW-5 @ 1.5	Soluble	Solid	300.0	33461
880-18626-40	EW-3 @ 8 in	Soluble	Solid	300.0	33461
MB 880-33461/1-A	Method Blank	Soluble	Solid	300.0	33461
LCS 880-33461/2-A	Lab Control Sample	Soluble	Solid	300.0	33461
LCSD 880-33461/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33461
880-18626-21 MS	BH-21 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-21 MSD	BH-21 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-31 MS	BH-31 @ 3 ft	Soluble	Solid	300.0	33461
880-18626-31 MSD	BH-31 @ 3 ft	Soluble	Solid	300.0	33461

Analysis Batch: 33558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-41	WW-4 @ 1.5	Soluble	Solid	300.0	33462
880-18626-42	EW-5 @ 8 in	Soluble	Solid	300.0	33462
880-18626-43	WW-2 @ 1.5	Soluble	Solid	300.0	33462
880-18626-44	SW-2 @ 1.5	Soluble	Solid	300.0	33462
880-18626-45	EW-4 @ 8 in	Soluble	Solid	300.0	33462
880-18626-46	EW-1 @ 8 in	Soluble	Solid	300.0	33462
880-18626-47	NW-3 @ 1.5	Soluble	Solid	300.0	33462
880-18626-48	SW-1 @ 1.5	Soluble	Solid	300.0	33462
880-18626-49	NW-1 @ 8 in	Soluble	Solid	300.0	33462
880-18626-50	SW-3 @ 8 in	Soluble	Solid	300.0	33462
880-18626-51	NW-4 @ 1.5	Soluble	Solid	300.0	33462
880-18626-52	NW-2 @ 8"	Soluble	Solid	300.0	33462
880-18626-53	WW-1 @ 8"	Soluble	Solid	300.0	33462
880-18626-54	WW-3 @ 1.5	Soluble	Solid	300.0	33462
880-18626-55	SW-4 @ 8 in	Soluble	Solid	300.0	33462
880-18626-56	WC	Soluble	Solid	300.0	33462

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

HPLC/IC (Continued)

Analysis Batch: 33558 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18626-57	WW-5 @ 2.5	Soluble	Solid	300.0	33462
880-18626-58	SW-5 @ 2.5	Soluble	Solid	300.0	33462
880-18626-59	EW-6 @ 2.5	Soluble	Solid	300.0	33462
880-18626-60	NW-6 @ 2.5"	Soluble	Solid	300.0	33462
MB 880-33462/1-A	Method Blank	Soluble	Solid	300.0	33462
LCS 880-33462/2-A	Lab Control Sample	Soluble	Solid	300.0	33462
LCSD 880-33462/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33462
880-18626-41 MS	WW-4 @ 1.5	Soluble	Solid	300.0	33462
880-18626-41 MSD	WW-4 @ 1.5	Soluble	Solid	300.0	33462
880-18626-51 MS	NW-4 @ 1.5	Soluble	Solid	300.0	33462
880-18626-51 MSD	NW-4 @ 1.5	Soluble	Solid	300.0	33462

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-1 @ 1.5

Lab Sample ID: 880-18626-1

Date Collected: 08/29/22 08:12

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 15:56	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	08/31/22 20:54	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 00:55	SMC	EET MID

Client Sample ID: BH-2 @ 1.5

Lab Sample ID: 880-18626-2

Date Collected: 08/29/22 08:15

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 16:19	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	08/31/22 21:59	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 01:17	SMC	EET MID

Client Sample ID: BH-3 @ 1.5

Lab Sample ID: 880-18626-3

Date Collected: 08/29/22 08:18

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 16:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	08/31/22 22:20	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 01:24	SMC	EET MID

Client Sample ID: BH-4 @ 1.5

Lab Sample ID: 880-18626-4

Date Collected: 08/29/22 08:20

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 17:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-4 @ 1.5

Lab Sample ID: 880-18626-4

Date Collected: 08/29/22 08:20

Matrix: Solid

Date Received: 08/29/22 16:18

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			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	08/31/22 22:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 01:31	SMC	EET MID

Client Sample ID: BH-5 @ 1.5

Lab Sample ID: 880-18626-5

Date Collected: 08/29/22 08:27

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 17:29	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	08/31/22 23:04	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 01:38	SMC	EET MID

Client Sample ID: BH-6 @ 1.5

Lab Sample ID: 880-18626-6

Date Collected: 08/29/22 08:31

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 03:04	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	08/31/22 23:26	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 01:59	SMC	EET MID

Client Sample ID: BH-7 @ 1.5

Lab Sample ID: 880-18626-7

Date Collected: 08/29/22 08:33

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 17:53	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	08/31/22 23:47	SM	EET MID

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Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-7 @ 1.5

Lab Sample ID: 880-18626-7

Date Collected: 08/29/22 08:33

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 02:07	SMC	EET MID

Client Sample ID: BH-8 @ 1.5

Lab Sample ID: 880-18626-8

Date Collected: 08/29/22 08:38

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 18:16	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 00:09	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 02:14	SMC	EET MID

Client Sample ID: BH-9 @ 1.5

Lab Sample ID: 880-18626-9

Date Collected: 08/29/22 08:42

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 18:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 00:30	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 02:21	SMC	EET MID

Client Sample ID: BH-10 @ 1.5

Lab Sample ID: 880-18626-10

Date Collected: 08/29/22 08:50

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 19:03	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 00:51	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 02:28	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-11 @ 1.5

Lab Sample ID: 880-18626-11

Date Collected: 08/29/22 08:55

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68273	09/08/22 19:26	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 01:33	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 02:35	SMC	EET MID

Client Sample ID: BH-12 @ 1.5

Lab Sample ID: 880-18626-12

Date Collected: 08/29/22 09:02

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 03:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 01:54	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 02:57	SMC	EET MID

Client Sample ID: BH-13 @ 1.5

Lab Sample ID: 880-18626-13

Date Collected: 08/29/22 09:08

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 03:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 02:16	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 03:04	SMC	EET MID

Client Sample ID: BH-14 @ 1.5

Lab Sample ID: 880-18626-14

Date Collected: 08/29/22 09:11

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 04:05	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-14 @ 1.5

Lab Sample ID: 880-18626-14

Date Collected: 08/29/22 09:11

Matrix: Solid

Date Received: 08/29/22 16:18

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			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 02:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 03:25	SMC	EET MID

Client Sample ID: BH-15 @ 1.5

Lab Sample ID: 880-18626-15

Date Collected: 08/29/22 09:14

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 04:26	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 02:58	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 11:33	SMC	EET MID

Client Sample ID: BH-16 @ 3 ft

Lab Sample ID: 880-18626-16

Date Collected: 08/29/22 09:16

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 04:46	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 03:19	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 11:40	SMC	EET MID

Client Sample ID: BH-17 @ 3 ft

Lab Sample ID: 880-18626-17

Date Collected: 08/29/22 09:19

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 05:07	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 03:41	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-17 @ 3 ft

Lab Sample ID: 880-18626-17

Date Collected: 08/29/22 09:19

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 11:47	SMC	EET MID

Client Sample ID: BH-18 @ 3 ft

Lab Sample ID: 880-18626-18

Date Collected: 08/29/22 09:22

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 05:27	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 04:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 11:54	SMC	EET MID

Client Sample ID: BH-19 @ 3 ft

Lab Sample ID: 880-18626-19

Date Collected: 08/29/22 09:24

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 05:48	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 04:23	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 12:01	SMC	EET MID

Client Sample ID: BH-20 @ 3 ft

Lab Sample ID: 880-18626-20

Date Collected: 08/29/22 09:27

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 06:08	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33381	08/30/22 15:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33405	09/01/22 04:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33460	08/31/22 13:59	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33555	09/06/22 03:38	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-21 @ 3 ft

Lab Sample ID: 880-18626-21

Date Collected: 08/29/22 09:29

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 06:29	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 10:18	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/03/22 23:35	SMC	EET MID

Client Sample ID: BH-22 @ 3 ft

Lab Sample ID: 880-18626-22

Date Collected: 08/29/22 09:32

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 06:49	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 11:22	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 00:03	SMC	EET MID

Client Sample ID: BH-23 @ 3 ft

Lab Sample ID: 880-18626-23

Date Collected: 08/29/22 09:35

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 07:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 11:43	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 00:12	SMC	EET MID

Client Sample ID: BH-24 @ 3 ft

Lab Sample ID: 880-18626-24

Date Collected: 08/29/22 09:37

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 07:30	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-24 @ 3 ft

Lab Sample ID: 880-18626-24

Date Collected: 08/29/22 09:37

Matrix: Solid

Date Received: 08/29/22 16:18

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			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 12:05	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 00:21	SMC	EET MID

Client Sample ID: BH-25 @ 3 ft

Lab Sample ID: 880-18626-25

Date Collected: 08/29/22 09:40

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68352	09/09/22 04:51	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 12:26	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 00:30	SMC	EET MID

Client Sample ID: BH-26 @ 3 ft

Lab Sample ID: 880-18626-26

Date Collected: 08/29/22 09:43

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 17:50	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 12:48	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 00:58	SMC	EET MID

Client Sample ID: BH-27 @ 3 ft

Lab Sample ID: 880-18626-27

Date Collected: 08/29/22 09:45

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 18:11	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 13:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-27 @ 3 ft

Lab Sample ID: 880-18626-27

Date Collected: 08/29/22 09:45

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 01:07	SMC	EET MID

Client Sample ID: BH-28 @ 3 ft

Lab Sample ID: 880-18626-28

Date Collected: 08/29/22 09:47

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 18:31	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 13:30	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 01:16	SMC	EET MID

Client Sample ID: BH-29 @ 3 ft

Lab Sample ID: 880-18626-29

Date Collected: 08/29/22 09:53

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 18:52	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 13:52	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 01:25	SMC	EET MID

Client Sample ID: BH-30 @ 3 ft

Lab Sample ID: 880-18626-30

Date Collected: 08/29/22 09:55

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 19:12	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 14:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 01:35	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-31 @ 3 ft

Lab Sample ID: 880-18626-31

Date Collected: 08/29/22 09:58

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 19:33	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 14:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 01:44	SMC	EET MID

Client Sample ID: BH-32 @ 4.5

Lab Sample ID: 880-18626-32

Date Collected: 08/29/22 10:02

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 19:53	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 15:19	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 02:11	SMC	EET MID

Client Sample ID: BH-33 @ 1.5

Lab Sample ID: 880-18626-33

Date Collected: 08/29/22 11:40

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 20:14	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 15:41	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 02:21	SMC	EET MID

Client Sample ID: BH-34 @ 3 ft

Lab Sample ID: 880-18626-34

Date Collected: 08/29/22 11:45

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 20:34	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-34 @ 3 ft

Lab Sample ID: 880-18626-34

Date Collected: 08/29/22 11:45

Matrix: Solid

Date Received: 08/29/22 16:18

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			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 16:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 02:49	SMC	EET MID

Client Sample ID: BH-35 @ 3 ft

Lab Sample ID: 880-18626-35

Date Collected: 08/29/22 11:48

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 20:55	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 16:24	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 02:58	SMC	EET MID

Client Sample ID: BH-36 @ 3 ft

Lab Sample ID: 880-18626-36

Date Collected: 08/29/22 11:53

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68208	09/08/22 21:15	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 16:45	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 03:07	SMC	EET MID

Client Sample ID: BH-37 @ 3 ft

Lab Sample ID: 880-18626-37

Date Collected: 08/29/22 12:01

Matrix: Solid

Date Received: 08/29/22 16:18

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	68481	09/09/22 13:54	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68388	09/09/22 14:54	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 17:07	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: BH-37 @ 3 ft

Lab Sample ID: 880-18626-37

Date Collected: 08/29/22 12:01

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 03:16	SMC	EET MID

Client Sample ID: EW-2 @ 1.5

Lab Sample ID: 880-18626-38

Date Collected: 08/29/22 10:33

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68481	09/09/22 13:54	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68388	09/09/22 15:17	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 17:28	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 03:25	SMC	EET MID

Client Sample ID: NW-5 @ 1.5

Lab Sample ID: 880-18626-39

Date Collected: 08/29/22 10:27

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1.0 g	5 mL	68311	09/08/22 14:07	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68265	09/08/22 19:02	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 17:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 03:35	SMC	EET MID

Client Sample ID: EW-3 @ 8 in

Lab Sample ID: 880-18626-40

Date Collected: 08/29/22 10:55

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 18:11	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33419	08/31/22 09:46	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33497	09/01/22 18:11	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33461	08/31/22 14:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33556	09/04/22 03:44	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: WW-4 @ 1.5

Lab Sample ID: 880-18626-41

Date Collected: 08/29/22 11:03

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 18:34	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 10:18	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 04:57	SMC	EET MID

Client Sample ID: EW-5 @ 8 in

Lab Sample ID: 880-18626-42

Date Collected: 08/29/22 10:43

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 18:57	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 11:22	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 05:25	SMC	EET MID

Client Sample ID: WW-2 @ 1.5

Lab Sample ID: 880-18626-43

Date Collected: 08/29/22 10:53

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 19:19	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 11:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 05:34	SMC	EET MID

Client Sample ID: SW-2 @ 1.5

Lab Sample ID: 880-18626-44

Date Collected: 08/29/22 11:10

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 19:42	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: SW-2 @ 1.5

Lab Sample ID: 880-18626-44

Date Collected: 08/29/22 11:10

Matrix: Solid

Date Received: 08/29/22 16:18

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			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 12:05	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 05:43	SMC	EET MID

Client Sample ID: EW-4 @ 8 in

Lab Sample ID: 880-18626-45

Date Collected: 08/29/22 10:40

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 20:05	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 12:26	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 05:53	SMC	EET MID

Client Sample ID: EW-1 @ 8 in

Lab Sample ID: 880-18626-46

Date Collected: 08/29/22 10:30

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 20:28	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 12:48	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 06:20	SMC	EET MID

Client Sample ID: NW-3 @ 1.5

Lab Sample ID: 880-18626-47

Date Collected: 08/29/22 10:20

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 20:51	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 13:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: NW-3 @ 1.5

Lab Sample ID: 880-18626-47

Date Collected: 08/29/22 10:20

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 06:30	SMC	EET MID

Client Sample ID: SW-1 @ 1.5

Lab Sample ID: 880-18626-48

Date Collected: 08/29/22 11:07

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 21:13	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 13:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 06:39	SMC	EET MID

Client Sample ID: NW-1 @ 8 in

Lab Sample ID: 880-18626-49

Date Collected: 08/29/22 10:13

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 15:32	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 21:36	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 13:52	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 06:48	SMC	EET MID

Client Sample ID: SW-3 @ 8 in

Lab Sample ID: 880-18626-50

Date Collected: 08/29/22 11:14

Matrix: Solid

Date Received: 08/29/22 16:18

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	68481	09/09/22 13:54	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68388	09/09/22 15:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 14:14	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 06:57	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: NW-4 @ 1.5

Lab Sample ID: 880-18626-51

Date Collected: 08/29/22 10:23

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 22:22	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 14:57	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 07:06	SMC	EET MID

Client Sample ID: NW-2 @ 8"

Lab Sample ID: 880-18626-52

Date Collected: 08/29/22 10:15

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68210	09/08/22 22:45	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 15:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 07:34	SMC	EET MID

Client Sample ID: WW-1 @ 8"

Lab Sample ID: 880-18626-53

Date Collected: 08/29/22 10:50

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68265	09/08/22 19:19	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 15:41	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 07:43	SMC	EET MID

Client Sample ID: WW-3 @ 1.5

Lab Sample ID: 880-18626-54

Date Collected: 08/29/22 10:57

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 07:51	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: WW-3 @ 1.5

Lab Sample ID: 880-18626-54

Date Collected: 08/29/22 10:57

Matrix: Solid

Date Received: 08/29/22 16:18

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			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 16:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 08:11	SMC	EET MID

Client Sample ID: SW-4 @ 8 in

Lab Sample ID: 880-18626-55

Date Collected: 08/29/22 11:18

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 08:11	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 16:24	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 08:20	SMC	EET MID

Client Sample ID: WC

Lab Sample ID: 880-18626-56

Date Collected: 08/29/22 13:42

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 08:32	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33421	08/31/22 09:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 16:45	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 08:29	SMC	EET MID

Client Sample ID: WW-5 @ 2.5

Lab Sample ID: 880-18626-57

Date Collected: 08/29/22 11:33

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 08:52	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33380	08/30/22 14:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	09/01/22 02:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Client Sample ID: WW-5 @ 2.5

Lab Sample ID: 880-18626-57

Date Collected: 08/29/22 11:33

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 08:39	SMC	EET MID

Client Sample ID: SW-5 @ 2.5

Lab Sample ID: 880-18626-58

Date Collected: 08/29/22 11:37

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 09:13	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33380	08/30/22 14:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	09/01/22 02:58	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 08:48	SMC	EET MID

Client Sample ID: EW-6 @ 2.5

Lab Sample ID: 880-18626-59

Date Collected: 08/29/22 11:30

Matrix: Solid

Date Received: 08/29/22 16:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68350	09/09/22 09:33	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33380	08/30/22 14:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	09/01/22 03:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 08:57	SMC	EET MID

Client Sample ID: NW-6 @ 2.5"

Lab Sample ID: 880-18626-60

Date Collected: 08/29/22 11:25

Matrix: Solid

Date Received: 08/29/22 16:18

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	68311	09/08/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68265	09/08/22 19:36	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			68525	09/09/22 17:41	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			33538	09/01/22 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33380	08/30/22 14:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	09/01/22 03:41	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33462	08/31/22 14:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33558	09/04/22 09:06	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington 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

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-22 *
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Oklahoma	State	2021-168	08-31-22 *
Texas	NELAP	T104704215-22-47	06-30-23
Texas	TCEQ Water Supply	T104704215	12-31-22
USDA	US Federal Programs	P330-22-00025	03-02-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Midland

Method Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
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 HOU
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 HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-18626-1	BH-1 @ 1.5	Solid	08/29/22 08:12	08/29/22 16:18	1.5
880-18626-2	BH-2 @ 1.5	Solid	08/29/22 08:15	08/29/22 16:18	1.5
880-18626-3	BH-3 @ 1.5	Solid	08/29/22 08:18	08/29/22 16:18	1.5
880-18626-4	BH-4 @ 1.5	Solid	08/29/22 08:20	08/29/22 16:18	1.5
880-18626-5	BH-5 @ 1.5	Solid	08/29/22 08:27	08/29/22 16:18	1.5
880-18626-6	BH-6 @ 1.5	Solid	08/29/22 08:31	08/29/22 16:18	1.5
880-18626-7	BH-7 @ 1.5	Solid	08/29/22 08:33	08/29/22 16:18	1.5
880-18626-8	BH-8 @ 1.5	Solid	08/29/22 08:38	08/29/22 16:18	1.5
880-18626-9	BH-9 @ 1.5	Solid	08/29/22 08:42	08/29/22 16:18	1.5
880-18626-10	BH-10 @ 1.5	Solid	08/29/22 08:50	08/29/22 16:18	1.5
880-18626-11	BH-11 @ 1.5	Solid	08/29/22 08:55	08/29/22 16:18	1.5
880-18626-12	BH-12 @ 1.5	Solid	08/29/22 09:02	08/29/22 16:18	1.5
880-18626-13	BH-13 @ 1.5	Solid	08/29/22 09:08	08/29/22 16:18	1.5
880-18626-14	BH-14 @ 1.5	Solid	08/29/22 09:11	08/29/22 16:18	1.5
880-18626-15	BH-15 @ 1.5	Solid	08/29/22 09:14	08/29/22 16:18	1.5
880-18626-16	BH-16 @ 3 ft	Solid	08/29/22 09:16	08/29/22 16:18	3 ft
880-18626-17	BH-17 @ 3 ft	Solid	08/29/22 09:19	08/29/22 16:18	3 ft
880-18626-18	BH-18 @ 3 ft	Solid	08/29/22 09:22	08/29/22 16:18	3 ft
880-18626-19	BH-19 @ 3 ft	Solid	08/29/22 09:24	08/29/22 16:18	3 ft
880-18626-20	BH-20 @ 3 ft	Solid	08/29/22 09:27	08/29/22 16:18	3 ft
880-18626-21	BH-21 @ 3 ft	Solid	08/29/22 09:29	08/29/22 16:18	3 ft
880-18626-22	BH-22 @ 3 ft	Solid	08/29/22 09:32	08/29/22 16:18	3 ft
880-18626-23	BH-23 @ 3 ft	Solid	08/29/22 09:35	08/29/22 16:18	3 ft
880-18626-24	BH-24 @ 3 ft	Solid	08/29/22 09:37	08/29/22 16:18	3 ft
880-18626-25	BH-25 @ 3 ft	Solid	08/29/22 09:40	08/29/22 16:18	3 ft
880-18626-26	BH-26 @ 3 ft	Solid	08/29/22 09:43	08/29/22 16:18	3 ft
880-18626-27	BH-27 @ 3 ft	Solid	08/29/22 09:45	08/29/22 16:18	3 ft
880-18626-28	BH-28 @ 3 ft	Solid	08/29/22 09:47	08/29/22 16:18	3 ft
880-18626-29	BH-29 @ 3 ft	Solid	08/29/22 09:53	08/29/22 16:18	3 ft
880-18626-30	BH-30 @ 3 ft	Solid	08/29/22 09:55	08/29/22 16:18	3 ft
880-18626-31	BH-31 @ 3 ft	Solid	08/29/22 09:58	08/29/22 16:18	3 ft
880-18626-32	BH-32 @ 4.5	Solid	08/29/22 10:02	08/29/22 16:18	4.5
880-18626-33	BH-33 @ 1.5	Solid	08/29/22 11:40	08/29/22 16:18	1.5
880-18626-34	BH-34 @ 3 ft	Solid	08/29/22 11:45	08/29/22 16:18	3 ft
880-18626-35	BH-35 @ 3 ft	Solid	08/29/22 11:48	08/29/22 16:18	3 ft
880-18626-36	BH-36 @ 3 ft	Solid	08/29/22 11:53	08/29/22 16:18	3 ft
880-18626-37	BH-37 @ 3 ft	Solid	08/29/22 12:01	08/29/22 16:18	3 ft
880-18626-38	EW-2 @ 1.5	Solid	08/29/22 10:33	08/29/22 16:18	1.5
880-18626-39	NW-5 @ 1.5	Solid	08/29/22 10:27	08/29/22 16:18	1.5
880-18626-40	EW-3 @ 8 in	Solid	08/29/22 10:55	08/29/22 16:18	8 in
880-18626-41	VW-4 @ 1.5	Solid	08/29/22 11:03	08/29/22 16:18	1.5
880-18626-42	EW-5 @ 8 in	Solid	08/29/22 10:43	08/29/22 16:18	8 in
880-18626-43	VW-2 @ 1.5	Solid	08/29/22 10:53	08/29/22 16:18	1.5
880-18626-44	SW-2 @ 1.5	Solid	08/29/22 11:10	08/29/22 16:18	1.5
880-18626-45	EW-4 @ 8 in	Solid	08/29/22 10:40	08/29/22 16:18	8"
880-18626-46	EW-1 @ 8 in	Solid	08/29/22 10:30	08/29/22 16:18	8"
880-18626-47	NW-3 @ 1.5	Solid	08/29/22 10:20	08/29/22 16:18	1'.5"
880-18626-48	SW-1 @ 1.5	Solid	08/29/22 11:07	08/29/22 16:18	1'.5"
880-18626-49	NW-1 @ 8 in	Solid	08/29/22 10:13	08/29/22 16:18	8"
880-18626-50	SW-3 @ 8 in	Solid	08/29/22 11:14	08/29/22 16:18	8"
880-18626-51	NW-4 @ 1.5	Solid	08/29/22 10:23	08/29/22 16:18	1'.5"
880-18626-52	NW-2 @ 8"	Solid	08/29/22 10:15	08/29/22 16:18	8"
880-18626-53	VW-1 @ 8"	Solid	08/29/22 10:50	08/29/22 16:18	8"
880-18626-54	VW-3 @ 1.5	Solid	08/29/22 10:57	08/29/22 16:18	1'.5"

