Partial Remediation Summary & Deferral Request

Permian Resources Airstream 603-605

Lea County, New Mexico Unit Letter, Section, Township South, Range East

NMOCD Reference No. nAPP2320839776 Latitude 32.38642 North, Longitude 103.42057 West

NMOCD Reference No. nAPP2329127081 Latitude 32.38640 North, Longitude 103.42045 West

Prepared By:

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Permian Resources (Permian), has prepared this *Partial Remediation Summary and Deferral Request* for the release sites known as the Airstream 603-605 (henceforth referred to collectively as, "Site"). The legal description of the Site is Unit Letter "O", Section 13, Township 22 South, Range 34 East, in Lea County, New Mexico. The property affected by the release is owned by the State of New Mexico and is administered by the New Mexico State Land Office (NMSLO). A "Site Location Map" is provided as Figure 1.

On July 17, 2023, Permian discovered a release at the Airstream Central Tank Battery. The initial Release Notification and Corrective Action (NMOCD Form C-141) indicated that corrosion resulted in the release of approximately seventy-eight (78) barrels (bbls) of crude oil. During initial response activities, the release site was secured, and a vacuum truck was utilized to recover approximately seventy (70) bbls of free-standing liquids.

On October 16, 2023, while remediating the first release, a second release occurred at the tank battery. The initial NMOCD Form C-141 indicated that the failure of a sight glass on a separator resulted in the release of approximately twenty-one (21) bbls of crude oil and five (5) bbls of produced water. During initial response activities, the release site was secured, and a vacuum truck was utilized to recover approximately eighteen (18) bbls of crude oil and four (4) bbls of produced water. The releases affected similar areas and will be remediated concurrently.

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. In addition, on July 12, 2024, a temporary depth to groundwater determination bore was installed at the Site. The temporary depth to groundwater determination bore (CP-02005) was drilled to a total depth of sixty-five (65) ft. below ground surface (bgs) and left open for a minimum seventy-two (72) hours. On July 16, 2024, the temporary depth to groundwater determination bore was gauged and the static water level was determined to be sixty (60) ft. bgs. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	60	Feet
Did the release impact groundwater or surface water?	Yes	X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes	X 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	X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes	X 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	X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes	X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes	X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes	X No
Are the lateral extents of the release overlying a subsurface mine?	Yes	X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes	X No
Are the lateral extents of the release within a 100-year floodplain?	Yes	X No
Did the release impact areas not on an exploration, development, production or storage site?	Yes	X No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1, 2, 5 and 6.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	10,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext		100
60 Feet	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

^{*} Measured in milligrams per kilogram (mg/kg)

4.0 BACKGROUND

Upon discovering the release remediation activities commenced at the Site. Impacted material in the lined process area was removed to the maximum extent practicable given the congested nature of the facility and proximity to active process equipment. The floor of the excavation was advanced to the underlying polyurethane liner, or a depth of approximately one (1) to one and one-half (1.5) ft. bgs. The sidewalls of the excavated area were advanced to the maximum extent practicable while ensuring the continued stability of the facility's above-ground process equipment. During the course of excavation activities, great care was taken to maintain the integrity of the underlying polyurethane liner although it was already compromised in the southwestern portion of the Site where impacts were excavated to an approximate depth of five (5) ft. bgs. Impacted material was temporarily stockpiled on-site, atop an impermeable liner pending transportation to an NMOCD-approved surface waste facility.

On October 16, 2023, a second release occurred at the facility. The release affected portions of the existing excavation along with an area on the north side of the facility.

On January 9, 2024, Etech assumed remediation responsibilities at the Site. Heavily impacted material on the north side of the tank battery facility was scraped and temporarily stockpiled on-site, atop an impermeable liner pending transportation to an NMOCD-approved surface waste facility. Affected portions of the polyurethane liner were cleaned to the extent practicable and impacted material beneath and adjacent to the on-site process equipment was excavated by hand in an effort to remove additional contamination while preserving the continued stability of the facility's above-ground process equipment.

September 16, 2024, Permian submitted a Site Assessment Report, Proposed Remediation Workplan & Partial Deferral Request detailing field activities conducted to date and laboratory analytical results from delineation and deferral characterization soil samples. The Workplan proposed excavating impacted material affected above the NMOCD Closure Criteria to the maximum extent practicable given the proximity to active tank battery equipment including, but not limited to, the heater treater, horizontal separators, tank battery containment and associated above ground equipment. Impacted material remaining in-situ adjacent to and beneath the heater treater, horizontal separators, tank battery containment and associated above ground equipment will be remediated upon abandoning and decommissioning that facility or during a major facility deconstruction. Etech maintains excavating impacted material adjacent to and beneath the heater treater, horizontal separators, tank battery containment and associated above ground equipment poses a safety risk and will results in a major facility deconstruction. The Workplan was subsequently approved.

[†] Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

[‡] The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1)

5.0 SUMMARY OF FIELD ACTIVITIES

On January 22, 2024, Etech conducted an assessment at the Site. During the assessment, twelve (12) soil samples (SP 1 @ 1', SP 2 @ 6', SP 3 @ 1', SP 4 @ 1', EH-1 @ 1', EH-2 @ 1', NH-1 @ 1', NH-2 @ 1', SH-1 @ 1', SH-2 @ 1', WH-1 @ 1' and WH-2 @ 1') were collected in an effort to further investigate the vertical and horizontal extent of soil impacts at the Site. The collected soil samples were submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride concentrations. Laboratory analytical results indicated benzene and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil sample SP 2 @ 6', which exhibited a concentration of 134 mg/kg. TPH concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil samples SP 1 @ 1', SP 2 @ 6', SP 3 @ 1' and SP 4 @ 1' which exhibited concentrations of 18,300 mg/kg, 5,550 mg/kg, 15,400 mg/kg and 9,990 mg/kg, respectively. A "Delineation Map" is provided as Figure 3. Laboratory analytical reports are provided in Appendix D.

On January 31, 2024, Etech revisited the Site. During the site visit, fourteen (14) soil samples (SP-1 @ 2'-R, SP-2 @ 3'-R, SP-3 @ 2'-R, SP-4 @ 10'-R, EH-1 @ Surf., EH2b @ Surf., EH-2b @ 1', NH - 1 @ Surf, NH - 2 @ Surf, SH - 1 @ Surf, SH - 2b @ Surf, SH - 2b @ 1', WH - 1 @ Surf and WH - 2 @ Surf.) were collected in an effort to further investigate the vertical and horizontal extent of soil impacts at the Site. The collected soil samples were submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride concentrations. Laboratory analytical results indicated benzene concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil sample SP-4 @10'-R, which exhibited a concentration of 17.1 mg/kg. Analytical results indicated BTEX concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil samples SP-2 @ 3'-R, SP-3 @ 2'-R and SP-4 @ 10'-R, which exhibited concentrations of 110 mg/kg, 261 mg/kg and 632 mg/kg, respectively. TPH concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples SP-2 @ 3'-R, SP-3 @ 2'-R and SP-4 @ 10'-R, which exhibited concentrations of 4,000 mg/kg, 7,460 mg/kg and 10,100 mg/kg, respectively. Chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples.