Sample Summary

Client: AMERAPEX
Project/Site: Denton-Haul-Off

Job ID: 880-18626-1
SDG: Lovington NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-18626-55	SW-4 @ 8 in	Solid	08/29/22 11:18	08/29/22 16:18	8"
880-18626-56	WC	Solid	08/29/22 13:42	08/29/22 16:18	surf
880-18626-57	WW-5 @ 2.5	Solid	08/29/22 11:33	08/29/22 16:18	2'.5"
880-18626-58	SW-5 @ 2.5	Solid	08/29/22 11:37	08/29/22 16:18	2'.5"
880-18626-59	EW-6 @ 2.5	Solid	08/29/22 11:30	08/29/22 16:18	2'.5"
880-18626-60	NW-6 @ 2.5"	Solid	08/29/22 11:25	08/29/22 16:18	2'.5"

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



Environment Testing
 Xenco

Work Order No: 18020

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Work Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting Deliverables: ☐ EDD ☐ ADaPT ☐ Other

Project Manager: Jamey Fowler
 Company Name: Amerapex
 Address: 6612 fm 307
 City, State ZIP: Midland TX 79706
 Phone: 432-557-0934
 Email: Jfowler@amerapex.com

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:

Project Name: Denton-Havl-off
 Project Number: 22-2-0174
 Project Location: Lovington NM
 Sampler's Name: Jose Belloc
 PO #:
 SAMPLE RECEIPT
 Samples Received Intact: Yes ☒ No ☐
 Cooler Custody Seals: Yes ☒ No ☐
 Sample Custody Seals: Yes ☒ No ☐
 Total Containers:
 Turn Around: ☒ Routine ☐ Rush
 Due Date:
 TAT starts the day received by the lab if received by 4:30pm
 Parameters:
 Temp Blank: Yes ☒ No ☐
 Thermometer ID:
 Correction Factor:
 Temperature Reading: 1.3
 Corrected Temperature: 1.5

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
BH-1 @ 1.5	S	8-29-22	8:12	1.5	C	1			None	DI Water H ₂ O
BH-2 @ 1.5	S	8-29-22	8:15	1.5	C	1			Cool Cool	MeOH Me
BH-3 @ 1.5	S	8-29-22	8:18	1.5	C	1			HCL HC	HNO ₃ HN
BH-4 @ 1.5	S	8-29-22	8:21	1.5	C	1			H ₂ SO ₄ H ₂	NaOH Na
BH-5 @ 1.5	S	8-29-22	8:27	1.5	C	1			H ₃ PO ₄ HP	
BH-6 @ 1.5	S	8-29-22	8:31	1.5	C	1			NaHSO ₄ NABIS	
BH-7 @ 1.5	S	8-29-22	8:33	1.5	C	1			Na ₂ S ₂ O ₃ NaSO ₃	
BH-8 @ 1.5	S	8-29-22	8:36	1.5	C	1			Zn Acetate+NaOH Zn	
BH-9 @ 1.5	S	8-29-22	8:42	1.5	C	1			NaOH+Ascorbic Acid SAPC	
BH-10 @ 1.5	S	8-29-22	8:50	1.5	C	1				



880-18626 Chain of Custody

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 SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA 5b As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Jose Belloc</i>	<i>Jamey Fowler</i>	8/29/22 16:12			

Revised Date: 08/25/2020 Rev 200.2



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

Environment Testing
Xenco

Work Order No: 16020

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Project Manager: Jamey Fowler
Company Name: Amerapey
Address: 6612 fm 307
City, State Zip: Midland TX 79706
Phone: 432-557-0934

Bill to: (if different)
Company Name:
Address:
City, State Zip:
Email: J.fowler@amerapey.com

Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: ☐ Level I ☐ Level II ☐ Level III ☐ Level IV ☐
Reporting: ☐ Level I ☐ Level II ☐ Level III ☐ Level IV ☐
Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Name: Denton-Hall-Off
Project Number: 22-2-0174
Project Location: Lovingston NM
Sampler's Name: Jose Belloc
P.O. #:

Turn Around: ☒ Routine ☐ Rush
Due Date:
TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
Thermometer ID:
Cooler Custody Seals: Yes No N/A
Correction Factor:
Sample Custody Seals: Yes No N/A
Temperature Reading:
Total Containers: Corrected Temperature:

Parameters: TPB-GR0-DR0, B-Tex-EPA SW-846, Chlorides SM-4500

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
BH-11@ 1.5	S	8-29-22	8:55	1.5	C	1			None NO	DI Water H ₂ O
BH-12@ 1.5	S	8-29-22	9:02	1.5	C	1			Cool Cool	MeOH Me
BH-13@ 1.5	S	8-29-22	9:10	1.5	C	1			HCL HC	HNO ₃ HN
BH-14@ 1.5	S	8-29-22	9:11	1.5	C	1			H ₂ SO ₄ H ₂	NaOH Na
BH-15@ 1.5	S	8-29-22	9:14	1.5	C	1			H ₃ PO ₄ HP	
BH-16@ 3ft	S	8-29-22	9:16	3ft	C	1			NaHSO ₄ NABIS	
BH-17@ 3ft	S	8-29-22	9:19	3ft	C	1			Na ₂ S ₂ O ₃ NaSO ₃	
BH-18@ 3ft	S	8-29-22	9:22	3ft	C	1			Zn Acetate+NaOH Zn	
BH-19@ 3ft	S	8-29-22	9:24	3ft	C	1			NaOH+Ascorbic Acid SAPC	
BH-20@ 3ft	S	8-29-22	9:27	3ft	C	1				

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 SiO₂ 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 / 2451 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/29/22	8/29/22
		10/10	

Revised Date: 08/25/2020 Rev. 2020.2



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

Environment Testing
Xenco

Work Order No: 18624

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Project Manager: Jamey Fowler		Bill to: (if different)	
Company Name: Amerapex		Company Name:	
Address: 6612 fm 307		Address:	
City, State ZIP: Midland TX 79706		City, State ZIP:	
Phone: 432-557-0934		Email: Jfowler@amerapex.com	

Project Name: Denton-Haul-off		Turn Around	
Project Number: 22-2-0174		☒ Routine ☐ Rush	
Project Location: Levington NM		Due Date:	
Sampler's Name: Jose Belloc		TAT starts the day received by the lab, if received by 4:30pm	
PO #			

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters		Pres. Code	Sample Comments	
							Temp Blank: Yes No	Wet Ice: Yes No			
BH-21 @ 3ft	S	8-29-22	9:29	3ft	C	1				None NO	DI Water H ₂ O
BH-22 @ 3ft	S	8-29-22	9:32	3ft	C	1				Cool. Cool	MeOH Me
BH-23 @ 3ft	S	8-29-22	9:35	3ft	C	1				HCL. HC	HNO ₃ HN
BH-24 @ 3ft	S	8-29-22	9:37	3ft	C	1				H ₂ SO ₄ H ₂	NaOH Na
BH-25 @ 3ft	S	8-29-22	9:40	3ft	C	1				H ₃ PO ₄ HP	
BH-26 @ 3ft	S	8-29-22	9:43	3ft	C	1				NaHSO ₄ NABIS	
BH-27 @ 3ft	S	8-29-22	9:45	3ft	C	1				Na ₂ S ₂ O ₃ NaSO ₃	
BH-28 @ 3ft	S	8-29-22	9:47	3ft	C	1				Zn Acetate+NaOH Zn	
BH-29 @ 3ft	S	8-29-22	9:53	3ft	C	1				NaOH+Ascorbic Acid SAPC	
BH-30 @ 3ft	S	8-29-22	9:55	3ft	C	1					

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 / 2451 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Jose Belloc</i>	<i>U. V. R.</i>	8/29/22			
		1618			

Revised Date: 08/25/2020 Rev. 2020.2



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

Environment Testing
Xenco

Work Order No: 186024

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Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: ☐ Reporting ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: ☐ EDD ☐ ADAPT ☐ Other: _____

Project Manager: Jamex Fowler Bill to: (if different) _____
Company Name: Amerapey Company Name: _____
Address: 6612 fm 307 Address: _____
City, State ZIP: Midland TX 79706 City, State ZIP: _____
Phone: 432-557-0934 Email: J.fowler@amerapey

Project Name: Denton Haul-off Turn Around: _____
P Project Number: 22-2-0174 ☐ Routine ☐ Rush
Project Location: Lovington NM Due Date: _____
Sampler's Name: Jose Beller TAT starts the day received by the lab, if received by 4:30pm
PO #: _____

SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No	
Samples 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:						Corrected Temperature:			
Sample Identification		Matrix		Date Sampled		Time Sampled		Depth	
BH-31 @ 3ft		S		8-29-22		9:58		3ft	
BH-32 @ 4.5		S		8-29-22		10:02		4.5	
BH-33 @ 1.5		S		8-29-22		11:40		1.5	
BH-34 @ 3ft		S		8-29-22		11:45		3ft	
BH-35 @ 3ft		S		8-29-22		11:48		3ft	
BH-36 @ 3ft		S		8-29-22		11:53		3ft	
BH-37 @ 3ft		S		8-29-22		12:01		3ft	
EW-2 @ 1.5		S		8-29-22		10:33		1.5	
NW-5 @ 1.5		S		8-29-22		10:27		1.5	
EW-3 @ Bin		S		8-29-22		10:55		Bin	

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 SiO₂ 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
<u>[Signature]</u>	<u>[Signature]</u>	<u>8/29/22</u>			
		<u>10/9</u>			

Revised Date: 08/25/2020 Rev. 2020.2



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

Environment Testing
Xenco

Work Order No: 18024

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Project Manager: Jamey Fowler
Company Name: Amerapex
Address: 6612 FM 307
City, State Zip: Midland TX 79706
Phone: 432-551-0934 Email: JFowler@amerapex.com

Bill to: (if different)
Company Name:
Address:
City, State Zip:

Turn Around
Routine ☒ Rush ☐
Due Date:
TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
Thermometer ID:
Cooler Custody Seals: Yes No N/A
Sample Custody Seals: Yes No N/A
Total Containers:

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

Project Name: Denton - Haul-off
Project Number: 22-2-0174
Project Location: Livingston N.M.
Sampler's Name: Jose Belloc
PO #:
SAMPLE RECEIPT
Samples Received Intact:
Cooler Custody Seals:
Sample Custody Seals:
Total Containers:

ANALYSIS REQUEST				Preservative Codes	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp
WW-4 @ 1.5	S	8-29-22	11:03	1.5	C
EW-5 @ 8" in	S	8-29-22	10:43	8" in	C
WW-2 @ 1.5	S	8-29-22	10:53	1.5	C
SW-2 @ 1.5	S	8-29-22	11:16	1.5	C
EW-4 @ 8" in	S	8-29-22	10:40	8" in	C
EW-1 @ 8" in	S	8-29-22	10:30	8" in	C
NW-3 @ 1.5" in	S	8-29-22	10:20	1.5" in	C
SW-1 @ 1.5	S	8-29-22	11:07	1.5" in	C
NW-1 @ 8" in	S	8-29-22	10:13	8" in	C
SW-3 @ 8" in	S	8-29-22	11:14	8" in	C
Parameters: TP14 - GPO + DRD, B-Tex - EPA SW-846, Chlorides 5M-4.560					
Preservative Codes				Sample Comments	
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					

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 SiO₂ 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
Jose Belloc	JFowler	8/29/22			
		1618			

Revised Date: 08/25/2020 Rev 2020.2



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

Environment Testing
Xenco

Work Order No: 18626

www.xenco.com Page 6 of 6

Work Order Comments

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting ☐ Deliverables ☐ EDD ☐ ADAPT ☐ Other ☐

Project Manager: Jamey Fowler

Company Name: Amerapey

Address: 6612 FM 307

City, State ZIP: Midland TX, 79706

Phone: 432-557-0934

Bill to: (if different)

Company Name:

Address:

City, State ZIP:

Email: J.Fowler@amerapey.com

SAMPLE RECEIPT		Turn Around		Parameters		ANALYSIS REQUEST		Preservative Codes	
Sample Received Intact:	Temp Blank:	Yes	No	Wet Ice:	Yes	No	Pres. Code	Depth	Time Sampled
Yes	Yes	No	No	Thermometer ID:					
Cooler Custody Seals:	Yes	No	N/A	Correction Factor					
Sample Custody Seals:	Yes	No	N/A	Temperature Readings:					
Total Containers:				Corrected Temperature:					
Project Name:	Denton Haul-off								
Project Number:	22-2-0174								
Project Location:	Livingston N.M								
Sampler's Name:	Jose Belloc								
P.O. #:									
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont			
NW-4 @ 1.5	S	8-27-22	10:23	1.5"	C	1			
NW-2 @ 8.5"	S	8-29-22	10:15	8"	C	1			
WW-1 @ 8"	S	8-29-22	10:50	8"	C	1			
WW-3 @ 1.5	S	8-29-22	10:57	1.5"	C	1			
SW-4 @ 8.5"	S	8-29-22	11:18	8"	C	1			
WC	S	8-29-22	1:42	SWC	C	1			
WW-5 @ 2.5	S	8-29-22	11:33	2.5"	C	1			
SW-5 @ 2.5	S	8-29-22	11:37	2.5"	C	1			
EW-6 @ 2.5	S	8-29-22	11:30	2.5"	C	1			
NW-6 @ 2.5"	S	8-29-22	11:25	2.5"	C	1			

Loc: 880
18626

Preservative Codes: None, NO, DI Water, H₂O, Cool, MeOH, Me, HCL, HC, HNO₃, HN, H₂SO₄, H₂, NaOH, Na, H₃PO₄, HP, NaHSO₄, NABIS, Na₂S₂O₃, NaSO₃, Zn, Acetate+NaOH, Zn, NaOH+Ascorbic Acid, SAPC

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 SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed: TCLP / SPLP 6010 8RCRA 5b 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
Jose Belloc	J.Fowler	8/29/22			
		10/18			

Revised Date: 08/25/2020 Rev 2002

Login Sample Receipt Checklist

Client: AMERAPEX

Job Number: 880-18626-1

SDG Number: Lovington NM

Login Number: 18626

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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	

Login Sample Receipt Checklist

Client: AMERAPEX

Job Number: 880-18626-1

SDG Number: Lovington NM

Login Number: 18626

List Number: 2

Creator: Bolch, Taylor

List Source: Eurofins Houston

List Creation: 09/08/22 01:33 PM

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?	N/A	
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 America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-18907-1

Laboratory Sample Delivery Group: 22-20174

Client Project/Site: Denton Haul Off

For:

AMERAPEX
2950 North Loop West
Suite 1100
Houston, Texas 77092

Attn: Jamey Fowler

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

9/13/2022 2:38:48 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: AMERAPEX
Project/Site: Denton Haul Off

Laboratory Job ID: 880-18907-1
SDG: 22-20174

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Definitions/Glossary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Job ID: 880-18907-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-18907-1**

Receipt

The sample was received on 9/7/2022 11:43 AM. 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 5.9°C

GC/MS VOA

Method 8260C: The following samples were diluted due to being a catalyst: (880-18790-A-4-B) and (880-18790-A-4-B MS). Elevated reporting limits (RL) are provided. Sample was prepped with methanol from a bulk jar.

Method 8260C: The matrix spike (MS) recoveries for preparation batch 860-68680 and analytical batch 860-68602 were outside control limits. Sample matrix interference is suspected.

Method 8260C: Sample is a bulk jar.WC (880-18907-1)

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

GC/MS Semi VOA

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

Metals

Method 6010C: The TCLP leachate blank for batch 860-68516 and 860-68612 contained Arsenic above the reporting limit (RL). This target analyte concentration was less than the TCLP Regulatory Limit. The associated samples were also below the TCLP Regulatory Limit for this analyte; therefore, re-extraction was not performed.