In addition, Etech utilized a hand-auger to collect sixteen (16) deferral characterization soil samples (DEF - 1 @ 6", DEF -1 @ 6' R, DEF - 2 @ 6", DEF - 2 @ 2', DEF - 3 @ 6", DEF - 3 @ 3'-R, DEF - 4 @ 6", DEF - 4 @ 4'-R, DEF - 5 @ 6", DEF - 5 @ 8'-R, DEF - 6 @ 6", DEF - 6 @ 5'-R, DEF - 7 @ 6", DEF - 7 @ 1.5', DEF - 8 @ 6", DEF - 8 @ 1') in an effort to characterize impacts proximate to the lined containment areas and active above ground equipment. The collected soil samples were submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride concentrations. Laboratory analytical results indicated benzene concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. Analytical results indicated BTEX concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil samples DEF-1 @ 6", DEF-1 @ 6'-R, DEF-3 @ 2'-R, DEF-5 @ 8'-R and DEF-6 @ 6", which exhibited concentrations of 56.0 mg/kg, 240 mg/kg, 180 mg/kg, 483 mg/kg and 102 mg/kg, respectively. TPH concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil samples DEF - 1 @ 6", DEF - 1 @ 6'-R, DEF - 2 @ 6", DEF - 2 @ 2', DEF - 3 @ 6", DEF - 3 @ 3' R, DEF - 4 @ 6", DEF - 5 @ 6", DEF - 5 @ 8'-R and DEF - 6 @ 6", which exhibited concentrations of 12,200 mg/kg, 8,180 mg/kg, 4,250 mg/kg, 4,970 mg/kg, 23,100 mg/kg, 7,920 mg/kg, 33,400 mg/kg, 27,600 mg/kg, 7,650 mg/kg and 43,200 mg/kg, respectively. Soil sample DEF-4 @ 4'-R exhibited a combined GRO & DRO of 1,780 mg/kg, which exceeded the NMOCD Closure Criteria. Chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. Further advancement of the hand-augered soil bores was precluded due to site conditions and limitations of the hand-auger. Based on laboratory analytical results from deferral characterization soil samples, additional investigation was warranted in the areas characterized by sample points DEF-1 though DEF-5. Full delineation was achieved in the area characterized by DEF-6 and soil was not impacted above the NMOCD Closure Criteria in the areas characterized by sample points DEF-7 and DEF-8.

On March 13, 2024, Etech revisited the Site in an effort to further characterize impacts in the areas characterized by sample points SP-1, DEF-1, DEF-3, DEF-4, DEF-5 and DEF-8. During the site visit, a mini-excavator was utilized to advance a series of delineation trenches. During the advancement of the delineation trenches, six (6) soil samples (SP 1 @ 3'. DEF 1 @ 12', DEF 3 @ 12', DEF 4 @ 5', DEF 5 @ 9', and DEF 8 @ 2') were collected and submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride concentrations. Laboratory analytical results indicated benzene and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. Analytical results indicated BTEX concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of

soil samples DEF 1 @ 12' and DEF 3 @ 12', which exhibited concentrations of 206 mg/kg and 200 mg/kg, respectively. TPH concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil samples DEF 1 @ 12' and DEF 3 @ 12', which exhibited concentrations of 10,600 mg/kg and 10,700 mg/kg, respectively. Based on laboratory analytical results from the collected soil samples, additional investigation was warranted in the area characterized by sample points DEF 1 and DEF 3.

On July 16, 2024, an air rotary environmental drilling rig was utilized to advance an investigative boring (BH) proximate to sample points DEF-1 and SP-2. During the advancement of the investigative soil boring, three (3) soil samples (BH @ 20', BH @ 24' and BH @ 28') were collected and submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride concentrations. Laboratory analytical results indicated benzene, BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples.

On September 12, 2024, an alternative environmental contractor completed the excavation of accessible soil impacts present in the southwestern portion of the release site. The floor and sidewalls of the excavated area were advanced until field observations suggested BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria. Five, (5) soil samples (FL @ 7', EW 1, NW 1, SW 1, and WW 1) were collected and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations which were determined to be below the NMOCD Closure Criteria.

September 16, 2024, Permian submitted a Site Assessment Report, Proposed Remediation Workplan & Partial Deferral Request detailing field activities conducted to date and laboratory analytical results from delineation and deferral characterization soil samples. The Workplan proposed excavating impacted material affected above the NMOCD Closure Criteria to the maximum extent practicable given the proximity to active tank battery equipment including, but not limited to, the heater treater, horizontal separators, tank battery containment and associated above ground equipment. Impacted material remaining in-situ adjacent to and beneath the heater treater, horizontal separators, tank battery containment and associated above ground equipment will be remediated upon abandoning and decommissioning that facility or during a major facility deconstruction. Etech maintains excavating impacted material adjacent to and beneath the heater treater, horizontal separators, tank battery containment and associated above ground equipment poses a safety risk and will results in a major facility deconstruction. The Workplan was subsequently approved.