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

General Chemistry

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

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Client Sample ID: WC

Lab Sample ID: 880-18907-1

Date Collected: 09/07/22 09:30

Matrix: Solid

Date Received: 09/07/22 11:43

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
cis-1,2-Dichloroethene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
cis-1,3-Dichloropropene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Isopropylbenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
n-Butylbenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
N-Propylbenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
p-Cymene (p-Isopropyltoluene)	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
tert-Butylbenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
trans-1,2-Dichloroethene	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
trans-1,3-Dichloropropene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Vinyl chloride	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,1,1,2-Tetrachloroethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,1,1-Trichloroethane	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,1,2,2-Tetrachloroethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,1,2-Trichloroethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,1-Dichloroethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,1-Dichloroethene	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,1-Dichloropropene	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2,3-Trichlorobenzene	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2,3-Trichloropropane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2,4-Trichlorobenzene	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2,4-Trimethylbenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2-Dibromo-3-Chloropropane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2-Dibromoethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2-Dichlorobenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2-Dichloroethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,2-Dichloropropane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,3,5-Trimethylbenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,3-Dichlorobenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,3-Dichloropropane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
1,4-Dichlorobenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
2,2-Dichloropropane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
2-Butanone	<0.0201	U	0.0201		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
4-Chlorotoluene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Benzene	<0.00101	U	0.00101		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Bromobenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Bromochloromethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Bromodichloromethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Bromoform	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Bromomethane	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Carbon tetrachloride	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Chlorobenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Chloroethane	<0.0101	U **	0.0101		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Chloroform	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Chloromethane	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Dibromochloromethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Dichlorodifluoromethane	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1

Eurofins Midland

Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Client Sample ID: WC

Lab Sample ID: 880-18907-1

Date Collected: 09/07/22 09:30

Matrix: Solid

Date Received: 09/07/22 11:43

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Hexachlorobutadiene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
MTBE	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Methylene Chloride	<0.0201	U	0.0201		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Naphthalene	<0.0101	U **	0.0101		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
sec-Butylbenzene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Styrene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Tetrachloroethene	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Trichloroethene	<0.00503	U **	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1
Trichlorofluoromethane	<0.00503	U	0.00503		mg/Kg		09/12/22 12:47	09/12/22 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/12/22 12:47	09/12/22 14:19	1
4-Bromofluorobenzene (Surr)	105		68 - 152	09/12/22 12:47	09/12/22 14:19	1
Dibromofluoromethane (Surr)	103		53 - 142	09/12/22 12:47	09/12/22 14:19	1
Toluene-d8 (Surr)	102		70 - 130	09/12/22 12:47	09/12/22 14:19	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
1,2-Dichlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
1,3-Dichlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
1,4-Dichlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2,4,5-Trichlorophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2,4,6-Trichlorophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2,4-Dichlorophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2,4-Dimethylphenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2,4-Dinitrophenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2,4-Dinitrotoluene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2,6-Dinitrotoluene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2-Chloronaphthalene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2-Chlorophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2-Methylnaphthalene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2-Methylphenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2-Nitroaniline	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
2-Nitrophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
3 & 4 Methylphenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
3,3'-Dichlorobenzidine	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
3-Nitroaniline	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
4,6-Dinitro-2-methylphenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
4-Bromophenyl phenyl ether	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
4-Chloro-3-methylphenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
4-Chloroaniline	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
4-Chlorophenyl phenyl ether	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
4-Nitroaniline	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
4-Nitrophenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Acenaphthene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Acenaphthylene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Aniline (Phenylamine, Aminobenzene)	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Client Sample ID: WC

Lab Sample ID: 880-18907-1

Date Collected: 09/07/22 09:30

Matrix: Solid

Date Received: 09/07/22 11:43

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Benzo[a]anthracene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Benzo[a]pyrene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Benzo[b]fluoranthene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Benzo[g,h,i]perylene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Benzo[k]fluoranthene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Benzoic acid	<0.999	U	0.999		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Butyl benzyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Bis(2-chloroethoxy)methane	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Bis(2-chloroethyl)ether	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
bis (2-chloroisopropyl) ether	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Bis(2-ethylhexyl) phthalate	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Chrysene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Dibenz(a,h)anthracene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Dibenzofuran	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Diethyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Dimethyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Di-n-butyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Di-n-octyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Fluoranthene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Fluorene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Hexachlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Hexachlorobutadiene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Hexachlorocyclopentadiene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Hexachloroethane	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Indeno[1,2,3-cd]pyrene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Isophorone	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Naphthalene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Nitrobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
N-Nitrosodi-n-propylamine	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
N-Nitrosodiphenylamine	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Pentachlorophenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Phenanthrene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Phenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Pyrene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Pyridine	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:20	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
1,2-Dichlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
1,3-Dichlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
1,4-Dichlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2,4,5-Trichlorophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2,4,6-Trichlorophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2,4-Dichlorophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2,4-Dimethylphenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2,4-Dinitrophenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
2,4-Dinitrotoluene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2,6-Dinitrotoluene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2-Chloronaphthalene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Client Sample ID: WC

Lab Sample ID: 880-18907-1

Date Collected: 09/07/22 09:30

Matrix: Solid

Date Received: 09/07/22 11:43

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2-Methylnaphthalene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2-Methylphenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
2-Nitroaniline	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
2-Nitrophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
3 & 4 Methylphenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
3,3'-Dichlorobenzidine	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
3-Nitroaniline	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
4,6-Dinitro-2-methylphenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
4-Bromophenyl phenyl ether	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
4-Chloro-3-methylphenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
4-Chloroaniline	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
4-Chlorophenyl phenyl ether	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
4-Nitroaniline	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
4-Nitrophenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
Acenaphthene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Acenaphthylene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Aniline (Phenylamine, Aminobenzene)	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
Anthracene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Benzo[a]anthracene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Benzo[a]pyrene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Benzo[b]fluoranthene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Benzo[g,h,i]perylene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Benzo[k]fluoranthene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Benzoic acid	<0.999	U	0.999		mg/L		09/09/22 10:12	09/09/22 16:20	1
Butyl benzyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Bis(2-chloroethoxy)methane	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Bis(2-chloroethyl)ether	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
bis (2-chloroisopropyl) ether	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Bis(2-ethylhexyl) phthalate	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
Chrysene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Dibenz(a,h)anthracene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Dibenzofuran	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Diethyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Dimethyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Di-n-butyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Di-n-octyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Fluoranthene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Fluorene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Hexachlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Hexachlorobutadiene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Hexachlorocyclopentadiene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Hexachloroethane	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Indeno[1,2,3-cd]pyrene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Isophorone	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Naphthalene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Nitrobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
N-Nitrosodi-n-propylamine	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
N-Nitrosodiphenylamine	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Client Sample ID: WC

Lab Sample ID: 880-18907-1

Date Collected: 09/07/22 09:30

Matrix: Solid

Date Received: 09/07/22 11:43

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
Phenanthrene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Phenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1
Pyrene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:20	1
Pyridine	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		19 - 122	09/09/22 10:12	09/09/22 16:20	1
2-Fluorobiphenyl (Surr)	72		30 - 115	09/09/22 10:12	09/09/22 16:20	1
2-Fluorophenol (Surr)	62		25 - 121	09/09/22 10:12	09/09/22 16:20	1
Nitrobenzene-d5 (Surr)	67		23 - 129	09/09/22 10:12	09/09/22 16:20	1
p-Terphenyl-d14 (Surr)	71		18 - 137	09/09/22 10:12	09/09/22 16:20	1
Phenol-d5 (Surr)	65		24 - 113	09/09/22 10:12	09/09/22 16:20	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.86		1.27		mg/Kg		09/09/22 15:33	09/09/22 20:17	1
Barium	5.10		0.847		mg/Kg		09/09/22 15:33	09/09/22 20:17	1
Cadmium	<0.847	U	0.847		mg/Kg		09/09/22 15:33	09/09/22 20:17	1
Chromium	6.77		0.847		mg/Kg		09/09/22 15:33	09/09/22 20:17	1
Lead	<0.847	U	0.847		mg/Kg		09/09/22 15:33	09/09/22 20:17	1
Selenium	<2.54	U	2.54		mg/Kg		09/09/22 15:33	09/09/22 20:17	1
Silver	<1.69	U	1.69		mg/Kg		09/09/22 15:33	09/09/22 20:17	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0500	U	0.0500		mg/L		09/12/22 08:30	09/12/22 22:14	1
Barium	0.900		0.0500		mg/L		09/12/22 08:30	09/12/22 22:14	1
Cadmium	<0.0250	U	0.0250		mg/L		09/12/22 08:30	09/12/22 22:14	1
Chromium	<0.0500	U	0.0500		mg/L		09/12/22 08:30	09/12/22 22:14	1
Lead	<0.0500	U	0.0500		mg/L		09/12/22 08:30	09/12/22 22:14	1
Selenium	<0.150	U	0.150		mg/L		09/12/22 08:30	09/12/22 22:14	1
Silver	<0.100	U	0.100		mg/L		09/12/22 08:30	09/12/22 22:14	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200	U	0.000200		mg/L		09/12/22 11:58	09/12/22 16:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0169	U	0.0169		mg/Kg		09/09/22 09:14	09/09/22 14:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	<0.0250	U	0.0250		mg/Kg		09/09/22 10:31	09/09/22 14:05	1
Sulfide, Reactive	<6.25	U	6.25		mg/Kg		09/09/22 10:31	09/09/22 15:19	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		1.00		Degrees F			09/12/22 14:48	1

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Client Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Client Sample ID: WC
Date Collected: 09/07/22 09:30
Date Received: 09/07/22 11:43

Lab Sample ID: 880-18907-1
Matrix: Solid

General Chemistry - Soluble									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4	HF			SU			09/12/22 16:44	1
Temperature	21.3	HF			Deg. C			09/12/22 16:44	1
Corrosivity	8.4	HF			SU			09/12/22 16:44	1

Surrogate Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
880-18790-A-4-B MS	Matrix Spike	96	98	99	99
880-18907-1	WC	105	105	103	102
LCS 860-68602/3	Lab Control Sample	101	96	105	100
LCSD 860-68602/4	Lab Control Sample Dup	102	93	104	97
MB 860-68602/8	Method Blank	101	98	101	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (19-122)	FBP (30-115)	2FP (25-121)	NBZ (23-129)	TPHd14 (18-137)	PHL (24-113)
880-18907-1	WC	77	72	62	67	71	65
880-18907-1 MS	WC	86	77	62	65	70	64
880-18907-1 MSD	WC	84	70	63	65	75	66
LCS 860-68419/2-A	Lab Control Sample	61	65	66	68	67	71
LCSD 860-68419/3-A	Lab Control Sample Dup	62	67	68	70	69	71
MB 860-68419/1-A	Method Blank	51	67	66	65	76	65

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-68602/8

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/12/22 13:59	1
cis-1,2-Dichloroethene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
cis-1,3-Dichloropropene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Isopropylbenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/12/22 13:59	1
n-Butylbenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
N-Propylbenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/12/22 13:59	1
p-Cymene (p-Isopropyltoluene)	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
tert-Butylbenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
trans-1,2-Dichloroethene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
trans-1,3-Dichloropropene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Vinyl chloride	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,1,1,2-Tetrachloroethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,1,1-Trichloroethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,1,2,2-Tetrachloroethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,1,2-Trichloroethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,1-Dichloroethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,1-Dichloroethene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,1-Dichloropropene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2,3-Trichlorobenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2,3-Trichloropropane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2,4-Trichlorobenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2,4-Trimethylbenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2-Dibromoethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2-Dichlorobenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2-Dichloroethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,2-Dichloropropane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,3,5-Trimethylbenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,3-Dichlorobenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,3-Dichloropropane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
1,4-Dichlorobenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
2,2-Dichloropropane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
2-Butanone	<0.0200	U	0.0200		mg/Kg			09/12/22 13:59	1
4-Chlorotoluene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Benzene	<0.00100	U	0.00100		mg/Kg			09/12/22 13:59	1
Bromobenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Bromochloromethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Bromodichloromethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Bromoform	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Bromomethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Carbon tetrachloride	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Chlorobenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Chloroethane	<0.0100	U	0.0100		mg/Kg			09/12/22 13:59	1
Chloroform	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Chloromethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Dibromochloromethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-68602/8

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/12/22 13:59	1
Hexachlorobutadiene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
MTBE	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Methylene Chloride	<0.0200	U	0.0200		mg/Kg			09/12/22 13:59	1
Naphthalene	<0.0100	U	0.0100		mg/Kg			09/12/22 13:59	1
sec-Butylbenzene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Styrene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Tetrachloroethene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Trichloroethene	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1
Trichlorofluoromethane	<0.00500	U	0.00500		mg/Kg			09/12/22 13:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150		09/12/22 13:59	1
4-Bromofluorobenzene (Surr)	98		68 - 152		09/12/22 13:59	1
Dibromofluoromethane (Surr)	101		53 - 142		09/12/22 13:59	1
Toluene-d8 (Surr)	98		70 - 130		09/12/22 13:59	1

Lab Sample ID: LCS 860-68602/3

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0500	0.06069		mg/Kg		121	72 - 131
cis-1,3-Dichloropropene	0.0500	0.05662		mg/Kg		113	74 - 135
Isopropylbenzene	0.0500	0.05993		mg/Kg		120	55 - 155
m,p-Xylenes	0.0500	0.05752		mg/Kg		115	78 - 130
n-Butylbenzene	0.0500	0.05817		mg/Kg		116	82 - 130
N-Propylbenzene	0.0500	0.05797		mg/Kg		116	84 - 131
o-Xylene	0.0500	0.05682		mg/Kg		114	79 - 130
p-Cymene (p-Isopropyltoluene)	0.0500	0.05822		mg/Kg		116	84 - 130
tert-Butylbenzene	0.0500	0.05819		mg/Kg		116	83 - 132
trans-1,2-Dichloroethene	0.0500	0.06857	*+	mg/Kg		137	63 - 130
trans-1,3-Dichloropropene	0.0500	0.05491		mg/Kg		110	73 - 130
Vinyl chloride	0.0500	0.06596	*+	mg/Kg		132	60 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05699		mg/Kg		114	81 - 130
1,1,1-Trichloroethane	0.0500	0.06860	*+	mg/Kg		137	71 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04817		mg/Kg		96	75 - 133
1,1,2-Trichloroethane	0.0500	0.05376		mg/Kg		108	75 - 131
1,1-Dichloroethane	0.0500	0.06434		mg/Kg		129	73 - 130
1,1-Dichloroethene	0.0500	0.07332	*+	mg/Kg		147	68 - 130
1,1-Dichloropropene	0.0500	0.07014	*+	mg/Kg		140	72 - 130
1,2,3-Trichlorobenzene	0.0500	0.08934	*+	mg/Kg		179	75 - 131
1,2,3-Trichloropropane	0.0500	0.04727		mg/Kg		95	75 - 131
1,2,4-Trichlorobenzene	0.0500	0.06786	*+	mg/Kg		136	79 - 130
1,2,4-Trimethylbenzene	0.0500	0.05544		mg/Kg		111	60 - 159
1,2-Dibromo-3-Chloropropane	0.0500	0.05424		mg/Kg		108	58 - 133

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-68602/3

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.0500	0.05417		mg/Kg		108	73 - 130
1,2-Dichlorobenzene	0.0500	0.05702		mg/Kg		114	84 - 130
1,2-Dichloroethane	0.0500	0.05596		mg/Kg		112	70 - 130
1,2-Dichloropropane	0.0500	0.05784		mg/Kg		116	75 - 130
1,3,5-Trimethylbenzene	0.0500	0.05660		mg/Kg		113	61 - 160
1,3-Dichlorobenzene	0.0500	0.05636		mg/Kg		113	84 - 130
1,3-Dichloropropane	0.0500	0.05461		mg/Kg		109	82 - 131
1,4-Dichlorobenzene	0.0500	0.05622		mg/Kg		112	82 - 130
2,2-Dichloropropane	0.0500	0.06445		mg/Kg		129	67 - 137
2-Butanone	0.250	0.2255		mg/Kg		90	75 - 130
4-Chlorotoluene	0.0500	0.05545		mg/Kg		111	83 - 130
Benzene	0.0500	0.06070		mg/Kg		121	66 - 142
Bromobenzene	0.0500	0.05469		mg/Kg		109	75 - 130
Bromochloromethane	0.0500	0.05956		mg/Kg		119	71 - 130
Bromodichloromethane	0.0500	0.05690		mg/Kg		114	78 - 130
Bromoform	0.0500	0.05337		mg/Kg		107	63 - 136
Bromomethane	0.0500	0.06807		mg/Kg		136	60 - 140
Carbon tetrachloride	0.0500	0.07009	*+	mg/Kg		140	63 - 135
Chlorobenzene	0.0500	0.05737		mg/Kg		115	83 - 130
Chloroethane	0.0500	0.06874	*+	mg/Kg		137	57 - 130
Chloroform	0.0500	0.06084		mg/Kg		122	74 - 130
Chloromethane	0.0500	0.06983	*+	mg/Kg		140	58 - 130
Dibromochloromethane	0.0500	0.05574		mg/Kg		111	77 - 130
Dichlorodifluoromethane	0.0500	0.07747	*+	mg/Kg		155	54 - 130
Ethylbenzene	0.0500	0.05983		mg/Kg		120	80 - 130
Hexachlorobutadiene	0.0500	0.05527		mg/Kg		111	77 - 130
MTBE	0.0500	0.05624		mg/Kg		112	64 - 148
Methylene Chloride	0.0500	0.04702		mg/Kg		94	57 - 134
Naphthalene	0.0500	0.07367		mg/Kg		147	53 - 150
sec-Butylbenzene	0.0500	0.05787		mg/Kg		116	84 - 131
Styrene	0.0500	0.05450		mg/Kg		109	80 - 130
Tetrachloroethene	0.0500	0.06693	*+	mg/Kg		134	79 - 130
Toluene	0.0500	0.05964		mg/Kg		119	74 - 130
Trichloroethene	0.0500	0.06612	*+	mg/Kg		132	78 - 130
Trichlorofluoromethane	0.0500	0.06266		mg/Kg		125	71 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		56 - 150
4-Bromofluorobenzene (Surr)	96		68 - 152
Dibromofluoromethane (Surr)	105		53 - 142
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 860-68602/4

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0500	0.05960		mg/Kg		119	72 - 131	2	25

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-68602/4

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0500	0.05505		mg/Kg		110	74 - 135	3	25
Isopropylbenzene	0.0500	0.05783		mg/Kg		116	55 - 155	4	25
m,p-Xylenes	0.0500	0.05587		mg/Kg		112	78 - 130	3	25
n-Butylbenzene	0.0500	0.05417		mg/Kg		108	82 - 130	7	25
N-Propylbenzene	0.0500	0.05370		mg/Kg		107	84 - 131	8	25
o-Xylene	0.0500	0.05569		mg/Kg		111	79 - 130	2	25
p-Cymene (p-Isopropyltoluene)	0.0500	0.05366		mg/Kg		107	84 - 130	8	25
tert-Butylbenzene	0.0500	0.05281		mg/Kg		106	83 - 132	10	25
trans-1,2-Dichloroethene	0.0500	0.06493		mg/Kg		130	63 - 130	5	25
trans-1,3-Dichloropropene	0.0500	0.05314		mg/Kg		106	73 - 130	3	25
Vinyl chloride	0.0500	0.07329	*+	mg/Kg		147	60 - 130	11	25
1,1,1,2-Tetrachloroethane	0.0500	0.05498		mg/Kg		110	81 - 130	4	25
1,1,1-Trichloroethane	0.0500	0.06471		mg/Kg		129	71 - 130	6	25
1,1,2,2-Tetrachloroethane	0.0500	0.04708		mg/Kg		94	75 - 133	2	25
1,1,2-Trichloroethane	0.0500	0.05376		mg/Kg		108	75 - 131	0	25
1,1-Dichloroethane	0.0500	0.06153		mg/Kg		123	73 - 130	4	25
1,1-Dichloroethene	0.0500	0.06945	*+	mg/Kg		139	68 - 130	5	25
1,1-Dichloropropene	0.0500	0.06568	*+	mg/Kg		131	72 - 130	7	25
1,2,3-Trichlorobenzene	0.0500	0.09742	*+	mg/Kg		195	75 - 131	9	25
1,2,3-Trichloropropane	0.0500	0.03932		mg/Kg		79	75 - 131	18	25
1,2,4-Trichlorobenzene	0.0500	0.06791	*+	mg/Kg		136	79 - 130	0	25
1,2,4-Trimethylbenzene	0.0500	0.05119		mg/Kg		102	60 - 159	8	25
1,2-Dibromo-3-Chloropropane	0.0500	0.05574		mg/Kg		111	58 - 133	3	25
1,2-Dibromoethane	0.0500	0.05398		mg/Kg		108	73 - 130	0	25
1,2-Dichlorobenzene	0.0500	0.05314		mg/Kg		106	84 - 130	7	25
1,2-Dichloroethane	0.0500	0.05531		mg/Kg		111	70 - 130	1	25
1,2-Dichloropropane	0.0500	0.05614		mg/Kg		112	75 - 130	3	25
1,3,5-Trimethylbenzene	0.0500	0.05213		mg/Kg		104	61 - 160	8	25
1,3-Dichlorobenzene	0.0500	0.05271		mg/Kg		105	84 - 130	7	25
1,3-Dichloropropane	0.0500	0.05401		mg/Kg		108	82 - 131	1	25
1,4-Dichlorobenzene	0.0500	0.05228		mg/Kg		105	82 - 130	7	25
2,2-Dichloropropane	0.0500	0.06258		mg/Kg		125	67 - 137	3	25
2-Butanone	0.250	0.2402		mg/Kg		96	75 - 130	6	25
4-Chlorotoluene	0.0500	0.05094		mg/Kg		102	83 - 130	8	25
Benzene	0.0500	0.05777		mg/Kg		116	66 - 142	5	25
Bromobenzene	0.0500	0.05185		mg/Kg		104	75 - 130	5	25
Bromochloromethane	0.0500	0.05896		mg/Kg		118	71 - 130	1	25
Bromodichloromethane	0.0500	0.05534		mg/Kg		111	78 - 130	3	25
Bromoform	0.0500	0.05426		mg/Kg		109	63 - 136	2	25
Bromomethane	0.0500	0.07552	*+	mg/Kg		151	60 - 140	10	25
Carbon tetrachloride	0.0500	0.06528		mg/Kg		131	63 - 135	7	25
Chlorobenzene	0.0500	0.05481		mg/Kg		110	83 - 130	5	25
Chloroethane	0.0500	0.07587	*+	mg/Kg		152	57 - 130	10	25
Chloroform	0.0500	0.05938		mg/Kg		119	74 - 130	2	25
Chloromethane	0.0500	0.07425	*+	mg/Kg		148	58 - 130	6	25
Dibromochloromethane	0.0500	0.05503		mg/Kg		110	77 - 130	1	25
Dichlorodifluoromethane	0.0500	0.08483	*+	mg/Kg		170	54 - 130	9	25
Ethylbenzene	0.0500	0.05724		mg/Kg		114	80 - 130	4	25
Hexachlorobutadiene	0.0500	0.05247		mg/Kg		105	77 - 130	5	25

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-68602/4

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
MTBE	0.0500	0.05635		mg/Kg		113	64 - 148	0	25
Methylene Chloride	0.0500	0.04610		mg/Kg		92	57 - 134	2	25
Naphthalene	0.0500	0.08164	*+	mg/Kg		163	53 - 150	10	25
sec-Butylbenzene	0.0500	0.05373		mg/Kg		107	84 - 131	7	25
Styrene	0.0500	0.05302		mg/Kg		106	80 - 130	3	25
Tetrachloroethene	0.0500	0.06258		mg/Kg		125	79 - 130	7	25
Toluene	0.0500	0.05671		mg/Kg		113	74 - 130	5	25
Trichloroethene	0.0500	0.06401		mg/Kg		128	78 - 130	3	25
Trichlorofluoromethane	0.0500	0.06791		mg/Kg		136	71 - 148	8	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		56 - 150
4-Bromofluorobenzene (Surr)	93		68 - 152
Dibromofluoromethane (Surr)	104		53 - 142
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: 880-18790-A-4-B MS