On December 12, 2024, remediation activities resumed at the release site. Impacted material affected above the NMOCD Closure Criteria remaining on the north side of the active tank battery facility was excavated and temporarily stockpiled on-site. The floor of the excavated area was advanced until laboratory analytical results from excavation confirmation soil samples indicated concentrations of BTEX, TPH and chloride were below the NMOCD Closure Criteria. The sidewalls of the excavated area were advanced toward the North, West and East until laboratory analytical results indicated concentrations of BTEX, TPH and chloride were below the NMOCD Closure Criteria. The excavation was advanced toward the south to the maximum extent practicable given the unstable nature of the sandy soil and proximity to the active tank battery facility.

On January 2, 2025, Etech collected twenty-six (26) excavation confirmation soil samples (FL 1 @ 8', FL 2 @ 21', FL 3 @ 21', FL 4 @ 20', FL 5 @ 15', FL 6 @ 15', FL 7 @ 4', FL 8 @ 5', EW 1 @ 0-4', EW 2 @ 4-8', NW 1 @ 0-4', NW 2 @ 0-4', NW 3 @ 4-8', NW 4 @ 4-8', NW 5 @ 8-12', NW 6 @ 12-16', NW 7 @ 16-20', NW 8 @ 0-4', NW 9 @ 4-8', NW 10 @ 8-12', NW 11 @ 12-16', NW 12 @ 16-20', NW 13, WW 1, WW 2 and WW 3) from the floor and sidewalls of the excavated area. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. A "Site and Sample Location Map" is provided as Figure 4.

In addition, Etech collected twelve (12) deferral characterization soil samples (SW 1 - DEF @ 0-4', SW 1 - DEF @ 12'-16', SW 1 - DEF @ 16'-20', SW 1 - DEF @ 4'-8', SW 1 - DEF @ 8'-12', SW 2 - DEF @ 0-4', SW 2 - DEF @ 12'-16', SW 2 - DEF @ 16'-20', SW 2 - DEF @ 4'-8', SW 2 - DEF @ 8'-12', SW 3 - DEF @ 0-4' and SW 3 - DEF @ 4'-8') from the south sidewall and associated benches in an effort to characterize impacted material remaining in-situ to support and ensure the integrity of the active tank battery facility. Laboratory analytical results indicated benzene concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. Analytical results indicated BTEX and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil samples SW 1 – DEF @ 0-4' and SW 1 – DEF @ 16-20' which exhibited BTEX concentration of 55.8 mg/kg and 109 mg/kg, respectively. TPH concentrations exceeded the NMOCD Closure Criteria each of the submitted soil samples with the exception of soil samples SW 2 DEF @ 0-4, which exhibited a TPH concentration of 262 mg/kg. The maximum TPH concentration remaining in-situ is 17,900 mg/kg as seen in soil sample SW 2 – DEF @ 4'-8'. Etech maintains excavating

impacted material adjacent to and beneath the heater treater, horizontal separators, tank battery containment and associated above ground equipment poses a safety risk and will results in a major facility deconstruction.

To date approximately 1,820 cubic yards of impacted material has been excavated and transported to and NMOCD-permitted surface waste facility for disposal. Based on laboratory analytical results and remediation activities conducted to date, Etech on behalf of Permian, requests permission to backfill the excavated area with locally sourced non-impacted material. Final remediation and reclamation of impacted material beneath and adjacent to the active tank battery facility in the areas characterized by soil samples DEF – 1 @ 6', DEF 1 @ 12', DEF 3 @ 12', DEF – 5 @ 8'-R, SW 1 - DEF @ 0-4', SW 1 - DEF @ 12'-16', SW 1 - DEF @ 12'-16', SW 2 - DEF @ 12'-16', SW 2 - DEF @ 16'-20', SW 1 - DEF @ 4'-8', SW 1 - DEF @ 0-4' and SW 3 - DEF @ 4'-8' will be remediated upon abandoning and decommissioning the facility.