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	<0.248	U	2.48	2.584		mg/Kg		104	72 - 131
cis-1,3-Dichloropropene	<0.248	U	2.48	2.492		mg/Kg		101	74 - 135
Isopropylbenzene	<0.248	U	2.48	2.647		mg/Kg		107	55 - 155
m,p-Xylenes	<0.0990	U	2.48	2.533		mg/Kg		102	78 - 127
n-Butylbenzene	<0.248	U	2.48	2.220		mg/Kg		90	82 - 127
N-Propylbenzene	<0.248	U	2.48	2.461		mg/Kg		99	84 - 131
o-Xylene	<0.0495	U	2.48	2.572		mg/Kg		104	79 - 125
p-Cymene (p-Isopropyltoluene)	<0.248	U	2.48	2.455		mg/Kg		99	84 - 130
tert-Butylbenzene	<0.248	U	2.48	2.522		mg/Kg		102	83 - 132
trans-1,2-Dichloroethene	<0.248	U ** F1	2.48	2.867	F1	mg/Kg		116	63 - 110
trans-1,3-Dichloropropene	<0.248	U	2.48	2.431		mg/Kg		98	73 - 125
Vinyl chloride	<0.248	U ** F1	2.48	1.110	F1	mg/Kg		45	60 - 123
1,1,1,2-Tetrachloroethane	<0.248	U	2.48	2.520		mg/Kg		102	81 - 127
1,1,1-Trichloroethane	<0.248	U **	2.48	2.649		mg/Kg		107	71 - 124
1,1,2,2-Tetrachloroethane	<0.248	U	2.48	2.328		mg/Kg		94	75 - 133
1,1,2-Trichloroethane	<0.248	U	2.48	2.582		mg/Kg		104	75 - 131
1,1-Dichloroethane	<0.248	U	2.48	2.786		mg/Kg		113	73 - 124
1,1-Dichloroethene	<0.248	U ** F1	2.48	3.079	F1	mg/Kg		124	68 - 119
1,1-Dichloropropene	<0.248	U **	2.48	2.792		mg/Kg		113	72 - 118
1,2,3-Trichlorobenzene	<0.248	U ** F1	2.48	1.153	F1	mg/Kg		47	75 - 131
1,2,3-Trichloropropane	<0.248	U	2.48	2.408		mg/Kg		97	75 - 131
1,2,4-Trichlorobenzene	<0.248	U ** F1	2.48	1.523	F1	mg/Kg		62	79 - 128
1,2,4-Trimethylbenzene	<0.248	U	2.48	2.328		mg/Kg		94	60 - 159
1,2-Dibromo-3-Chloropropane	<0.248	U	2.48	2.218		mg/Kg		90	58 - 133
1,2-Dibromoethane	<0.248	U	2.48	2.595		mg/Kg		105	73 - 125
1,2-Dichlorobenzene	<0.248	U	2.48	2.406		mg/Kg		97	84 - 121
1,2-Dichloroethane	<0.248	U	2.48	2.585		mg/Kg		104	70 - 123

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 880-18790-A-4-B MS

Matrix: Solid

Analysis Batch: 68602

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	<0.248	U	2.48	2.600		mg/Kg		105	75 - 122
1,3,5-Trimethylbenzene	<0.248	U	2.48	2.495		mg/Kg		101	61 - 160
1,3-Dichlorobenzene	<0.248	U	2.48	2.410		mg/Kg		97	84 - 124
1,3-Dichloropropane	<0.248	U	2.48	2.648		mg/Kg		107	82 - 131
1,4-Dichlorobenzene	<0.248	U	2.48	2.413		mg/Kg		97	82 - 120
2,2-Dichloropropane	<0.248	U	2.48	2.474		mg/Kg		100	67 - 137
2-Butanone	<0.990	U	12.4	10.99		mg/Kg		89	75 - 125
4-Chlorotoluene	<0.248	U	2.48	2.414		mg/Kg		98	83 - 125
Benzene	<0.0495	U	2.48	2.623		mg/Kg		106	71 - 119
Bromobenzene	<0.248	U	2.48	2.575		mg/Kg		104	84 - 123
Bromochloromethane	<0.248	U	2.48	2.622		mg/Kg		106	71 - 120
Bromodichloromethane	<0.248	U	2.48	2.384		mg/Kg		96	78 - 126
Bromoform	<0.248	U	2.48	2.143		mg/Kg		87	63 - 136
Bromomethane	<0.248	U *+ F1	2.48	1.098	F1	mg/Kg		44	73 - 126
Carbon tetrachloride	<0.248	U *+	2.48	2.494		mg/Kg		101	63 - 135
Chlorobenzene	<0.248	U	2.48	2.614		mg/Kg		106	83 - 121
Chloroethane	<0.495	U *+ F1	2.48	0.5524	F1	mg/Kg		22	57 - 122
Chloroform	<0.248	U	2.48	2.696		mg/Kg		109	74 - 118
Chloromethane	<0.248	U *+ F1	2.48	3.079	F1	mg/Kg		124	58 - 110
Dibromochloromethane	<0.248	U	2.48	2.367		mg/Kg		96	77 - 130
Dichlorodifluoromethane	<0.248	U *+ F1	2.48	1.253	F1	mg/Kg		51	54 - 122
Ethylbenzene	<0.0495	U	2.48	2.628		mg/Kg		106	80 - 123
Hexachlorobutadiene	<0.248	U F1	2.48	1.758	F1	mg/Kg		71	77 - 130
MTBE	<0.248	U	2.48	2.707		mg/Kg		109	64 - 148
Methylene Chloride	<0.990	U	2.48	2.462		mg/Kg		99	57 - 134
Naphthalene	<0.495	U *+ F1	2.48	1.287	F1	mg/Kg		52	53 - 162
sec-Butylbenzene	<0.248	U	2.48	2.475		mg/Kg		100	84 - 131
Styrene	<0.248	U	2.48	2.459		mg/Kg		99	80 - 126
Tetrachloroethene	<0.248	U *+	2.48	2.782		mg/Kg		112	79 - 124
Toluene	<0.248	U	2.48	2.628		mg/Kg		106	74 - 122
Trichloroethene	<0.248	U *+	2.48	2.789		mg/Kg		113	78 - 119
Trichlorofluoromethane	<0.248	U F1	2.48	1.035	F1	mg/Kg		42	71 - 148

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		56 - 150
4-Bromofluorobenzene (Surr)	98		68 - 152
Dibromofluoromethane (Surr)	99		53 - 142
Toluene-d8 (Surr)	99		70 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-68419/1-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
1,2-Dichlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
1,3-Dichlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-68419/1-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2,4,5-Trichlorophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2,4,6-Trichlorophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2,4-Dichlorophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2,4-Dimethylphenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2,4-Dinitrophenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2,4-Dinitrotoluene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2,6-Dinitrotoluene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2-Chloronaphthalene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2-Chlorophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2-Methylnaphthalene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2-Methylphenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2-Nitroaniline	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
2-Nitrophenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
3 & 4 Methylphenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
3,3'-Dichlorobenzidine	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
3-Nitroaniline	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
4,6-Dinitro-2-methylphenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
4-Bromophenyl phenyl ether	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
4-Chloro-3-methylphenol	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
4-Chloroaniline	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
4-Chlorophenyl phenyl ether	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
4-Nitroaniline	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
4-Nitrophenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Acenaphthene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Acenaphthylene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Aniline (Phenylamine, Aminobenzene)	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Anthracene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Benzo[a]anthracene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Benzo[a]pyrene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Benzo[b]fluoranthene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Benzo[g,h,i]perylene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Benzo[k]fluoranthene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Benzoic acid	<1.00	U	1.00		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Butyl benzyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Bis(2-chloroethoxy)methane	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Bis(2-chloroethyl)ether	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
bis (2-chloroisopropyl) ether	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Bis(2-ethylhexyl) phthalate	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Chrysene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Dibenz(a,h)anthracene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Dibenzofuran	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Diethyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Dimethyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Di-n-butyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Di-n-octyl phthalate	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Fluoranthene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Fluorene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Hexachlorobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-68419/1-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Hexachlorocyclopentadiene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Hexachloroethane	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Indeno[1,2,3-cd]pyrene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Isophorone	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Naphthalene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Nitrobenzene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
N-Nitrosodi-n-propylamine	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
N-Nitrosodiphenylamine	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Pentachlorophenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Phenanthrene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Phenol	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Pyrene	<0.167	U	0.167		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Pyridine	<0.333	U	0.333		mg/Kg		09/09/22 10:12	09/09/22 16:47	1
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
1,2-Dichlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
1,3-Dichlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
1,4-Dichlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2,4,5-Trichlorophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2,4,6-Trichlorophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2,4-Dichlorophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2,4-Dimethylphenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2,4-Dinitrophenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
2,4-Dinitrotoluene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2,6-Dinitrotoluene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2-Chloronaphthalene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2-Chlorophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2-Methylnaphthalene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2-Methylphenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
2-Nitroaniline	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
2-Nitrophenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
3 & 4 Methylphenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
3,3'-Dichlorobenzidine	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
3-Nitroaniline	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
4,6-Dinitro-2-methylphenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
4-Bromophenyl phenyl ether	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
4-Chloro-3-methylphenol	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
4-Chloroaniline	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
4-Chlorophenyl phenyl ether	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
4-Nitroaniline	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
4-Nitrophenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
Acenaphthene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Acenaphthylene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Aniline (Phenylamine, Aminobenzene)	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
Anthracene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Benzo[a]anthracene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Benzo[a]pyrene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-68419/1-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Benzo[g,h,i]perylene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Benzo[k]fluoranthene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Benzoic acid	<1.00	U	1.00		mg/L		09/09/22 10:12	09/09/22 16:47	1
Butyl benzyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Bis(2-chloroethoxy)methane	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Bis(2-chloroethyl)ether	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
bis (2-chloroisopropyl) ether	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Bis(2-ethylhexyl) phthalate	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
Chrysene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Dibenz(a,h)anthracene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Dibenzofuran	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Diethyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Dimethyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Di-n-butyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Di-n-octyl phthalate	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Fluoranthene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Fluorene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Hexachlorobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Hexachlorobutadiene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Hexachlorocyclopentadiene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Hexachloroethane	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Indeno[1,2,3-cd]pyrene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Isophorone	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Naphthalene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Nitrobenzene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
N-Nitrosodi-n-propylamine	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
N-Nitrosodiphenylamine	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Pentachlorophenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
Phenanthrene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Phenol	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1
Pyrene	<0.167	U	0.167		mg/L		09/09/22 10:12	09/09/22 16:47	1
Pyridine	<0.333	U	0.333		mg/L		09/09/22 10:12	09/09/22 16:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	51		19 - 122	09/09/22 10:12	09/09/22 16:47	1
2-Fluorobiphenyl (Surr)	67		30 - 115	09/09/22 10:12	09/09/22 16:47	1
2-Fluorophenol (Surr)	66		25 - 121	09/09/22 10:12	09/09/22 16:47	1
Nitrobenzene-d5 (Surr)	65		23 - 129	09/09/22 10:12	09/09/22 16:47	1
p-Terphenyl-d14 (Surr)	76		18 - 137	09/09/22 10:12	09/09/22 16:47	1
Phenol-d5 (Surr)	65		24 - 113	09/09/22 10:12	09/09/22 16:47	1

Lab Sample ID: LCS 860-68419/2-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	1.33	0.8274		mg/Kg		62	35 - 129

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-68419/2-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	1.33	0.8280		mg/Kg		62	38 - 122
1,3-Dichlorobenzene	1.33	0.8325		mg/Kg		62	38 - 120
1,4-Dichlorobenzene	1.33	0.8305		mg/Kg		62	37 - 121
2,4,5-Trichlorophenol	1.33	0.8073		mg/Kg		61	40 - 135
2,4,6-Trichlorophenol	1.33	0.8113		mg/Kg		61	39 - 139
2,4-Dichlorophenol	1.33	0.8258		mg/Kg		62	36 - 135
2,4-Dimethylphenol	1.33	0.9676		mg/Kg		73	38 - 133
2,4-Dinitrophenol	1.33	0.8084		mg/Kg		61	19 - 131
2,4-Dinitrotoluene	1.33	0.8787		mg/Kg		66	48 - 131
2,6-Dinitrotoluene	1.33	0.8718		mg/Kg		65	42 - 136
2-Chloronaphthalene	1.33	0.8870		mg/Kg		67	32 - 138
2-Chlorophenol	1.33	0.8923		mg/Kg		67	38 - 125
2-Methylnaphthalene	1.33	0.8603		mg/Kg		65	36 - 126
2-Methylphenol	1.33	0.9585		mg/Kg		72	37 - 128
2-Nitroaniline	1.33	0.9200		mg/Kg		69	30 - 133
2-Nitrophenol	1.33	0.8382		mg/Kg		63	33 - 142
3 & 4 Methylphenol	1.33	0.9721		mg/Kg		73	38 - 126
3,3'-Dichlorobenzidine	1.33	0.7161		mg/Kg		54	35 - 134
3-Nitroaniline	1.33	0.8265		mg/Kg		62	41 - 135
4,6-Dinitro-2-methylphenol	1.33	0.8159		mg/Kg		61	30 - 146
4-Bromophenyl phenyl ether	1.33	0.8717		mg/Kg		65	37 - 140
4-Chloro-3-methylphenol	1.33	0.8221		mg/Kg		62	40 - 134
4-Chloroaniline	1.33	0.9207		mg/Kg		69	34 - 124
4-Chlorophenyl phenyl ether	1.33	0.8595		mg/Kg		64	41 - 131
4-Nitroaniline	1.33	0.8532		mg/Kg		64	46 - 132
4-Nitrophenol	1.33	0.8394		mg/Kg		63	21 - 152
Acenaphthene	1.33	0.8518		mg/Kg		64	37 - 131
Acenaphthylene	1.33	0.9072		mg/Kg		68	39 - 129
Aniline (Phenylamine, Aminobenzene)	1.33	0.8659		mg/Kg		65	33 - 117
Anthracene	1.33	0.9191		mg/Kg		69	39 - 139
Benzo[a]anthracene	1.33	0.9108		mg/Kg		68	44 - 135
Benzo[a]pyrene	1.33	0.9294		mg/Kg		70	43 - 153
Benzo[b]fluoranthene	1.33	0.9066		mg/Kg		68	40 - 153
Benzo[g,h,i]perylene	1.33	0.9460		mg/Kg		71	40 - 153
Benzo[k]fluoranthene	1.33	0.9775		mg/Kg		73	33 - 156
Benzoic acid	4.00	1.742		mg/Kg		44	31 - 165
Butyl benzyl phthalate	1.33	0.8710		mg/Kg		65	43 - 145
Bis(2-chloroethoxy)methane	1.33	0.9029		mg/Kg		68	30 - 129
Bis(2-chloroethyl)ether	1.33	0.8386		mg/Kg		63	33 - 127
bis (2-chloroisopropyl) ether	1.33	0.9147		mg/Kg		69	25 - 124
Bis(2-ethylhexyl) phthalate	1.33	0.9616		mg/Kg		72	46 - 145
Chrysene	1.33	0.8871		mg/Kg		67	42 - 135
Dibenz(a,h)anthracene	1.33	0.8591		mg/Kg		64	41 - 155
Dibenzofuran	1.33	0.8676		mg/Kg		65	39 - 132
Diethyl phthalate	1.33	0.9101		mg/Kg		68	45 - 131
Dimethyl phthalate	1.33	0.9072		mg/Kg		68	43 - 132
Di-n-butyl phthalate	1.33	0.8988		mg/Kg		67	43 - 142
Di-n-octyl phthalate	1.33	0.8359		mg/Kg		63	34 - 166

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-68419/2-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	1.33	0.9438		mg/Kg		71	41 - 138
Fluorene	1.33	0.8963		mg/Kg		67	41 - 131
Hexachlorobenzene	1.33	0.8103		mg/Kg		61	36 - 142
Hexachlorobutadiene	1.33	0.8218		mg/Kg		62	35 - 129
Hexachlorocyclopentadiene	1.33	0.8200		mg/Kg		61	16 - 106
Hexachloroethane	1.33	0.8317		mg/Kg		62	36 - 121
Indeno[1,2,3-cd]pyrene	1.33	0.9773		mg/Kg		73	39 - 154
Isophorone	1.33	0.9002		mg/Kg		68	36 - 128
Naphthalene	1.33	0.8508		mg/Kg		64	35 - 128
Nitrobenzene	1.33	0.9105		mg/Kg		68	32 - 129
N-Nitrosodi-n-propylamine	1.33	0.9195		mg/Kg		69	34 - 129
N-Nitrosodiphenylamine	1.33	0.9376		mg/Kg		70	27 - 155
Pentachlorophenol	1.33	0.7511		mg/Kg		56	14 - 148
Phenanthrene	1.33	0.8619		mg/Kg		65	37 - 139
Phenol	1.33	0.9157		mg/Kg		69	34 - 127
Pyrene	1.33	0.9084		mg/Kg		68	42 - 138
Pyridine	1.33	0.7066		mg/Kg		53	30 - 113

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	1.33	0.8274		mg/L		62	35 - 129
1,2-Dichlorobenzene	1.33	0.8280		mg/L		62	38 - 122
1,3-Dichlorobenzene	1.33	0.8325		mg/L		62	38 - 120
1,4-Dichlorobenzene	1.33	0.8305		mg/L		62	37 - 121
2,4,5-Trichlorophenol	1.33	0.8073		mg/L		61	40 - 135
2,4,6-Trichlorophenol	1.33	0.8113		mg/L		61	39 - 139
2,4-Dichlorophenol	1.33	0.8258		mg/L		62	36 - 135
2,4-Dimethylphenol	1.33	0.9676		mg/L		73	38 - 133
2,4-Dinitrophenol	1.33	0.8084		mg/L		61	19 - 131
2,4-Dinitrotoluene	1.33	0.8787		mg/L		66	48 - 131
2,6-Dinitrotoluene	1.33	0.8718		mg/L		65	42 - 136
2-Chloronaphthalene	1.33	0.8870		mg/L		67	32 - 138
2-Chlorophenol	1.33	0.8923		mg/L		67	38 - 125
2-Methylnaphthalene	1.33	0.8603		mg/L		65	36 - 126
2-Methylphenol	1.33	0.9585		mg/L		72	37 - 128
2-Nitroaniline	1.33	0.9200		mg/L		69	30 - 133
2-Nitrophenol	1.33	0.8382		mg/L		63	33 - 142
3 & 4 Methylphenol	1.33	0.9721		mg/L		73	38 - 126
3,3'-Dichlorobenzidine	1.33	0.7161		mg/L		54	35 - 134
3-Nitroaniline	1.33	0.8265		mg/L		62	41 - 135
4,6-Dinitro-2-methylphenol	1.33	0.8159		mg/L		61	30 - 146
4-Bromophenyl phenyl ether	1.33	0.8717		mg/L		65	37 - 140
4-Chloro-3-methylphenol	1.33	0.8221		mg/L		62	40 - 134
4-Chloroaniline	1.33	0.9207		mg/L		69	34 - 124
4-Chlorophenyl phenyl ether	1.33	0.8595		mg/L		64	41 - 131
4-Nitroaniline	1.33	0.8532		mg/L		64	46 - 132
4-Nitrophenol	1.33	0.8394		mg/L		63	21 - 152
Acenaphthene	1.33	0.8518		mg/L		64	37 - 131
Acenaphthylene	1.33	0.9072		mg/L		68	39 - 129

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-68419/2-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aniline (Phenylamine, Aminobenzene)	1.33	0.8659		mg/L		65	33 - 117
Anthracene	1.33	0.9191		mg/L		69	39 - 139
Benzo[a]anthracene	1.33	0.9108		mg/L		68	44 - 135
Benzo[a]pyrene	1.33	0.9294		mg/L		70	43 - 153
Benzo[b]fluoranthene	1.33	0.9066		mg/L		68	40 - 153
Benzo[g,h,i]perylene	1.33	0.9460		mg/L		71	40 - 153
Benzo[k]fluoranthene	1.33	0.9775		mg/L		73	33 - 156
Benzoic acid	4.00	1.742		mg/L		44	31 - 165
Butyl benzyl phthalate	1.33	0.8710		mg/L		65	43 - 145
Bis(2-chloroethoxy)methane	1.33	0.9029		mg/L		68	30 - 129
Bis(2-chloroethyl)ether	1.33	0.8386		mg/L		63	33 - 127
bis (2-chloroisopropyl) ether	1.33	0.9147		mg/L		69	25 - 124
Bis(2-ethylhexyl) phthalate	1.33	0.9616		mg/L		72	46 - 145
Chrysene	1.33	0.8871		mg/L		67	42 - 135
Dibenz(a,h)anthracene	1.33	0.8591		mg/L		64	41 - 155
Dibenzofuran	1.33	0.8676		mg/L		65	39 - 132
Diethyl phthalate	1.33	0.9101		mg/L		68	45 - 131
Dimethyl phthalate	1.33	0.9072		mg/L		68	43 - 132
Di-n-butyl phthalate	1.33	0.8988		mg/L		67	43 - 142
Di-n-octyl phthalate	1.33	0.8359		mg/L		63	34 - 166
Fluoranthene	1.33	0.9438		mg/L		71	41 - 138
Fluorene	1.33	0.8963		mg/L		67	41 - 131
Hexachlorobenzene	1.33	0.8103		mg/L		61	36 - 142
Hexachlorobutadiene	1.33	0.8218		mg/L		62	35 - 129
Hexachlorocyclopentadiene	1.33	0.8200		mg/L		61	16 - 106
Hexachloroethane	1.33	0.8317		mg/L		62	36 - 121
Indeno[1,2,3-cd]pyrene	1.33	0.9773		mg/L		73	39 - 154
Isophorone	1.33	0.9002		mg/L		68	36 - 128
Naphthalene	1.33	0.8508		mg/L		64	35 - 128
Nitrobenzene	1.33	0.9105		mg/L		68	32 - 129
N-Nitrosodi-n-propylamine	1.33	0.9195		mg/L		69	34 - 129
N-Nitrosodiphenylamine	1.33	0.9376		mg/L		70	27 - 155
Pentachlorophenol	1.33	0.7511		mg/L		56	14 - 148
Phenanthrene	1.33	0.8619		mg/L		65	37 - 139
Phenol	1.33	0.9157		mg/L		69	34 - 127
Pyrene	1.33	0.9084		mg/L		68	42 - 138
Pyridine	1.33	0.7066		mg/L		53	30 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	61		19 - 122
2-Fluorobiphenyl (Surr)	65		30 - 115
2-Fluorophenol (Surr)	66		25 - 121
Nitrobenzene-d5 (Surr)	68		23 - 129
p-Terphenyl-d14 (Surr)	67		18 - 137
Phenol-d5 (Surr)	71		24 - 113

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 860-68419/3-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits			Limit
1,2,4-Trichlorobenzene	1.33	0.8253		mg/Kg		62	35 - 129		0	30
1,2-Dichlorobenzene	1.33	0.8299		mg/Kg		62	38 - 122		0	30
1,3-Dichlorobenzene	1.33	0.8387		mg/Kg		63	38 - 120		1	30
1,4-Dichlorobenzene	1.33	0.8330		mg/Kg		62	37 - 121		0	30
2,4,5-Trichlorophenol	1.33	0.8212		mg/Kg		62	40 - 135		2	30
2,4,6-Trichlorophenol	1.33	0.8199		mg/Kg		61	39 - 139		1	30
2,4-Dichlorophenol	1.33	0.8344		mg/Kg		63	36 - 135		1	30
2,4-Dimethylphenol	1.33	0.9771		mg/Kg		73	38 - 133		1	30
2,4-Dinitrophenol	1.33	0.8200		mg/Kg		61	19 - 131		1	40
2,4-Dinitrotoluene	1.33	0.8914		mg/Kg		67	48 - 131		1	30
2,6-Dinitrotoluene	1.33	0.8835		mg/Kg		66	42 - 136		1	30
2-Chloronaphthalene	1.33	0.8931		mg/Kg		67	32 - 138		1	30
2-Chlorophenol	1.33	0.9038		mg/Kg		68	38 - 125		1	30
2-Methylnaphthalene	1.33	0.8694		mg/Kg		65	36 - 126		1	30
2-Methylphenol	1.33	0.9408		mg/Kg		71	37 - 128		2	30
2-Nitroaniline	1.33	0.8738		mg/Kg		66	30 - 133		5	40
2-Nitrophenol	1.33	0.8249		mg/Kg		62	33 - 142		2	30
3 & 4 Methylphenol	1.33	0.9680		mg/Kg		73	38 - 126		0	30
3,3'-Dichlorobenzidine	1.33	0.7405		mg/Kg		56	35 - 134		3	40
3-Nitroaniline	1.33	0.8344		mg/Kg		63	41 - 135		1	40
4,6-Dinitro-2-methylphenol	1.33	0.8234		mg/Kg		62	30 - 146		1	40
4-Bromophenyl phenyl ether	1.33	0.8726		mg/Kg		65	37 - 140		0	30
4-Chloro-3-methylphenol	1.33	0.8338		mg/Kg		63	40 - 134		1	30
4-Chloroaniline	1.33	0.9221		mg/Kg		69	34 - 124		0	40
4-Chlorophenyl phenyl ether	1.33	0.8626		mg/Kg		65	41 - 131		0	30
4-Nitroaniline	1.33	0.8745		mg/Kg		66	46 - 132		2	40
4-Nitrophenol	1.33	0.8511		mg/Kg		64	21 - 152		1	40
Acenaphthene	1.33	0.8654		mg/Kg		65	37 - 131		2	30
Acenaphthylene	1.33	0.9173		mg/Kg		69	39 - 129		1	30
Aniline (Phenylamine, Aminobenzene)	1.33	0.8636		mg/Kg		65	33 - 117		0	40
Anthracene	1.33	0.9426		mg/Kg		71	39 - 139		3	30
Benzo[a]anthracene	1.33	0.9221		mg/Kg		69	44 - 135		1	30
Benzo[a]pyrene	1.33	0.9428		mg/Kg		71	43 - 153		1	30
Benzo[b]fluoranthene	1.33	0.9216		mg/Kg		69	40 - 153		2	30
Benzo[g,h,i]perylene	1.33	0.9533		mg/Kg		71	40 - 153		1	30
Benzo[k]fluoranthene	1.33	0.9648		mg/Kg		72	33 - 156		1	30
Benzoic acid	4.00	1.786		mg/Kg		45	31 - 165		2	50
Butyl benzyl phthalate	1.33	0.8861		mg/Kg		66	43 - 145		2	30
Bis(2-chloroethoxy)methane	1.33	0.9129		mg/Kg		68	30 - 129		1	30
Bis(2-chloroethyl)ether	1.33	0.8573		mg/Kg		64	33 - 127		2	30
bis (2-chloroisopropyl) ether	1.33	0.9070		mg/Kg		68	25 - 124		1	30
Bis(2-ethylhexyl) phthalate	1.33	0.9940		mg/Kg		75	46 - 145		3	30
Chrysene	1.33	0.9057		mg/Kg		68	42 - 135		2	30
Dibenz(a,h)anthracene	1.33	0.8651		mg/Kg		65	41 - 155		1	30
Dibenzofuran	1.33	0.8753		mg/Kg		66	39 - 132		1	30
Diethyl phthalate	1.33	0.9285		mg/Kg		70	45 - 131		2	30
Dimethyl phthalate	1.33	0.9167		mg/Kg		69	43 - 132		1	30
Di-n-butyl phthalate	1.33	0.9136		mg/Kg		69	43 - 142		2	30

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 860-68419/3-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-octyl phthalate	1.33	0.8357		mg/Kg		63	34 - 166	0	30
Fluoranthene	1.33	0.9515		mg/Kg		71	41 - 138	1	30
Fluorene	1.33	0.9111		mg/Kg		68	41 - 131	2	30
Hexachlorobenzene	1.33	0.8293		mg/Kg		62	36 - 142	2	30
Hexachlorobutadiene	1.33	0.8299		mg/Kg		62	35 - 129	1	30
Hexachlorocyclopentadiene	1.33	0.8186		mg/Kg		61	16 - 106	0	30
Hexachloroethane	1.33	0.8434		mg/Kg		63	36 - 121	1	30
Indeno[1,2,3-cd]pyrene	1.33	0.9693		mg/Kg		73	39 - 154	1	30
Isophorone	1.33	0.8983		mg/Kg		67	36 - 128	0	30
Naphthalene	1.33	0.8551		mg/Kg		64	35 - 128	1	30
Nitrobenzene	1.33	0.9093		mg/Kg		68	32 - 129	0	30
N-Nitrosodi-n-propylamine	1.33	0.9219		mg/Kg		69	34 - 129	0	30
N-Nitrosodiphenylamine	1.33	0.9527		mg/Kg		71	27 - 155	2	30
Pentachlorophenol	1.33	0.7736		mg/Kg		58	14 - 148	3	40
Phenanthrene	1.33	0.8801		mg/Kg		66	37 - 139	2	30
Phenol	1.33	0.9295		mg/Kg		70	34 - 127	2	40
Pyrene	1.33	0.9247		mg/Kg		69	42 - 138	2	30
Pyridine	1.33	0.7138		mg/Kg		54	30 - 113	1	40

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	1.33	0.8253		mg/L		62	35 - 129	0	30
1,2-Dichlorobenzene	1.33	0.8299		mg/L		62	38 - 122	0	30
1,3-Dichlorobenzene	1.33	0.8387		mg/L		63	38 - 120	1	30
1,4-Dichlorobenzene	1.33	0.8330		mg/L		62	37 - 121	0	30
2,4,5-Trichlorophenol	1.33	0.8212		mg/L		62	40 - 135	2	30
2,4,6-Trichlorophenol	1.33	0.8199		mg/L		61	39 - 139	1	30
2,4-Dichlorophenol	1.33	0.8344		mg/L		63	36 - 135	1	30
2,4-Dimethylphenol	1.33	0.9771		mg/L		73	38 - 133	1	30
2,4-Dinitrophenol	1.33	0.8200		mg/L		61	19 - 131	1	40
2,4-Dinitrotoluene	1.33	0.8914		mg/L		67	48 - 131	1	30
2,6-Dinitrotoluene	1.33	0.8835		mg/L		66	42 - 136	1	30
2-Chloronaphthalene	1.33	0.8931		mg/L		67	32 - 138	1	30
2-Chlorophenol	1.33	0.9038		mg/L		68	38 - 125	1	30
2-Methylnaphthalene	1.33	0.8694		mg/L		65	36 - 126	1	30
2-Methylphenol	1.33	0.9408		mg/L		71	37 - 128	2	30
2-Nitroaniline	1.33	0.8738		mg/L		66	30 - 133	5	40
2-Nitrophenol	1.33	0.8249		mg/L		62	33 - 142	2	30
3 & 4 Methylphenol	1.33	0.9680		mg/L		73	38 - 126	0	30
3,3'-Dichlorobenzidine	1.33	0.7405		mg/L		56	35 - 134	3	40
3-Nitroaniline	1.33	0.8344		mg/L		63	41 - 135	1	40
4,6-Dinitro-2-methylphenol	1.33	0.8234		mg/L		62	30 - 146	1	40
4-Bromophenyl phenyl ether	1.33	0.8726		mg/L		65	37 - 140	0	30
4-Chloro-3-methylphenol	1.33	0.8338		mg/L		63	40 - 134	1	30
4-Chloroaniline	1.33	0.9221		mg/L		69	34 - 124	0	40
4-Chlorophenyl phenyl ether	1.33	0.8626		mg/L		65	41 - 131	0	30
4-Nitroaniline	1.33	0.8745		mg/L		66	46 - 132	2	40
4-Nitrophenol	1.33	0.8511		mg/L		64	21 - 152	1	40
Acenaphthene	1.33	0.8654		mg/L		65	37 - 131	2	30
Acenaphthylene	1.33	0.9173		mg/L		69	39 - 129	1	30

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 860-68419/3-A

Matrix: Solid

Analysis Batch: 68465

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aniline (Phenylamine, Aminobenzene)	1.33	0.8636		mg/L		65	33 - 117	0	40
Anthracene	1.33	0.9426		mg/L		71	39 - 139	3	30
Benzo[a]anthracene	1.33	0.9221		mg/L		69	44 - 135	1	30
Benzo[a]pyrene	1.33	0.9428		mg/L		71	43 - 153	1	30
Benzo[b]fluoranthene	1.33	0.9216		mg/L		69	40 - 153	2	30
Benzo[g,h,i]perylene	1.33	0.9533		mg/L		71	40 - 153	1	30
Benzo[k]fluoranthene	1.33	0.9648		mg/L		72	33 - 156	1	30
Benzoic acid	4.00	1.786		mg/L		45	31 - 165	2	50
Butyl benzyl phthalate	1.33	0.8861		mg/L		66	43 - 145	2	30
Bis(2-chloroethoxy)methane	1.33	0.9129		mg/L		68	30 - 129	1	30
Bis(2-chloroethyl)ether	1.33	0.8573		mg/L		64	33 - 127	2	30
bis (2-chloroisopropyl) ether	1.33	0.9070		mg/L		68	25 - 124	1	30
Bis(2-ethylhexyl) phthalate	1.33	0.9940		mg/L		75	46 - 145	3	30
Chrysene	1.33	0.9057		mg/L		68	42 - 135	2	30
Dibenz(a,h)anthracene	1.33	0.8651		mg/L		65	41 - 155	1	30
Dibenzofuran	1.33	0.8753		mg/L		66	39 - 132	1	30
Diethyl phthalate	1.33	0.9285		mg/L		70	45 - 131	2	30
Dimethyl phthalate	1.33	0.9167		mg/L		69	43 - 132	1	30
Di-n-butyl phthalate	1.33	0.9136		mg/L		69	43 - 142	2	30
Di-n-octyl phthalate	1.33	0.8357		mg/L		63	34 - 166	0	30
Fluoranthene	1.33	0.9515		mg/L		71	41 - 138	1	30
Fluorene	1.33	0.9111		mg/L		68	41 - 131	2	30
Hexachlorobenzene	1.33	0.8293		mg/L		62	36 - 142	2	30
Hexachlorobutadiene	1.33	0.8299		mg/L		62	35 - 129	1	30
Hexachlorocyclopentadiene	1.33	0.8186		mg/L		61	16 - 106	0	30
Hexachloroethane	1.33	0.8434		mg/L		63	36 - 121	1	30
Indeno[1,2,3-cd]pyrene	1.33	0.9693		mg/L		73	39 - 154	1	30
Isophorone	1.33	0.8983		mg/L		67	36 - 128	0	30
Naphthalene	1.33	0.8551		mg/L		64	35 - 128	1	30
Nitrobenzene	1.33	0.9093		mg/L		68	32 - 129	0	30
N-Nitrosodi-n-propylamine	1.33	0.9219		mg/L		69	34 - 129	0	30
N-Nitrosodiphenylamine	1.33	0.9527		mg/L		71	27 - 155	2	30
Pentachlorophenol	1.33	0.7736		mg/L		58	14 - 148	3	40
Phenanthrene	1.33	0.8801		mg/L		66	37 - 139	2	30
Phenol	1.33	0.9295		mg/L		70	34 - 127	2	40
Pyrene	1.33	0.9247		mg/L		69	42 - 138	2	30
Pyridine	1.33	0.7138		mg/L		54	30 - 113	1	40

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	62		19 - 122
2-Fluorobiphenyl (Surr)	67		30 - 115
2-Fluorophenol (Surr)	68		25 - 121
Nitrobenzene-d5 (Surr)	70		23 - 129
p-Terphenyl-d14 (Surr)	69		18 - 137
Phenol-d5 (Surr)	71		24 - 113

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 880-18907-1 MS

Matrix: Solid

Analysis Batch: 68380

Client Sample ID: WC

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	<0.167	U	1.33	0.9022		mg/Kg		68	35 - 129
1,2-Dichlorobenzene	<0.167	U	1.33	0.8149		mg/Kg		61	38 - 122
1,3-Dichlorobenzene	<0.167	U	1.33	0.8263		mg/Kg		62	38 - 120
1,4-Dichlorobenzene	<0.167	U	1.33	0.8221		mg/Kg		62	37 - 121
2,4,5-Trichlorophenol	<0.167	U	1.33	1.041		mg/Kg		78	40 - 135
2,4,6-Trichlorophenol	<0.167	U	1.33	1.074		mg/Kg		81	39 - 139
2,4-Dichlorophenol	<0.167	U	1.33	0.9349		mg/Kg		70	36 - 135
2,4-Dimethylphenol	<0.167	U	1.33	0.8827		mg/Kg		66	38 - 133
2,4-Dinitrophenol	<0.333	U	1.33	1.038		mg/Kg		78	19 - 131
2,4-Dinitrotoluene	<0.167	U	1.33	0.9376		mg/Kg		70	48 - 131
2,6-Dinitrotoluene	<0.167	U	1.33	0.9155		mg/Kg		69	42 - 136
2-Chloronaphthalene	<0.167	U	1.33	0.8571		mg/Kg		64	32 - 138
2-Chlorophenol	<0.167	U	1.33	0.8435		mg/Kg		63	38 - 125
2-Methylnaphthalene	<0.167	U	1.33	0.7285		mg/Kg		55	36 - 126
2-Methylphenol	<0.167	U	1.33	0.7999		mg/Kg		60	37 - 128
2-Nitroaniline	<0.333	U	1.33	0.9361		mg/Kg		70	30 - 133
2-Nitrophenol	<0.167	U	1.33	0.9132		mg/Kg		69	33 - 142
3 & 4 Methylphenol	<0.167	U	1.33	0.7956		mg/Kg		60	38 - 126
3,3'-Dichlorobenzidine	<0.333	U	1.33	0.9457		mg/Kg		71	35 - 134
3-Nitroaniline	<0.333	U	1.33	0.9293		mg/Kg		70	41 - 135
4,6-Dinitro-2-methylphenol	<0.333	U	1.33	0.8382		mg/Kg		63	30 - 146
4-Bromophenyl phenyl ether	<0.167	U	1.33	0.9874		mg/Kg		74	37 - 140
4-Chloro-3-methylphenol	<0.167	U	1.33	0.8581		mg/Kg		64	40 - 134
4-Chloroaniline	<0.333	U	1.33	0.9191		mg/Kg		69	34 - 124
4-Chlorophenyl phenyl ether	<0.167	U	1.33	0.9421		mg/Kg		71	41 - 131
4-Nitroaniline	<0.333	U	1.33	0.8713		mg/Kg		65	46 - 132
4-Nitrophenol	<0.333	U	1.33	1.233		mg/Kg		93	21 - 152
Acenaphthene	<0.167	U	1.33	0.9109		mg/Kg		68	37 - 131
Acenaphthylene	<0.167	U	1.33	0.9300		mg/Kg		70	39 - 129
Aniline (Phenylamine, Aminobenzene)	<0.333	U	1.33	0.8002		mg/Kg		60	33 - 117
Anthracene	<0.167	U	1.33	0.9730		mg/Kg		73	39 - 139
Benzo[a]anthracene	<0.167	U	1.33	0.9186		mg/Kg		69	44 - 135
Benzo[a]pyrene	<0.167	U	1.33	0.9149		mg/Kg		69	43 - 153
Benzo[b]fluoranthene	<0.167	U	1.33	0.9572		mg/Kg		72	40 - 153
Benzo[g,h,i]perylene	<0.167	U	1.33	0.9132		mg/Kg		69	40 - 153
Benzo[k]fluoranthene	<0.167	U	1.33	0.9351		mg/Kg		70	33 - 156
Benzoic acid	<0.999	U	4.00	3.092		mg/Kg		77	31 - 171
Butyl benzyl phthalate	<0.167	U	1.33	0.9224		mg/Kg		69	43 - 145
Bis(2-chloroethoxy)methane	<0.167	U	1.33	0.8604		mg/Kg		65	30 - 129
Bis(2-chloroethyl)ether	<0.167	U	1.33	0.8131		mg/Kg		61	33 - 127
bis (2-chloroisopropyl) ether	<0.167	U	1.33	0.7763		mg/Kg		58	25 - 124
Bis(2-ethylhexyl) phthalate	<0.333	U	1.33	1.001		mg/Kg		75	46 - 145
Chrysene	<0.167	U	1.33	0.9489		mg/Kg		70	42 - 135
Dibenz(a,h)anthracene	<0.167	U	1.33	0.9370		mg/Kg		70	41 - 155
Dibenzofuran	<0.167	U	1.33	0.8993		mg/Kg		67	39 - 132
Diethyl phthalate	<0.167	U	1.33	0.8889		mg/Kg		67	45 - 131
Dimethyl phthalate	<0.167	U	1.33	0.9207		mg/Kg		69	43 - 132
Di-n-butyl phthalate	<0.167	U	1.33	0.9580		mg/Kg		72	43 - 142