6.0 PARTIAL DEFERRAL REQUEST

The proposed remediation activities were conducted in accordance with the approved Site Assessment Report, Proposed Remediation Workplan & Partial Deferral Request. Impacted material affected above the NMOCD Closure Criteria will be excavated to the maximum extent practicable given the proximity to active tank battery equipment including, but not limited to, the heater treater, horizontal separators, tank battery containment and associated above ground equipment. Impacted material remaining in-situ adjacent to and beneath the heater treater, horizontal separators, tank battery containment and associated above ground equipment will be remediated upon abandoning and decommissioning that facility or during a major facility deconstruction. Etech maintains excavating impacted material adjacent to and beneath the heater treater, horizontal separators, tank battery containment and associated above ground equipment poses a safety risk and will results in a major facility deconstruction.

Final reclamation will be conducted in accordance with applicable NMOCD and NMSLO regulatory guidelines upon abandoning and decommissioning the facility.

7.0 LIMITITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Partial Remediation Summary & Deferral Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Permian Resources. Use of the information contained in this report is prohibited without the consent of Etech and/or Permian Resources.

8.0 DISTRIBUTION

Permian Resources

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New Mexico State Land Office

Environmental Compliance Office 2827 North Dal Paso St. Suite 117 Hobbs, NM 88240

Figure 1Site Location Map

Figure 2
Aerial Proximity Map

Figure 5 Delineation Map

Legend:

Sample Point

Deferral Characterization Soil Samples

Test Trench

Soil Boring

Figure 3

Delineation Map Permian Resources Airstream 603-605 GPS: 32.38642, -103.42057 Lea County

Date:

1/17/25

Figure 4 Site and Sample Location Map

Drafted: jwl

Checked: client

1/17/25

Table 1Concentrations of BTEX, TPH and Chloride in Soil

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Airstream 603-605
NMOCD Ref # nAPP2320839776