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 880-18907-1 MS

Matrix: Solid

Analysis Batch: 68380

Client Sample ID: WC

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-octyl phthalate	<0.167	U	1.33	0.9636		mg/Kg		72	34 - 166
Fluoranthene	<0.167	U	1.33	0.9261		mg/Kg		70	41 - 138
Fluorene	<0.167	U	1.33	0.9247		mg/Kg		69	41 - 131
Hexachlorobenzene	<0.167	U	1.33	1.016		mg/Kg		76	36 - 142
Hexachlorobutadiene	<0.167	U	1.33	0.8841		mg/Kg		66	35 - 129
Hexachlorocyclopentadiene	<0.167	U	1.33	0.7425		mg/Kg		56	16 - 106
Hexachloroethane	<0.167	U	1.33	0.7920		mg/Kg		59	36 - 121
Indeno[1,2,3-cd]pyrene	<0.167	U	1.33	0.9082		mg/Kg		68	39 - 154
Isophorone	<0.167	U	1.33	0.8578		mg/Kg		64	36 - 128
Naphthalene	<0.167	U	1.33	0.8627		mg/Kg		65	35 - 128
Nitrobenzene	<0.167	U	1.33	0.8726		mg/Kg		65	32 - 129
N-Nitrosodi-n-propylamine	<0.167	U	1.33	0.7751		mg/Kg		58	34 - 129
N-Nitrosodiphenylamine	<0.167	U	1.33	1.093		mg/Kg		82	27 - 155
Pentachlorophenol	<0.333	U	1.33	1.135		mg/Kg		85	14 - 148
Phenanthrene	<0.167	U	1.33	0.9344		mg/Kg		70	37 - 139
Phenol	<0.333	U	1.33	0.8778		mg/Kg		66	34 - 127
Pyrene	<0.167	U	1.33	0.9014		mg/Kg		68	42 - 138
Pyridine	<0.333	U	1.33	0.5194		mg/Kg		39	30 - 113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	<0.167	U	1.33	0.9022		mg/L		68	35 - 129
1,2-Dichlorobenzene	<0.167	U	1.33	0.8149		mg/L		61	38 - 122
1,3-Dichlorobenzene	<0.167	U	1.33	0.8263		mg/L		62	38 - 120
1,4-Dichlorobenzene	<0.167	U	1.33	0.8221		mg/L		62	37 - 121
2,4,5-Trichlorophenol	<0.167	U	1.33	1.041		mg/L		78	40 - 135
2,4,6-Trichlorophenol	<0.167	U	1.33	1.074		mg/L		81	39 - 139
2,4-Dichlorophenol	<0.167	U	1.33	0.9349		mg/L		70	36 - 135
2,4-Dimethylphenol	<0.167	U	1.33	0.8827		mg/L		66	38 - 133
2,4-Dinitrophenol	<0.333	U	1.33	1.038		mg/L		78	19 - 131
2,4-Dinitrotoluene	<0.167	U	1.33	0.9376		mg/L		70	48 - 131
2,6-Dinitrotoluene	<0.167	U	1.33	0.9155		mg/L		69	42 - 136
2-Chloronaphthalene	<0.167	U	1.33	0.8571		mg/L		64	32 - 138
2-Chlorophenol	<0.167	U	1.33	0.8435		mg/L		63	38 - 125
2-Methylnaphthalene	<0.167	U	1.33	0.7285		mg/L		55	36 - 126
2-Methylphenol	<0.167	U	1.33	0.7999		mg/L		60	37 - 128
2-Nitroaniline	<0.333	U	1.33	0.9361		mg/L		70	30 - 133
2-Nitrophenol	<0.167	U	1.33	0.9132		mg/L		69	33 - 142
3 & 4 Methylphenol	<0.167	U	1.33	0.7956		mg/L		60	38 - 126
3,3'-Dichlorobenzidine	<0.333	U	1.33	0.9457		mg/L		71	35 - 134
3-Nitroaniline	<0.333	U	1.33	0.9293		mg/L		70	41 - 135
4,6-Dinitro-2-methylphenol	<0.333	U	1.33	0.8382		mg/L		63	30 - 146
4-Bromophenyl phenyl ether	<0.167	U	1.33	0.9874		mg/L		74	37 - 140
4-Chloro-3-methylphenol	<0.167	U	1.33	0.8581		mg/L		64	40 - 134
4-Chloroaniline	<0.333	U	1.33	0.9191		mg/L		69	34 - 124
4-Chlorophenyl phenyl ether	<0.167	U	1.33	0.9421		mg/L		71	41 - 131
4-Nitroaniline	<0.333	U	1.33	0.8713		mg/L		65	46 - 132
4-Nitrophenol	<0.333	U	1.33	1.233		mg/L		93	21 - 152
Acenaphthene	<0.167	U	1.33	0.9109		mg/L		68	37 - 131
Acenaphthylene	<0.167	U	1.33	0.9300		mg/L		70	39 - 129

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 880-18907-1 MS

Matrix: Solid

Analysis Batch: 68380

Client Sample ID: WC

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aniline (Phenylamine, Aminobenzene)	<0.333	U	1.33	0.8002		mg/L		60	33 - 117
Anthracene	<0.167	U	1.33	0.9730		mg/L		73	39 - 139
Benzo[a]anthracene	<0.167	U	1.33	0.9186		mg/L		69	44 - 135
Benzo[a]pyrene	<0.167	U	1.33	0.9149		mg/L		69	43 - 153
Benzo[b]fluoranthene	<0.167	U	1.33	0.9572		mg/L		72	40 - 153
Benzo[g,h,i]perylene	<0.167	U	1.33	0.9132		mg/L		69	40 - 153
Benzo[k]fluoranthene	<0.167	U	1.33	0.9351		mg/L		70	33 - 156
Benzoic acid	<0.999	U	4.00	3.092		mg/L		77	31 - 171
Butyl benzyl phthalate	<0.167	U	1.33	0.9224		mg/L		69	43 - 145
Bis(2-chloroethoxy)methane	<0.167	U	1.33	0.8604		mg/L		65	30 - 129
Bis(2-chloroethyl)ether	<0.167	U	1.33	0.8131		mg/L		61	33 - 127
bis (2-chloroisopropyl) ether	<0.167	U	1.33	0.7763		mg/L		58	25 - 124
Bis(2-ethylhexyl) phthalate	<0.333	U	1.33	1.001		mg/L		75	46 - 145
Chrysene	<0.167	U	1.33	0.9489		mg/L		70	42 - 135
Dibenz(a,h)anthracene	<0.167	U	1.33	0.9370		mg/L		70	41 - 155
Dibenzofuran	<0.167	U	1.33	0.8993		mg/L		67	39 - 132
Diethyl phthalate	<0.167	U	1.33	0.8889		mg/L		67	45 - 131
Dimethyl phthalate	<0.167	U	1.33	0.9207		mg/L		69	43 - 132
Di-n-butyl phthalate	<0.167	U	1.33	0.9580		mg/L		72	43 - 142
Di-n-octyl phthalate	<0.167	U	1.33	0.9636		mg/L		72	34 - 166
Fluoranthene	<0.167	U	1.33	0.9261		mg/L		70	41 - 138
Fluorene	<0.167	U	1.33	0.9247		mg/L		69	41 - 131
Hexachlorobenzene	<0.167	U	1.33	1.016		mg/L		76	36 - 142
Hexachlorobutadiene	<0.167	U	1.33	0.8841		mg/L		66	35 - 129
Hexachlorocyclopentadiene	<0.167	U	1.33	0.7425		mg/L		56	16 - 106
Hexachloroethane	<0.167	U	1.33	0.7920		mg/L		59	36 - 121
Indeno[1,2,3-cd]pyrene	<0.167	U	1.33	0.9082		mg/L		68	39 - 154
Isophorone	<0.167	U	1.33	0.8578		mg/L		64	36 - 128
Naphthalene	<0.167	U	1.33	0.8627		mg/L		65	35 - 128
Nitrobenzene	<0.167	U	1.33	0.8726		mg/L		65	32 - 129
N-Nitrosodi-n-propylamine	<0.167	U	1.33	0.7751		mg/L		58	34 - 129
N-Nitrosodiphenylamine	<0.167	U	1.33	1.093		mg/L		82	27 - 155
Pentachlorophenol	<0.333	U	1.33	1.135		mg/L		85	14 - 148
Phenanthrene	<0.167	U	1.33	0.9344		mg/L		70	37 - 139
Phenol	<0.333	U	1.33	0.8778		mg/L		66	34 - 127
Pyrene	<0.167	U	1.33	0.9014		mg/L		68	42 - 138
Pyridine	<0.333	U	1.33	0.5194		mg/L		39	30 - 113

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	86		19 - 122
2-Fluorobiphenyl (Surr)	77		30 - 115
2-Fluorophenol (Surr)	62		25 - 121
Nitrobenzene-d5 (Surr)	65		23 - 129
p-Terphenyl-d14 (Surr)	70		18 - 137
Phenol-d5 (Surr)	64		24 - 113

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 880-18907-1 MSD

Matrix: Solid

Analysis Batch: 68380

Client Sample ID: WC

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<0.167	U	1.33	0.8882		mg/Kg		67	35 - 129	2	30
1,2-Dichlorobenzene	<0.167	U	1.33	0.8384		mg/Kg		63	38 - 122	3	30
1,3-Dichlorobenzene	<0.167	U	1.33	0.8441		mg/Kg		63	38 - 120	2	30
1,4-Dichlorobenzene	<0.167	U	1.33	0.8411		mg/Kg		63	37 - 121	2	30
2,4,5-Trichlorophenol	<0.167	U	1.33	0.9783		mg/Kg		73	40 - 135	6	30
2,4,6-Trichlorophenol	<0.167	U	1.33	1.013		mg/Kg		76	39 - 139	6	30
2,4-Dichlorophenol	<0.167	U	1.33	0.9352		mg/Kg		70	36 - 135	0	30
2,4-Dimethylphenol	<0.167	U	1.33	0.9063		mg/Kg		68	38 - 133	3	30
2,4-Dinitrophenol	<0.333	U	1.33	1.148		mg/Kg		86	19 - 131	10	40
2,4-Dinitrotoluene	<0.167	U	1.33	0.8869		mg/Kg		67	48 - 131	6	30
2,6-Dinitrotoluene	<0.167	U	1.33	0.8938		mg/Kg		67	42 - 136	2	30
2-Chloronaphthalene	<0.167	U	1.33	0.9525		mg/Kg		72	32 - 138	11	30
2-Chlorophenol	<0.167	U	1.33	0.8404		mg/Kg		63	38 - 125	0	30
2-Methylnaphthalene	<0.167	U	1.33	0.7453		mg/Kg		56	36 - 126	2	30
2-Methylphenol	<0.167	U	1.33	0.8429		mg/Kg		63	37 - 128	5	30
2-Nitroaniline	<0.333	U	1.33	0.9057		mg/Kg		68	30 - 133	3	40
2-Nitrophenol	<0.167	U	1.33	0.9076		mg/Kg		68	33 - 142	1	30
3 & 4 Methylphenol	<0.167	U	1.33	0.8021		mg/Kg		60	38 - 126	1	30
3,3'-Dichlorobenzidine	<0.333	U	1.33	0.9345		mg/Kg		70	35 - 134	1	40
3-Nitroaniline	<0.333	U	1.33	0.9275		mg/Kg		70	41 - 135	0	40
4,6-Dinitro-2-methylphenol	<0.333	U	1.33	0.8431		mg/Kg		63	30 - 146	1	40
4-Bromophenyl phenyl ether	<0.167	U	1.33	0.9427		mg/Kg		71	37 - 140	5	30
4-Chloro-3-methylphenol	<0.167	U	1.33	0.8594		mg/Kg		65	40 - 134	0	30
4-Chloroaniline	<0.333	U	1.33	0.9416		mg/Kg		71	34 - 124	2	40
4-Chlorophenyl phenyl ether	<0.167	U	1.33	0.9043		mg/Kg		68	41 - 131	4	30
4-Nitroaniline	<0.333	U	1.33	0.8169		mg/Kg		61	46 - 132	6	40
4-Nitrophenol	<0.333	U	1.33	1.079		mg/Kg		81	21 - 152	13	40
Acenaphthene	<0.167	U	1.33	0.9186		mg/Kg		69	37 - 131	1	30
Acenaphthylene	<0.167	U	1.33	0.9149		mg/Kg		69	39 - 129	2	30
Aniline (Phenylamine, Aminobenzene)	<0.333	U	1.33	0.8074		mg/Kg		61	33 - 117	1	40
Anthracene	<0.167	U	1.33	0.9272		mg/Kg		70	39 - 139	5	30
Benzo[a]anthracene	<0.167	U	1.33	0.8893		mg/Kg		67	44 - 135	3	30
Benzo[a]pyrene	<0.167	U	1.33	0.9408		mg/Kg		71	43 - 153	3	30
Benzo[b]fluoranthene	<0.167	U	1.33	0.8906		mg/Kg		67	40 - 153	7	30
Benzo[g,h,i]perylene	<0.167	U	1.33	0.8965		mg/Kg		67	40 - 153	2	30
Benzo[k]fluoranthene	<0.167	U	1.33	0.9640		mg/Kg		72	33 - 156	3	30
Benzoic acid	<0.999	U	4.00	2.635		mg/Kg		66	31 - 171	16	50
Butyl benzyl phthalate	<0.167	U	1.33	0.9813		mg/Kg		74	43 - 145	6	30
Bis(2-chloroethoxy)methane	<0.167	U	1.33	0.8872		mg/Kg		67	30 - 129	3	30
Bis(2-chloroethyl)ether	<0.167	U	1.33	0.8079		mg/Kg		61	33 - 127	1	30
bis (2-chloroisopropyl) ether	<0.167	U	1.33	0.8131		mg/Kg		61	25 - 124	5	30
Bis(2-ethylhexyl) phthalate	<0.333	U	1.33	1.017		mg/Kg		76	46 - 145	2	30
Chrysene	<0.167	U	1.33	0.9511		mg/Kg		70	42 - 135	0	30
Dibenz(a,h)anthracene	<0.167	U	1.33	0.9270		mg/Kg		70	41 - 155	1	30
Dibenzofuran	<0.167	U	1.33	0.8530		mg/Kg		64	39 - 132	5	30
Diethyl phthalate	<0.167	U	1.33	0.8580		mg/Kg		64	45 - 131	4	30
Dimethyl phthalate	<0.167	U	1.33	0.8914		mg/Kg		67	43 - 132	3	30
Di-n-butyl phthalate	<0.167	U	1.33	0.9131		mg/Kg		69	43 - 142	5	30

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 880-18907-1 MSD

Matrix: Solid

Analysis Batch: 68380

Client Sample ID: WC

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-octyl phthalate	<0.167	U	1.33	1.027		mg/Kg		77	34 - 166	6	30
Fluoranthene	<0.167	U	1.33	0.8610		mg/Kg		65	41 - 138	7	30
Fluorene	<0.167	U	1.33	0.9071		mg/Kg		68	41 - 131	2	30
Hexachlorobenzene	<0.167	U	1.33	0.9700		mg/Kg		73	36 - 142	5	30
Hexachlorobutadiene	<0.167	U	1.33	0.9183		mg/Kg		69	35 - 129	4	30
Hexachlorocyclopentadiene	<0.167	U	1.33	0.7468		mg/Kg		56	16 - 106	1	30
Hexachloroethane	<0.167	U	1.33	0.7894		mg/Kg		59	36 - 121	0	30
Indeno[1,2,3-cd]pyrene	<0.167	U	1.33	0.9155		mg/Kg		69	39 - 154	1	30
Isophorone	<0.167	U	1.33	0.8702		mg/Kg		65	36 - 128	1	30
Naphthalene	<0.167	U	1.33	0.8396		mg/Kg		63	35 - 128	3	30
Nitrobenzene	<0.167	U	1.33	0.8582		mg/Kg		64	32 - 129	2	30
N-Nitrosodi-n-propylamine	<0.167	U	1.33	0.8421		mg/Kg		63	34 - 129	8	30
N-Nitrosodiphenylamine	<0.167	U	1.33	1.024		mg/Kg		77	27 - 155	7	30
Pentachlorophenol	<0.333	U	1.33	1.156		mg/Kg		87	14 - 148	2	40
Phenanthrene	<0.167	U	1.33	0.9135		mg/Kg		69	37 - 139	2	30
Phenol	<0.333	U	1.33	0.8792		mg/Kg		66	34 - 127	0	40
Pyrene	<0.167	U	1.33	0.9641		mg/Kg		72	42 - 138	7	30
Pyridine	<0.333	U	1.33	0.5237		mg/Kg		39	30 - 113	1	40
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<0.167	U	1.33	0.8882		mg/L		67	35 - 129	2	30
1,2-Dichlorobenzene	<0.167	U	1.33	0.8384		mg/L		63	38 - 122	3	30
1,3-Dichlorobenzene	<0.167	U	1.33	0.8441		mg/L		63	38 - 120	2	30
1,4-Dichlorobenzene	<0.167	U	1.33	0.8411		mg/L		63	37 - 121	2	30
2,4,5-Trichlorophenol	<0.167	U	1.33	0.9783		mg/L		73	40 - 135	6	30
2,4,6-Trichlorophenol	<0.167	U	1.33	1.013		mg/L		76	39 - 139	6	30
2,4-Dichlorophenol	<0.167	U	1.33	0.9352		mg/L		70	36 - 135	0	30
2,4-Dimethylphenol	<0.167	U	1.33	0.9063		mg/L		68	38 - 133	3	30
2,4-Dinitrophenol	<0.333	U	1.33	1.148		mg/L		86	19 - 131	10	40
2,4-Dinitrotoluene	<0.167	U	1.33	0.8869		mg/L		67	48 - 131	6	30
2,6-Dinitrotoluene	<0.167	U	1.33	0.8938		mg/L		67	42 - 136	2	30
2-Chloronaphthalene	<0.167	U	1.33	0.9525		mg/L		72	32 - 138	11	30
2-Chlorophenol	<0.167	U	1.33	0.8404		mg/L		63	38 - 125	0	30
2-Methylnaphthalene	<0.167	U	1.33	0.7453		mg/L		56	36 - 126	2	30
2-Methylphenol	<0.167	U	1.33	0.8429		mg/L		63	37 - 128	5	30
2-Nitroaniline	<0.333	U	1.33	0.9057		mg/L		68	30 - 133	3	40
2-Nitrophenol	<0.167	U	1.33	0.9076		mg/L		68	33 - 142	1	30
3 & 4 Methylphenol	<0.167	U	1.33	0.8021		mg/L		60	38 - 126	1	30
3,3'-Dichlorobenzidine	<0.333	U	1.33	0.9345		mg/L		70	35 - 134	1	40
3-Nitroaniline	<0.333	U	1.33	0.9275		mg/L		70	41 - 135	0	40
4,6-Dinitro-2-methylphenol	<0.333	U	1.33	0.8431		mg/L		63	30 - 146	1	40
4-Bromophenyl phenyl ether	<0.167	U	1.33	0.9427		mg/L		71	37 - 140	5	30
4-Chloro-3-methylphenol	<0.167	U	1.33	0.8594		mg/L		65	40 - 134	0	30
4-Chloroaniline	<0.333	U	1.33	0.9416		mg/L		71	34 - 124	2	40
4-Chlorophenyl phenyl ether	<0.167	U	1.33	0.9043		mg/L		68	41 - 131	4	30
4-Nitroaniline	<0.333	U	1.33	0.8169		mg/L		61	46 - 132	6	40
4-Nitrophenol	<0.333	U	1.33	1.079		mg/L		81	21 - 152	13	40
Acenaphthene	<0.167	U	1.33	0.9186		mg/L		69	37 - 131	1	30
Acenaphthylene	<0.167	U	1.33	0.9149		mg/L		69	39 - 129	2	30

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 880-18907-1 MSD

Matrix: Solid

Analysis Batch: 68380

Client Sample ID: WC

Prep Type: Total/NA

Prep Batch: 68419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aniline (Phenylamine, Aminobenzene)	<0.333	U	1.33	0.8074		mg/L		61	33 - 117	1	40
Anthracene	<0.167	U	1.33	0.9272		mg/L		70	39 - 139	5	30
Benzo[a]anthracene	<0.167	U	1.33	0.8893		mg/L		67	44 - 135	3	30
Benzo[a]pyrene	<0.167	U	1.33	0.9408		mg/L		71	43 - 153	3	30
Benzo[b]fluoranthene	<0.167	U	1.33	0.8906		mg/L		67	40 - 153	7	30
Benzo[g,h,i]perylene	<0.167	U	1.33	0.8965		mg/L		67	40 - 153	2	30
Benzo[k]fluoranthene	<0.167	U	1.33	0.9640		mg/L		72	33 - 156	3	30
Benzoic acid	<0.999	U	4.00	2.635		mg/L		66	31 - 171	16	50
Butyl benzyl phthalate	<0.167	U	1.33	0.9813		mg/L		74	43 - 145	6	30
Bis(2-chloroethoxy)methane	<0.167	U	1.33	0.8872		mg/L		67	30 - 129	3	30
Bis(2-chloroethyl)ether	<0.167	U	1.33	0.8079		mg/L		61	33 - 127	1	30
bis (2-chloroisopropyl) ether	<0.167	U	1.33	0.8131		mg/L		61	25 - 124	5	30
Bis(2-ethylhexyl) phthalate	<0.333	U	1.33	1.017		mg/L		76	46 - 145	2	30
Chrysene	<0.167	U	1.33	0.9511		mg/L		70	42 - 135	0	30
Dibenz(a,h)anthracene	<0.167	U	1.33	0.9270		mg/L		70	41 - 155	1	30
Dibenzofuran	<0.167	U	1.33	0.8530		mg/L		64	39 - 132	5	30
Diethyl phthalate	<0.167	U	1.33	0.8580		mg/L		64	45 - 131	4	30
Dimethyl phthalate	<0.167	U	1.33	0.8914		mg/L		67	43 - 132	3	30
Di-n-butyl phthalate	<0.167	U	1.33	0.9131		mg/L		69	43 - 142	5	30
Di-n-octyl phthalate	<0.167	U	1.33	1.027		mg/L		77	34 - 166	6	30
Fluoranthene	<0.167	U	1.33	0.8610		mg/L		65	41 - 138	7	30
Fluorene	<0.167	U	1.33	0.9071		mg/L		68	41 - 131	2	30
Hexachlorobenzene	<0.167	U	1.33	0.9700		mg/L		73	36 - 142	5	30
Hexachlorobutadiene	<0.167	U	1.33	0.9183		mg/L		69	35 - 129	4	30
Hexachlorocyclopentadiene	<0.167	U	1.33	0.7468		mg/L		56	16 - 106	1	30
Hexachloroethane	<0.167	U	1.33	0.7894		mg/L		59	36 - 121	0	30
Indeno[1,2,3-cd]pyrene	<0.167	U	1.33	0.9155		mg/L		69	39 - 154	1	30
Isophorone	<0.167	U	1.33	0.8702		mg/L		65	36 - 128	1	30
Naphthalene	<0.167	U	1.33	0.8396		mg/L		63	35 - 128	3	30
Nitrobenzene	<0.167	U	1.33	0.8582		mg/L		64	32 - 129	2	30
N-Nitrosodi-n-propylamine	<0.167	U	1.33	0.8421		mg/L		63	34 - 129	8	30
N-Nitrosodiphenylamine	<0.167	U	1.33	1.024		mg/L		77	27 - 155	7	30
Pentachlorophenol	<0.333	U	1.33	1.156		mg/L		87	14 - 148	2	40
Phenanthrene	<0.167	U	1.33	0.9135		mg/L		69	37 - 139	2	30
Phenol	<0.333	U	1.33	0.8792		mg/L		66	34 - 127	0	40
Pyrene	<0.167	U	1.33	0.9641		mg/L		72	42 - 138	7	30
Pyridine	<0.333	U	1.33	0.5237		mg/L		39	30 - 113	1	40