NMOCD Ref. #: nAPP2320839776 NMOCD Closure Criteria 10 50 1,000 - 2,500 10											
				10	50	-	-	1,000	-	2,500	10,000
NMOCD	Reclamation	Standard		10	50	-	-	-	-	100	600
				SW 846	5 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
EH - 1 @ Surf	1/31/2024	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH - 1 @ 1'	1/22/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EH - 2b @ Surf	1/31/2024	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH - 2 @ 1'	1/22/2024	1	In-Situ	< 0.050	< 0.300	<10.0	64.3	64.3	37.1	101	32.0
EH - 2b @ 1'	1/31/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH - 1 @ Surf	1/31/2024	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NH - 1 @ 1'	1/22/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NH - 2 @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NH - 2 @ 1'	1/22/2024	1	In-Situ	< 0.050	< 0.300	<10.0	70.7	70.7	21.8	92.5	144
SH - 1 @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	42.1	42.1	<10.0	42.1	48.0
SH - 1 @ 1'	1/22/2024	1	In-Situ	< 0.050	< 0.300	<10.0	18.2	18.2	<10.0	18.2	368
SH - 2b @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	19.2	19.2	<10.0	19.2	32.0
SH - 2 @ 1'	1/22/2024	1	In-Situ	< 0.050	< 0.300	<10.0	177	177	77.2	254	128
SH - 2b @ 1'	1/31/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH - 1 @ Surf		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WH - 1 @ 1'	1/22/2024	1	In-Situ	< 0.050	1.06	<10.0	<10.0	<20.0	<10.0	<30.0	224
WH - 2 @ Surf	1/31/2024	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH - 2 @ 1'	1/22/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
BH @ 20'	7/16/2024	20	In-Situ	< 0.050	< 0.300	<10.0	95.1	95.1	23.0	118	16.0
BH @ 24'	7/16/2024	24	In-Situ	< 0.050	< 0.300	<10.0	61.0	61.0	12.9	73.9	32.0
BH @ 28'	7/16/2024	28	In-Situ	< 0.050	< 0.300	<10.0	64.8	64.8	13.6	78.4	32.0
SP 1 @ 1'	1/22/2024	1	Excavated	< 0.050	< 0.300	<100	13,600	13,600	4,690	18,300	192
SP - 1 @ 2'-R	1/31/2024	2	Excavated	< 0.050	0.482	<10.0	327	327	111	438	64.0
SP 1 @ 3'	3/13/2024	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP - 2 @ 3'-R	1/31/2024	3	Excavated	2.21	110	592	2,850	3,440	562	4,000	960
SP 2 @ 6'	1/22/2024	6	Excavated	1.72	134	1,400	3,620	5,020	529	5,550	752
SP 3 @ 1'	1/22/2024	1	Excavated	< 0.500	36.4	745	12,400	13,100	2,210	15,400	224
SP - 3 @ 2'-R	1/31/2024	2	Excavated		261	1,710	4,870	6,580	882	7,460	16.0
SP 4 @ 1'	1/22/2024		Excavated	0.0560	13.4	408	8,100	8,510	1,480	9,990	208
SP - 4 @ 10'-R		10	Excavated	17.1	632	3,120	5,920	9,040	1,070	10,100	32.0
FL @ 7'	9/12/2024	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	13.4	13.4	32.0
EW 1	9/12/2024	0-7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 1	9/12/2024	0-7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
SW 1	9/12/2024	0-7	In-Situ	<0.050	<0.300	<10.0	242	242	126	368	32.0
WW 1	9/12/2024	0-7	In-Situ	<0.050	<0.300	<10.0	596	596	542	1,140	48.0
FL 1 @ 8'	1/2/2025	8	In-Situ	<0.050	<0.300	<10.0	12.1	12.1	<10.0	12.1	<16.0
FL 2 @ 21'	1/2/2025	21	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 3 @ 21'	1/2/2025	21	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 4 @ 20' FL 5 @ 15'	1/2/2025	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
$\overline{}$	1/2/2025	15 15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 6 @ 15'	1/2/2025	13	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144