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	84		19 - 122
2-Fluorobiphenyl (Surr)	70		30 - 115
2-Fluorophenol (Surr)	63		25 - 121
Nitrobenzene-d5 (Surr)	65		23 - 129
p-Terphenyl-d14 (Surr)	75		18 - 137
Phenol-d5 (Surr)	66		24 - 113

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 860-68500/1-A

Matrix: Solid

Analysis Batch: 68756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<1.44	U	1.44		mg/Kg		09/09/22 15:33	09/09/22 19:23	1
Barium	<0.962	U	0.962		mg/Kg		09/09/22 15:33	09/09/22 19:23	1
Cadmium	<0.962	U	0.962		mg/Kg		09/09/22 15:33	09/09/22 19:23	1
Chromium	<0.962	U	0.962		mg/Kg		09/09/22 15:33	09/09/22 19:23	1
Lead	<0.962	U	0.962		mg/Kg		09/09/22 15:33	09/09/22 19:23	1
Selenium	<2.88	U	2.88		mg/Kg		09/09/22 15:33	09/09/22 19:23	1
Silver	<1.92	U	1.92		mg/Kg		09/09/22 15:33	09/09/22 19:23	1

Lab Sample ID: LCS 860-68500/2-A

Matrix: Solid

Analysis Batch: 68756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	96.2	92.81		mg/Kg		97	80 - 120
Barium	96.2	96.09		mg/Kg		100	80 - 120
Cadmium	96.2	92.34		mg/Kg		96	80 - 120
Chromium	96.2	95.83		mg/Kg		100	80 - 120
Lead	96.2	96.21		mg/Kg		100	80 - 120
Selenium	96.2	93.38		mg/Kg		97	80 - 120
Silver	48.1	52.09		mg/Kg		108	80 - 120

Lab Sample ID: LCSD 860-68500/3-A

Matrix: Solid

Analysis Batch: 68756

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68500

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	98.0	95.21		mg/Kg		97	80 - 120	3	20
Barium	98.0	97.46		mg/Kg		99	80 - 120	1	20
Cadmium	98.0	94.50		mg/Kg		96	80 - 120	2	20
Chromium	98.0	97.82		mg/Kg		100	80 - 120	2	20
Lead	98.0	97.93		mg/Kg		100	80 - 120	2	20
Selenium	98.0	94.98		mg/Kg		97	80 - 120	2	20
Silver	49.0	53.17		mg/Kg		108	80 - 120	2	20

Lab Sample ID: 870-10677-A-1-H MS

Matrix: Solid

Analysis Batch: 68756

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	10.9		87.7	82.34		mg/Kg		81	75 - 125
Barium	<0.847	U	87.7	74.02		mg/Kg		84	75 - 125
Cadmium	<0.847	U	87.7	70.19		mg/Kg		80	75 - 125
Chromium	<0.847	U	87.7	75.82		mg/Kg		86	75 - 125
Lead	<0.847	U	87.7	74.15		mg/Kg		85	75 - 125
Selenium	<2.54	U	87.7	74.79		mg/Kg		83	75 - 125
Silver	<1.69	U	43.9	37.54		mg/Kg		86	75 - 125

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 870-10677-A-1-I MSD

Matrix: Solid

Analysis Batch: 68756

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 68500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	10.9		84.7	79.71		mg/Kg		81	75 - 125	3	20
Barium	<0.847	U	84.7	71.64		mg/Kg		85	75 - 125	3	20
Cadmium	<0.847	U	84.7	67.99		mg/Kg		80	75 - 125	3	20
Chromium	<0.847	U	84.7	73.31		mg/Kg		87	75 - 125	3	20
Lead	<0.847	U	84.7	71.34		mg/Kg		84	75 - 125	4	20
Selenium	<2.54	U	84.7	71.73		mg/Kg		83	75 - 125	4	20
Silver	<1.69	U	42.4	36.05		mg/Kg		85	75 - 125	4	20

Lab Sample ID: MB 860-68612/1-A

Matrix: Solid

Analysis Batch: 68841

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0100	U	0.0100		mg/L		09/12/22 08:30	09/12/22 21:59	1
Barium	<0.0100	U	0.0100		mg/L		09/12/22 08:30	09/12/22 21:59	1
Cadmium	<0.00500	U	0.00500		mg/L		09/12/22 08:30	09/12/22 21:59	1
Chromium	<0.0100	U	0.0100		mg/L		09/12/22 08:30	09/12/22 21:59	1
Lead	<0.0100	U	0.0100		mg/L		09/12/22 08:30	09/12/22 21:59	1
Selenium	<0.0300	U	0.0300		mg/L		09/12/22 08:30	09/12/22 21:59	1
Silver	<0.0200	U	0.0200		mg/L		09/12/22 08:30	09/12/22 21:59	1

Lab Sample ID: LCS 860-68612/2-A

Matrix: Solid

Analysis Batch: 68841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68612

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	0.9720		mg/L		97	80 - 120
Barium	1.00	1.010		mg/L		101	80 - 120
Cadmium	1.00	0.9530		mg/L		95	80 - 120
Chromium	1.00	0.9910		mg/L		99	80 - 120
Lead	1.00	0.9980		mg/L		100	80 - 120
Selenium	1.00	0.9810		mg/L		98	80 - 120
Silver	0.500	0.5170		mg/L		103	80 - 120

Lab Sample ID: LCSD 860-68612/3-A

Matrix: Solid

Analysis Batch: 68841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68612

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	1.00	0.9710		mg/L		97	80 - 120	0	20
Barium	1.00	1.000		mg/L		100	80 - 120	1	20
Cadmium	1.00	0.9500		mg/L		95	80 - 120	0	20
Chromium	1.00	0.9920		mg/L		99	80 - 120	0	20
Lead	1.00	0.9950		mg/L		100	80 - 120	0	20
Selenium	1.00	0.9650		mg/L		97	80 - 120	2	20
Silver	0.500	0.5220		mg/L		104	80 - 120	1	20

Eurofins Midland

QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LB 860-68516/1-C

Matrix: Solid

Analysis Batch: 68841

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 68612

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.06900		0.0500		mg/L		09/12/22 08:30	09/12/22 22:11	1
Barium	<0.0500	U	0.0500		mg/L		09/12/22 08:30	09/12/22 22:11	1
Cadmium	<0.0250	U	0.0250		mg/L		09/12/22 08:30	09/12/22 22:11	1
Chromium	<0.0500	U	0.0500		mg/L		09/12/22 08:30	09/12/22 22:11	1
Lead	<0.0500	U	0.0500		mg/L		09/12/22 08:30	09/12/22 22:11	1
Selenium	<0.150	U	0.150		mg/L		09/12/22 08:30	09/12/22 22:11	1
Silver	<0.100	U	0.100		mg/L		09/12/22 08:30	09/12/22 22:11	1

Lab Sample ID: 880-18907-1 MS

Matrix: Solid

Analysis Batch: 68841

Client Sample ID: WC

Prep Type: TCLP

Prep Batch: 68612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	<0.0500	U	1.00	0.9450		mg/L		95	75 - 125
Barium	0.900		1.00	1.845		mg/L		95	75 - 125
Cadmium	<0.0250	U	1.00	0.9600		mg/L		96	75 - 125
Chromium	<0.0500	U	1.00	0.9350		mg/L		94	75 - 125
Lead	<0.0500	U	1.00	1.000		mg/L		100	75 - 125
Selenium	<0.150	U	1.00	0.9650		mg/L		97	75 - 125
Silver	<0.100	U	0.500	0.5250		mg/L		105	75 - 125

Lab Sample ID: 880-18907-1 MSD

Matrix: Solid

Analysis Batch: 68841

Client Sample ID: WC

Prep Type: TCLP

Prep Batch: 68612

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	<0.0500	U	1.00	0.9750		mg/L		98	75 - 125	3	20
Barium	0.900		1.00	1.855		mg/L		96	75 - 125	1	20
Cadmium	<0.0250	U	1.00	0.9650		mg/L		97	75 - 125	1	20
Chromium	<0.0500	U	1.00	0.9400		mg/L		94	75 - 125	1	20
Lead	<0.0500	U	1.00	0.9900		mg/L		99	75 - 125	1	20
Selenium	<0.150	U	1.00	0.9300		mg/L		93	75 - 125	4	20
Silver	<0.100	U	0.500	0.5250		mg/L		105	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-68660/10-A

Matrix: Solid

Analysis Batch: 68747

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68660

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200	U	0.000200		mg/L		09/12/22 11:58	09/12/22 15:56	1

Lab Sample ID: LCS 860-68660/11-A

Matrix: Solid

Analysis Batch: 68747

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68660

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002088		mg/L		104	80 - 120

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 860-68660/12-A

Matrix: Solid

Analysis Batch: 68747

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68660

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.002009		mg/L		100	80 - 120	4	20

Lab Sample ID: LB 860-68516/1-D

Matrix: Solid

Analysis Batch: 68747

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 68660

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200	U	0.000200		mg/L		09/12/22 11:58	09/12/22 16:00	1

Lab Sample ID: 860-32802-A-7-G MS

Matrix: Solid

Analysis Batch: 68747

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 68660

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000200	U	0.00200	0.002019		mg/L		101	75 - 125

Lab Sample ID: 860-32802-A-7-H MSD

Matrix: Solid

Analysis Batch: 68747

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 68660

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000200	U	0.00200	0.002062		mg/L		103	75 - 125	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 860-68407/10-A

Matrix: Solid

Analysis Batch: 68531

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68407

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0196	U	0.0196		mg/Kg		09/09/22 09:14	09/09/22 14:01	1

Lab Sample ID: LCS 860-68407/11-A

Matrix: Solid

Analysis Batch: 68531

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68407

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.189	0.1940		mg/Kg		103	80 - 120

Lab Sample ID: LCSD 860-68407/12-A

Matrix: Solid

Analysis Batch: 68531

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68407

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.189	0.1908		mg/Kg		101	80 - 120	2	20

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 860-68703/1

Matrix: Solid

Analysis Batch: 68703

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Flashpoint	126	116.4		Degrees F		92	90 - 110

Lab Sample ID: 820-5645-A-1 DU

Matrix: Solid

Analysis Batch: 68703

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>180		>180.0		Degrees F		NC	25

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 860-68449/1-A

Matrix: Solid

Analysis Batch: 68495

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	<0.0250	U	0.0250		mg/Kg		09/09/22 10:31	09/09/22 14:01	1

Lab Sample ID: LCS 860-68449/2-A

Matrix: Solid

Analysis Batch: 68495

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	20.0	3.170		mg/Kg		16	5 - 40

Lab Sample ID: LCSD 860-68449/3-A

Matrix: Solid

Analysis Batch: 68495

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68449

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Reactive	20.0	2.951		mg/Kg		15	5 - 40	7	20

Lab Sample ID: 880-18907-1 DU

Matrix: Solid

Analysis Batch: 68495

Client Sample ID: WC

Prep Type: Total/NA

Prep Batch: 68449

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	<0.0250	U	<0.0250	U	mg/Kg		NC	20

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 860-68423/1-A

Matrix: Solid

Analysis Batch: 68493

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68423

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	<6.25	U	6.25		mg/Kg		09/09/22 10:31	09/09/22 15:19	1

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QC Sample Results

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: LCS 860-68423/2-A
Matrix: Solid
Analysis Batch: 68493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 68423

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	50.0	52.10		mg/Kg		104	30 - 120

Lab Sample ID: LCSD 860-68423/3-A
Matrix: Solid
Analysis Batch: 68493

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 68423

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	50.0	48.09		mg/Kg		96	30 - 120	8	20

Lab Sample ID: 880-18907-1 DU
Matrix: Solid
Analysis Batch: 68493

Client Sample ID: WC
Prep Type: Total/NA
Prep Batch: 68423

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide, Reactive	<6.25	U	<6.25	U	mg/Kg		NC	20

Method: 9045D - pH

Lab Sample ID: 860-32931-A-4-C DU
Matrix: Solid
Analysis Batch: 68730

Client Sample ID: Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	9.5		9.6		SU		0.2	20
Temperature	21.0		21.0		Deg. C		0	25
Corrosivity	9.5		9.6		SU		0.2	20

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

GC/MS VOA

Analysis Batch: 68602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	8260C	68680
MB 860-68602/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-68602/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-68602/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
880-18790-A-4-B MS	Matrix Spike	Total/NA	Solid	8260C	68680

Prep Batch: 68680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	5035	68680
880-18790-A-4-B MS	Matrix Spike	Total/NA	Solid	5035	

GC/MS Semi VOA

Analysis Batch: 68380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	8270D	68419
880-18907-1 MS	WC	Total/NA	Solid	8270D	68419
880-18907-1 MSD	WC	Total/NA	Solid	8270D	68419

Prep Batch: 68419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	3550C	68419
MB 860-68419/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 860-68419/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 860-68419/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
880-18907-1 MS	WC	Total/NA	Solid	3550C	
880-18907-1 MSD	WC	Total/NA	Solid	3550C	

Analysis Batch: 68465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-68419/1-A	Method Blank	Total/NA	Solid	8270D	68419
LCS 860-68419/2-A	Lab Control Sample	Total/NA	Solid	8270D	68419
LCSD 860-68419/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	68419

Metals

Prep Batch: 68407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	7471A	68407
MB 860-68407/10-A	Method Blank	Total/NA	Solid	7471A	
LCS 860-68407/11-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 860-68407/12-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Prep Batch: 68500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	3051A	68500
MB 860-68500/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-68500/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-68500/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
870-10677-A-1-H MS	Matrix Spike	Total/NA	Solid	3051A	
870-10677-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	

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QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Metals

Leach Batch: 68516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	TCLP	Solid	1311	
LB 860-68516/1-C	Method Blank	TCLP	Solid	1311	
LB 860-68516/1-D	Method Blank	TCLP	Solid	1311	
860-32802-A-7-G MS	Matrix Spike	TCLP	Solid	1311	
860-32802-A-7-H MSD	Matrix Spike Duplicate	TCLP	Solid	1311	
880-18907-1 MS	WC	TCLP	Solid	1311	
880-18907-1 MSD	WC	TCLP	Solid	1311	

Analysis Batch: 68531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	7471A	68407
MB 860-68407/10-A	Method Blank	Total/NA	Solid	7471A	68407
LCS 860-68407/11-A	Lab Control Sample	Total/NA	Solid	7471A	68407
LCSD 860-68407/12-A	Lab Control Sample Dup	Total/NA	Solid	7471A	68407

Prep Batch: 68612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	TCLP	Solid	3010A	68516
LB 860-68516/1-C	Method Blank	TCLP	Solid	3010A	68516
MB 860-68612/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 860-68612/2-A	Lab Control Sample	Total/NA	Solid	3010A	
LCSD 860-68612/3-A	Lab Control Sample Dup	Total/NA	Solid	3010A	
880-18907-1 MS	WC	TCLP	Solid	3010A	68516
880-18907-1 MSD	WC	TCLP	Solid	3010A	68516

Prep Batch: 68660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	TCLP	Solid	7470A	68516
LB 860-68516/1-D	Method Blank	TCLP	Solid	7470A	68516
MB 860-68660/10-A	Method Blank	Total/NA	Solid	7470A	
LCS 860-68660/11-A	Lab Control Sample	Total/NA	Solid	7470A	
LCSD 860-68660/12-A	Lab Control Sample Dup	Total/NA	Solid	7470A	
860-32802-A-7-G MS	Matrix Spike	TCLP	Solid	7470A	68516
860-32802-A-7-H MSD	Matrix Spike Duplicate	TCLP	Solid	7470A	68516

Analysis Batch: 68747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	TCLP	Solid	7470A	68660
LB 860-68516/1-D	Method Blank	TCLP	Solid	7470A	68660
MB 860-68660/10-A	Method Blank	Total/NA	Solid	7470A	68660
LCS 860-68660/11-A	Lab Control Sample	Total/NA	Solid	7470A	68660
LCSD 860-68660/12-A	Lab Control Sample Dup	Total/NA	Solid	7470A	68660
860-32802-A-7-G MS	Matrix Spike	TCLP	Solid	7470A	68660
860-32802-A-7-H MSD	Matrix Spike Duplicate	TCLP	Solid	7470A	68660

Analysis Batch: 68756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	6010C	68500
MB 860-68500/1-A	Method Blank	Total/NA	Solid	6010C	68500
LCS 860-68500/2-A	Lab Control Sample	Total/NA	Solid	6010C	68500
LCSD 860-68500/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	68500

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Metals (Continued)

Analysis Batch: 68756 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-10677-A-1-H MS	Matrix Spike	Total/NA	Solid	6010C	68500
870-10677-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	6010C	68500

Analysis Batch: 68841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	TCLP	Solid	6010C	68612
LB 860-68516/1-C	Method Blank	TCLP	Solid	6010C	68612
MB 860-68612/1-A	Method Blank	Total/NA	Solid	6010C	68612
LCS 860-68612/2-A	Lab Control Sample	Total/NA	Solid	6010C	68612
LCSD 860-68612/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	68612
880-18907-1 MS	WC	TCLP	Solid	6010C	68612
880-18907-1 MSD	WC	TCLP	Solid	6010C	68612

General Chemistry

Prep Batch: 68423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	7.3.4	
MB 860-68423/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 860-68423/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCSD 860-68423/3-A	Lab Control Sample Dup	Total/NA	Solid	7.3.4	
880-18907-1 DU	WC	Total/NA	Solid	7.3.4	

Prep Batch: 68449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	7.3.3	
MB 860-68449/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 860-68449/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
LCSD 860-68449/3-A	Lab Control Sample Dup	Total/NA	Solid	7.3.3	
880-18907-1 DU	WC	Total/NA	Solid	7.3.3	

Analysis Batch: 68493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	9034	68423
MB 860-68423/1-A	Method Blank	Total/NA	Solid	9034	68423
LCS 860-68423/2-A	Lab Control Sample	Total/NA	Solid	9034	68423
LCSD 860-68423/3-A	Lab Control Sample Dup	Total/NA	Solid	9034	68423
880-18907-1 DU	WC	Total/NA	Solid	9034	68423

Analysis Batch: 68495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	9012	68449
MB 860-68449/1-A	Method Blank	Total/NA	Solid	9012	68449
LCS 860-68449/2-A	Lab Control Sample	Total/NA	Solid	9012	68449
LCSD 860-68449/3-A	Lab Control Sample Dup	Total/NA	Solid	9012	68449
880-18907-1 DU	WC	Total/NA	Solid	9012	68449

Leach Batch: 68695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Soluble	Solid	DI Leach	
860-32931-A-4-C DU	Duplicate	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

General Chemistry

Analysis Batch: 68703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Total/NA	Solid	1010	
LCS 860-68703/1	Lab Control Sample	Total/NA	Solid	1010	
820-5645-A-1 DU	Duplicate	Total/NA	Solid	1010	

Analysis Batch: 68730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18907-1	WC	Soluble	Solid	9045D	68695
860-32931-A-4-C DU	Duplicate	Soluble	Solid	9045D	68695