Table 1 Concentrations of BTEX, TPH, and Chloride in Soil Permian Resources

Airstream 603-605 NMOCD Ref. #: nAPP2320839776

NMOCD Redamator NMOCD Red	NMOCD Ref. #: nAPP2320839776											
Sample ID Date Depth (Feet) Satis Secure Satus Secure	NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	10,000
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	NMOCD	Reclamation	Standard				-	-	-	-	100	
Sample ID					SW 846	6 8021B		SW		Ext.		4500 Cl
FL 7 (26 4' 1/2/2025 5 1 1 1 1 1 1 1 1	Sample ID	Date	_		Benzene	BTEX						Chloride
FL 7 @ 4*			(reet)	Status								
F. B	TT. 7 0 41	1 /2 /2 0 2 5	4	T 01:	0.050	0.200		, , ,		, , ,		64.0
EW 1 (@ 0.4" 1/2/2025 0.4	$\overline{}$											
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $												
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$												
NW 2 @ 0-4' 1/2/2025 0-4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 NW 3 @ 4-8 1/2/2025 4-8 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <30.0 <16.0 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <												
NW 3 @ 4-8" 1/2/2025	$\overline{}$											
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NW 5 @ 8-12' 1/2/2025 8-12 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 NW 6 @ 12-16' 1/2/2025 12-16 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 NW 7 @ 16-20' 1/2/2025 12-20 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 NW 8 @ 0-4' 1/2/2025 4-8 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	$\overline{}$											
NW 6 @ 12-16 1/2/2025 12-16 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 NW 7 @ 16-20 1/2/2025 16-20 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 NW 8 @ 0-4 1/2/2025 <10-4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.	$\overline{}$											
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NW 9 @ 4-8" 1/2/2025 4-8 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <16.0 NW 10 @ 8-12" 1/2/2025 8-12 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <16.0 NW 11 @ 12-16 1/2/2025 12-16 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.	$\overline{}$											
NW 10 @ 8-12	$\overline{}$											
NW 11 @ 12-16 1/2/2025 12-16 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0												
NW 12 @ 16-20 1/2/2025 16-20 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <20.0 <10.0 <30.0 <16.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0												
NW 13	NW 11 @ 12-16'											
WW 1		1/2/2025	16-20		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	
WW 2												
WW 3			0-20	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	
DEF - 1 @ 6" 1/31/2024 0.5 Excavated 0.668 56.0 620 9,770 10,400 1,810 12,200 464 DEF - 1 @ 6'-R 1/31/2024 6 Deferred 1.60 240 1,980 5,360 7,340 836 8,180 1,120 DEF 1 @ 12" 3/13/2024 12 Deferred 2.22 206 2,540 7,230 9,770 858 10,600 80.0 DEF - 2 @ 6" 1/31/2024 0.5 Excavated 0.315 32.3 408 3,260 3,670 582 4,250 80.0 DEF - 2 @ 2" 1/31/2024 2 Excavated 0.286 35.6 314 3,910 4,220 745 4,970 368 DEF - 3 @ 6" 1/31/2024 0.5 Excavated 0.269 16.8 384 18,400 18,800 4,310 23,100 1,150 DEF - 3 @ 3'-R 1/31/2024 3 Excavated 2.00 180 2,000 5,140 7,140 783 7,920 64.0 DEF - 3 @ 12" 3/13/2024 12 Deferred 3.17 200 2,590 7,160 9,750 914 10,700 128 DEF - 4 @ 6" 1/31/2024 4 Excavated 0.050 5.55 126 1,650 1,780 317 2,090 48.0 DEF - 4 @ 4'-R 1/31/2024 5 Excavated <0.050 5.55 126 1,650 1,780 317 2,090 48.0 DEF - 5 @ 6" 3/13/2024 5 Excavated <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 144 DEF - 5 @ 8'-R 1/31/2024 8 Deferred 5.70 483 2,110 4,820 6,930 716 7,650 112 DEF - 6 @ 6" 1/31/2024 0.5 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 DEF - 6 @ 6" 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 DEF - 7 @ 6" 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 DEF - 7 @ 6" 1/31/2024 