Lab Chronicle

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Client Sample ID: WC

Lab Sample ID: 880-18907-1

Date Collected: 09/07/22 09:30

Matrix: Solid

Date Received: 09/07/22 11:43

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	68680	09/12/22 12:47	KLV	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	68602	09/12/22 14:19	KLV	EET HOU
Total/NA	Prep	3550C			30.03 g	1.0 mL	68419	09/09/22 10:12	BH	EET HOU
Total/NA	Analysis	8270D		1	1 mL	1 mL	68380	09/09/22 16:20	LPL	EET HOU
TCLP	Leach	1311			1.0 g	1.0 mL	68516	09/09/22 16:00	EMC	EET HOU
TCLP	Prep	3010A			10 mL	50 mL	68612	09/12/22 08:30	MD	EET HOU
TCLP	Analysis	6010C		1			68841	09/12/22 22:14	DP	EET HOU
Total/NA	Prep	3051A			.59 g	50 mL	68500	09/09/22 15:33	PB	EET HOU
Total/NA	Analysis	6010C		1			68756	09/09/22 20:17	DP	EET HOU
TCLP	Leach	1311			1.0 g	1.0 mL	68516	09/09/22 16:00	EMC	EET HOU
TCLP	Prep	7470A			50 mL	50 mL	68660	09/12/22 11:58	AGR	EET HOU
TCLP	Analysis	7470A		1			68747	09/12/22 16:32	SHZ	EET HOU
Total/NA	Prep	7471A			.59 g	50 mL	68407	09/09/22 09:14	AGR	EET HOU
Total/NA	Analysis	7471A		1			68531	09/09/22 14:58	SHZ	EET HOU
Total/NA	Analysis	1010		1			68703	09/12/22 14:48	JM	EET HOU
Total/NA	Prep	7.3.3			10.0 g	50 mL	68449	09/09/22 10:31	PSC	EET HOU
Total/NA	Analysis	9012		1	10 mL	10 mL	68495	09/09/22 14:05	YVD	EET HOU
Total/NA	Prep	7.3.4			10.0 g	50 mL	68423	09/09/22 10:31	PSC	EET HOU
Total/NA	Analysis	9034		1	40 mL	50 mL	68493	09/09/22 15:19	PSC	EET HOU
Soluble	Leach	DI Leach			20.01 g	20 mL	68695	09/12/22 13:47	TL	EET HOU
Soluble	Analysis	9045D		1	20.01 g	20 mL	68730	09/12/22 16:44	TL	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-22-47	06-30-23
Texas	TCEQ Water Supply	T104704215	12-31-22
USDA	US Federal Programs	P330-22-00025	03-02-23

Method Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET HOU
6010C	Metals (ICP)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
7471A	Mercury (CVAA)	SW846	EET HOU
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	EET HOU
9012	Cyanide, Reactive	SW846	EET HOU
9034	Sulfide, Reactive	SW846	EET HOU
9045D	pH	SW846	EET HOU
1311	TCLP Extraction	SW846	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3051A	Preparation, Metals, Microwave Assisted	SW846	EET HOU
3550C	Ultrasonic Extraction	SW846	EET HOU
5035	Closed System Purge and Trap	SW846	EET HOU
7.3.3	Cyanide, Reactive	SW846	EET HOU
7.3.4	Sulfide, Reactive	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
7471A	Preparation, Mercury	SW846	EET HOU
DI Leach	Deionized Water Leaching Procedure	ASTM	EET HOU

Protocol References:

ASTM = ASTM International

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: AMERAPEX
Project/Site: Denton Haul Off

Job ID: 880-18907-1
SDG: 22-20174

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18907-1	WC	Solid	09/07/22 09:30	09/07/22 11:43

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



Environment Testing

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

Chain of Custody

W/C



880-18907 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	James Fowler		Bill to: (if different)	
Company Name	Amenapex		Company Name:	
Address:	1111 Elm St		Address:	
City, State ZIP	Midland TX 79701	City, State ZIP:		
Phone	432 557 0934	Email	JFOWLER@AMENAPEX.COM	

Work Order Comments				
Program:	UST/PST ☐	PPP ☐	Brownfields ☐	RRC ☐ Superfund ☐
State of Project:				
Reporting	Level II ☐	Level III ☐	PST/UST ☐	TRRP ☐ Level IV ☐
Deliverables	EDD ☐	ADAPT ☐	Other	

[illegible][illegible]

Europeans Xerco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xerco, but not analyzed. These terms will be enforced unless previously negotiated. Samples constitute a valid purchase order from client company to Eurofins Xerco, its affiliates and subcontractors. It is the responsibility of the client if any losses or expenses incurred by the client if any losses are due to circumstances beyond the control of Eurofins Xerco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xerco, but not analyzed. These terms will be enforced unless previously negotiated. Samples constitute a valid purchase order from client company to Eurofins Xerco, its affiliates and subcontractors. It is the responsibility of the client if any losses or expenses incurred by the client if any losses are due to circumstances beyond the control of Eurofins Xerco.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		01/11/22			
		11/43			

Login Sample Receipt Checklist

Client: AMERAPEX

Job Number: 880-18907-1

SDG Number: 22-20174

Login Number: 18907

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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.	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	

Login Sample Receipt Checklist

Client: AMERAPEX

Job Number: 880-18907-1

SDG Number: 22-20174

Login Number: 18907

List Number: 2

Creator: Bolch, Taylor

List Source: Eurofins Houston

List Creation: 09/08/22 01:33 PM

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?	N/A	
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	



Appendix D:

Photographic Documentation



5/12/22, 07:58
+32.938289,-103.256568
Lovington NM 88260
United States

Facing North

View of the release area at the pooling area.



5/12/22, 08:01
+32.938170,-103.256673
Lovington NM 88260
United States

Facing NorthEast

View of the release area near the source.



Facing North

View of the flow path, toward the release point.



Facing North

View of the excavation near the release point



Facing East

Looking back down to the release point.



Facing West

Looking back toward the release point.



Facing East

View of the Backfilled Excavation



Facing South

View of the Backfilled Excavation.



WASTE MANIFESTS:

GM inc.

48758

Generator Name Amera Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man Jami Fowler

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. _____
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 3:09pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202
 NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name J+R Transport
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 03
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Kimberly Murphy

NAME (PRINT)

9-26-22

DATE

GMI

TITLE

Kimberly Murphy

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48757

Generator Name Amera Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man Jami Fowler

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. _____
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 3:02pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Phone No. 575-347-0434Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name DJ Truck Services

TRANSPORTER

Address _____

Print Name _____

Truck No. 177

Bin No. _____

Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 12 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48759

GENERATOR

Generator Name Amera Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing

Name & No. _____
 County _____
 API No. _____
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 3:11pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Sigala's Trucking

Address _____

Phone No. _____

TRANSPORTER

Print Name _____

Truck No. 01

Bin No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil /
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 12 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48760

GENERATOR

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing

Name & No. _____
 County _____
 API No. _____
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 3:13pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name DJ Truck Services

Address _____

Phone No. _____

TRANSPORTER

Print Name _____

Truck No. 922

Bin No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

48787

GENERATOR

Generator Name ~~FOG~~ Amara Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PD # ASG22-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMPIN: 6:27PM OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name JTR transport

Address _____

Phone No. _____

TRANSPORTER

Print Name _____

Truck No. 03

Bin No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines**Non-Exempt E&P Waste/Service Identification and Amount**

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each**C-138**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Nathan Mahan

NAME (PRINT)

9-26-22

DATE

GMI

TITLE

[Signature]

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48786

GENERATOR

Generator Name Amara Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing
 Name & No. _____
 County _____
 API No. PO# A3622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 6:20 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202
 NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434
 If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Sigala's trucking
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 001
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	Completion Fluid/Flowback	_____
Oil Based Cuttings	_____	Produced Water (Non-Injectable)	_____
Water Based Muds	_____	Gathering Line Water/Waste	_____
Water Based Cuttings	_____	Cement Water	_____
Produced Formation Solids	_____	Truck Washout / Jet Out	_____
Tank Bottoms	_____	Trash & Debris	_____
E&P Contaminated Soil	_____		
Gas Plant Waste	_____		

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 12 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Nathan Mechen

NAME (PRINT)

9-26-22

DATE

GMI

TITLE

[Signature]

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48785

GENERATOR

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing
 Name & No. _____
 County _____
 API No. PO# A3622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 6:10 PM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202
 NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434
 If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TRANSPORTER

Transporter's Name DJ truck services
 Address _____
 Phone No. _____

Print Name _____
 Truck No. 922
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	Completion Fluid/Flowback	_____	OTHER EXEMPT WASTE
Oil Based Cuttings	_____	Produced Water (Non-Injectable)	_____	_____
Water Based Muds	_____	Gathering Line Water/Waste	_____	_____
Water Based Cuttings	_____	Cement Water	_____	OTHER NON-EXEMPT WASTE
Produced Formation Solids	_____	Truck Washout / Jet Out	_____	_____
Tank Bottoms	_____	Trash & Debris	_____	_____
E&P Contaminated Soil	_____			
Gas Plant Waste	_____			

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Nathan Machen

NAME (PRINT)

9-26-22

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48770

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO# A5G22-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 8:54 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Phone No. 575-347-0434Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name DJ Truck Services

TRANSPORTER

Address _____

Print Name _____

Truck No. 922

Bin No. _____

Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Kimberly Murphy

NAME (PRINT)

9-27-22

DATE

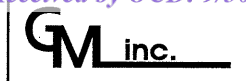
GMI

TITLE

Kimberly Murphy

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.



48771

Generator Name Amera Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PD# ASG22-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP
 IN: 9:00 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
 Name/No. Landfill _____

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202
 NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Quezada Bros LLC
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 09
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout / Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines**Non-Exempt E&P Waste/Service Identification and Amount**

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48772

GENERATOR

Generator Name Amera Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin DAVIS Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO# A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 9:02 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

Phone No. 575-347-0434

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Quezada Bros LLC
 Address _____
 Phone No. _____

Print Name _____
 Truck No. 7
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48773

GENERATOR

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing
 Name & No. _____
 County _____
 API No. PD# A3622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 9:08AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202
 NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434
 If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name J+R Transport
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 03
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout / Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

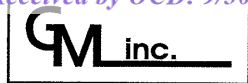
DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.



48774

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO# A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMPIN: 10:15 PM OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202
 NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name All Terrain
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 03
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil /
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout / Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines**Non-Exempt E&P Waste/Service Identification and Amount**

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each**C-138**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

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☒ RCRA NON-EXEMPT:

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☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48775

GENERATOR

Generator Name Amera Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO# A3622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 12:12pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name DJ Truck Services
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 922
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.



48778

GENERATOR

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing
 Name & No. _____
 County _____
 API No. PD# A5622-0924-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 12:27pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

Phone No. 575-347-0434

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Quezada Bros LLC
 Address _____

Print Name _____

Truck No. 09

Bin No. _____

Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Kimberly Murphy
 NAME (PRINT)

9-27-22
 DATE

GMI
 TITLE

Kimberly Murphy
 SIGNATURE

GM inc.

48779

GENERATOR

Generator Name Amera Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO# A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 12:27pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

Phone No. 575-347-0434

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Auezada Bros LLC
 Address _____

TRANSPORTER

Print Name _____

Truck No. 7

Bin No. _____

Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48780

Generator Name Amera Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PD# A3622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 12:35pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name J & R Transport
 Address _____

TRANSPORTER

Print Name _____
 Truck No. 23
 Bin No. _____
 Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	Completion Fluid/Flowback	_____
Oil Based Cuttings	_____	Produced Water (Non-Injectable)	_____
Water Based Muds	_____	Gathering Line Water/Waste	_____
Water Based Cuttings	_____	Cement Water	_____
Produced Formation Solids	_____	Truck Washout / Jet Out	_____
Tank Bottoms	_____	Trash & Debris	_____
E&P Contaminated Soil	<u>✓</u>		
Gas Plant Waste	_____		

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48781

GENERATOR

Generator Name Amara Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing
 Name & No. _____
 County PO# A5622-0926-07
 API No. _____
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 1:35pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name All Terrain
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 03
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout / Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Kimberly Murphy 9-27-22
 NAME (PRINT) DATE

GMI

TITLE

Kimberly Murphy
 SIGNATURE
 SUPERIOR PRINTING SERVICE, INC.

GM inc.

48795

GENERATOR

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County PD # A5622-0926-07
 API No. _____
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 3:29pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

Phone No. 575-347-0434

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name DJ Truck Services
 Address _____

TRANSPORTER

Print Name _____
 Truck No. 922
 Bin No. _____
 Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

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☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Kimberly Murphy

9-27-22

NAME (PRINT)

DATE

GMI

TITLE

Kimberly Murphy

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48796

GENERATOR

Generator Name Amerex Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO # A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMPIN: 3:47pm OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Quezada Bros LLC

Address _____

Phone No. _____

TRANSPORTER

Print Name _____

Truck No. 09

Bin No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTEOTHER NON-EXEMPT WASTE**WASTE GENERATION PROCESS:** ☐ Drilling☐ Completion☐ Production☐ Gathering Lines**Non-Exempt E&P Waste/Service Identification and Amount**

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each**C-138**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48797

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO# A3622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 3:49pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill _____

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Quezada Bros LLC
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 7
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout / Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48861

GENERATOR

Generator Name America Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing
 Name & No. _____
 County _____
 API No. PO # A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 12:27pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name JAR Transport
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 03
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout / Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48860

GENERATOR

Generator Name America Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin
 Lease/Well Davis Gas Processing
 Name & No. _____
 County _____
 API No. PO# ASG 22-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 12:20pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202

Phone No. 575-347-0434

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name All Terrain
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 3
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil /
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48815

GENERATOR

Generator Name Amerex Dex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man Jami Fowler

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO # A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 9:10AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill _____

Site Name / Permit No. Commercial Landfill (NM-01-0019)Phone No. 575-347-0434Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name DJ Truck Services

TRANSPORTER

Address _____

Print Name _____

Truck No. 922

Bin No. _____

Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48814

GENERATOR

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO # ASG22-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 9:01am OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Phone No. 575-347-0434Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Quezada Bros LLC

TRANSPORTER

Address _____

Print Name _____

Truck No. 07

Bin No. _____

Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48813

Generator Name Amerex Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO# A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 8:59AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name Quezada Bros LLC

Address _____

Phone No. _____

TRANSPORTER

Print Name _____

Truck No. 09

Bin No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid _____ Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48811

Generator Name Amerex Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man Jami Fowler

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PD# A3622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

IN: 8:52 PM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202
 NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name J+R Transport
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. Q3
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil /
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.



48810

GENERATOR

Generator Name Arena Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PD # A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: 8:48am OUT: _____Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Phone No. 575-347-0434Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name All Terra

TRANSPORTER

Address _____

Print Name _____

Phone No. _____

Truck No. 3

Bin No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Kimberly Murphy 9-28-22
 NAME (PRINT) DATE

GMI

TITLE

Kimberly Murphy
 SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

48812

GENERATOR

Generator Name Ameron Rex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PD # A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. Landfill _____

Site Name / Permit No. Commercial Landfill (NM-01-0019)Phone No. 575-347-0434Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name DJ Truck Services

TRANSPORTER

Address _____

Print Name _____

Truck No. 5166

Bin No. _____

Phone No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 9-27-22DRIVER'S SIGNATURE X Sergio Fueno

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE _____

OTHER NON-EXEMPT WASTE _____

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines

Non-Exempt E&P Waste/Service Identification and Amount

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid _____ Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

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☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below) _____☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

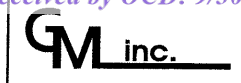
DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.



48799

GENERATOR

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. _____
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP**DISPOSAL FACILITY****RECEIVING AREA**IN: 4:49pm OUT: _____Name/No. LandfillSite Name / Permit No. Commercial Landfill (NM-01-0019)Phone No. 575-347-0434Address P.O. Box 1658 Roswell, NM 88202

NORM Readings Taken? (Circle One) YES NO

Pass the Paint Filter Test? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name All Terrain**TRANSPORTER**

Address _____

Print Name _____

Phone No. _____

Truck No. 03

Bin No. _____

Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓ _____
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout /Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE**OTHER NON-EXEMPT WASTE****WASTE GENERATION PROCESS:** ☐ Drilling☐ Completion☐ Production☐ Gathering Lines**Non-Exempt E&P Waste/Service Identification and Amount**

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each**C-138**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

NAME (PRINT)

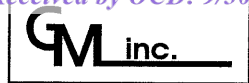
DATE

GMI

TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.



48798

Generator Name Amera Pex
 Address _____
 City, State, Zip _____
 Phone No. _____
 Company Man _____

GENERATOR

Location of Origin Davis Gas Processing
 Lease/Well _____
 Name & No. _____
 County _____
 API No. PO # A5622-0926-07
 Rig Name & No. _____
 AFE/PO No. _____

TRUCK TIME STAMP
 IN: 3:59pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
 Name/No. Landfill

Site Name / Permit No. Commercial Landfill (NM-01-0019)
 Address P.O. Box 1658 Roswell, NM 88202
 NORM Readings Taken? (Circle One) YES NO
 Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434
 If YES, was reading > 50 micro roentgens? (Circle One) YES NO

Transporter's Name JHR Transport
 Address _____
 Phone No. _____

TRANSPORTER

Print Name _____
 Truck No. 03
 Bin No. _____
 Phone No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

Exempt E&P Waste/Service Identification and Amount (Place volume next to waste type in barrels or cubic yards)

Oil Based Muds _____
 Oil Based Cuttings _____
 Water Based Muds _____
 Water Based Cuttings _____
 Produced Formation Solids _____
 Tank Bottoms _____
 E&P Contaminated Soil ✓
 Gas Plant Waste _____

Completion Fluid/Flowback _____
 Produced Water (Non-Injectable) _____
 Gathering Line Water/Waste _____
 Cement Water _____
 Truck Washout / Jet Out _____
 Trash & Debris _____

OTHER EXEMPT WASTE

OTHER NON-EXEMPT WASTE

WASTE GENERATION PROCESS: ☐ Drilling☐ Completion☐ Production☐ Gathering Lines**Non-Exempt E&P Waste/Service Identification and Amount**

(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____

*Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☒ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided.)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

Kimberly Murphy
 NAME (PRINT)

9-27-22
 DATE

GMI

TITLE

Kimberly Murphy
 SIGNATURE

SUPERIOR PRINTING SERVICE, INC.



Appendix F:

NMOCD Correspondence

Jamey Fowler

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Friday, August 12, 2022 1:07 PM
To: Elena Hofmann
Cc: Alan Hill; Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD; Alan Hill; Jamey Fowler; Jess Tarrant
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 111074

Hello Elena

Your request for an extension to **September 30th, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Thanks
Jennifer Nobui

From: Elena Hofmann <elena.hofmann@eosolutions.net>
Sent: Friday, August 12, 2022 11:58 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Alan Hill <jamesalanhilltx@gmail.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Alan Hill <jamesalanhilltx@gmail.com>; Jamey Fowler <jfowler@amerapex.com>; 'Jess Tarrant' <starrant@amerapex.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 111074

Hi Jennifer. I understand Mr. Fowler and Mr. Tarrant of Amerapex have reached out to you regarding the Davis Gas Processing (DGP) Remediation Plan and that an additional extension request of 45 days was discussed. Please accept this request of an additional 45 days to complete and submit an updated Remediation Plan regarding application ID 111074 or ID nAPP2214657587 that has been discussed with you. DGP would plan to submit the completed plan by September 30, 2022.

We appreciate your consideration of this request and look forward to hearing back from you.

Regards,

Elena L. Hofmann
President

13201 NW Freeway, Suite 220
Houston, TX 77040
T 713.983.0112 C 713.208.1932 F 281.971.0521
www.eosolutions.net



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From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Thursday, July 7, 2022 10:10 AM
To: Elena Hofmann <elena.hofmann@eosolutions.net>
Cc: Alan Hill <jamesalanhilltx@gmail.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 111074

Hello Elena

An extension to **August 15, 2022** is approved for the submittal of a revised Remediation Plan. Please include this e-mail correspondence in the remediation plan submittal.

Thanks
Jennifer Nobui

From: Elena Hofmann <elena.hofmann@eosolutions.net>
Sent: Thursday, July 7, 2022 8:23 AM
To: ocdonline, emnrd, EMNRD <EMNRD.OCDOnline@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Alan Hill <jamesalanhilltx@gmail.com>; Elena Hofmann <elena.hofmann@eosolutions.net>
Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 111074

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

Good day OCD and Ms. Nobui. Regarding the below note on Application ID 111074 and the July 8th deadline, it has taken me the better part of this time to speak with Ms. Nobui whereafter she then recommended I speak with Mr. Mike Bratcher. On Tuesday, July 5th, Mr. Mike Bratcher was able to contact me and discuss the various clarification questions I had. Since my discussion with Mr. Bratcher, I have conferred with DGP and the group that completed this original work on the required path forward. As it has taken the better part of a month to get my questions answered with OCD, on behalf of Davis Gas Processing (DGP), I would like to request an extension to the original due date of July 8th. DGP requests 30 days to update and resubmit the remediation plan based on the denials detailed below. The 30 days will fall within a weekend, so DGP is requesting to submit an updated plan for OCD's review by or before August 8, 2022.

We appreciate your consideration of this matter and look forward to your reply.

Thank you,

Elena L. Hofmann
President

13201 NW Freeway, Suite 220
Houston, TX 77040
T 713.983.0112 C 713.208.1932 F 281.971.0521
www.eosolutions.net

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From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, June 7, 2022 11:44 AM

To: Elena Hofmann <elena.hofmann@eosolutions.net>

Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 111074

To whom it may concern (c/o Elena Hofmann for DAVIS GAS PROCESSING CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2214657587, for the following reasons:

- **Remediation Plan Denied. Report insufficient.** The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater. Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than two hundred (200) square feet. Report is missing laboratory data. OCD does not allow soil blending; cannot put blended soil back into the excavation. Please resubmit revised Remediation Plan by July 8, 2022.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 111074. Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-476-3441
Jennifer.Nobui@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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 148002

CONDITIONS

Operator: DAVIS GAS PROCESSING CO P.O. Box 51670 Midland, TX 79710	OGRID: 191566
	Action Number: 148002
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	10/6/2022