0.5 Excavated <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 DEF - 8 @ 6" 1/31/2024 0.5 Deferred <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0 DEF - 8 @ 6" 1/31/2024 0.5 Deferred <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <11.2 DEF - 8 @ 6" 1/31/2024 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <11.2 DEF - 8 @ 6"		1/2/2025	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	WW 3	1/2/2025	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF (a) 12' 3/13/2024 12 Deferred 2.22 206 2,540 7,230 9,770 858 10,600 80.0	DEF - 1 @ 6"	1/31/2024	0.5	Excavated	0.668	56.0	620	9,770	10,400	1,810	12,200	464
DEF - 2 @ 6" 1/31/2024 0.5 Excavated 0.315 32.3 408 3,260 3,670 582 4,250 80.0 DEF - 2 @ 2' 1/31/2024 2 Excavated 0.286 35.6 314 3,910 4,220 745 4,970 368 DEF - 3 @ 6" 1/31/2024 0.5 Excavated 0.269 16.8 384 18,400 18,800 4,310 23,100 1,150 DEF - 3 @ 3'-R 1/31/2024 3 Excavated <2.00	DEF - 1 @ 6'-R	1/31/2024	6	Deferred		240	1,980	5,360	7,340		8,180	1,120
DEF - 2 @ 2' 1/31/2024 2 Excavated 0.286 35.6 314 3,910 4,220 745 4,970 368 DEF - 3 @ 6" 1/31/2024 0.5 Excavated 0.269 16.8 384 18,400 18,800 4,310 23,100 1,150 DEF - 3 @ 3'-R 1/31/2024 3 Excavated <2.00 180 2,000 5,140 7,140 783 7,920 64.0 DEF 3 @ 12' 3/13/2024 12 Deferred 3.17 200 2,590 7,160 9,750 914 10,700 128 DEF - 4 @ 6" 1/31/2024 0.5 Excavated 0.171 10.4 488 27,700 28,200 5,210 33,400 112 DEF - 4 @ 4'-R 1/31/2024 4 Excavated <0.050 5.55 126 1,650 1,780 317 2,090 48.0 DEF - 3 @ 6" 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 144 DEF - 5 @ 6" 1/31/2024 8 Deferred 5.70 483 2,110 4,820 6,930 716 7,650 112 DEF - 6 @ 6" 1/31/2024 9 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 DEF - 6 @ 6" 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 DEF - 6 @ 6" 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 DEF - 6 @ 6" 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 DEF - 7 @ 6" 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 DEF - 7 @ 6" 1/31/2024 1.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <11.2 DEF - 8 @ 6" 1/31/2024 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <11.2 DEF - 8 @ 6" 1/31/2024 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <11.2 DEF - 8 @ 6" 1/31/2024 0.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <11.2 DEF - 8 @ 6" 1/31/2024 1.5 In-Situ <0.050 <0.300 <10.0 <10.0 <10.0 <20.0 <10.0 <20.0 <10.0 <20.0 <10.0 <20.0 <10.0 <20.0 <10.0 <20.0 <10.0 <20.0 <10.0 <20.0 <10.0 <20	DEF 1 @ 12'		12	Deferred	2.22	206	2,540	7,230	9,770	858	10,600	80.0
DEF - 3 @ 6" 1/31/2024 0.5 Excavated 0.269 16.8 384 18,400 18,800 4,310 23,100 1,150 DEF - 3 @ 3'-R 1/31/2024 3 Excavated <2.00	$\overline{}$			Excavated					3,670		4,250	
DEF - 3 @ 3'-R 1/31/2024 3 Excavated <2.00 180 2,000 5,140 7,140 783 7,920 64.0 DEF 3 @ 12' 3/13/2024 12 Deferred 3.17 200 2,590 7,160 9,750 914 10,700 128 DEF - 4 @ 6" 1/31/2024 0.5 Excavated 0.171 10.4 488 27,700 28,200 5,210 33,400 112 DEF - 4 @ 4'-R 1/31/2024 4 Excavated <0.050				Excavated	0.286				4,220		4,970	368
DEF 3 @ 12' 3/13/2024 12 Deferred 3.17 200 2,590 7,160 9,750 914 10,700 128 DEF - 4 @ 6" 1/31/2024 0.5 Excavated 0.171 10.4 488 27,700 28,200 5,210 33,400 112 DEF - 4 @ 6" 1/31/2024 4 Excavated <0.050			0.5	Excavated	0.269	16.8	384	18,400	18,800	4,310	23,100	1,150
DEF - 4 @ 6" 1/31/2024 0.5 Excavated 0.171 10.4 488 27,700 28,200 5,210 33,400 112 DEF - 4 @ 4'-R 1/31/2024 4 Excavated <0.050												
DEF - 4 @ 4'-R 1/31/2024 4 Excavated <0.050 5.55 126 1,650 1,780 317 2,090 48.0 DEF 4 @ 5' 3/13/2024 5 In-Situ <0.050	DEF 3 @ 12'	3/13/2024	12	Deferred	3.17	200	2,590	7,160	9,750	914	10,700	128
DEF 4 @ 5' 3/13/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 144 DEF - 5 @ 6" 1/31/2024 0.5 Excavated <0.050 2.76 <50.0 21,700 21,700 5,880 27,600 160 DEF - 5 @ 8'-R 1/31/2024 8 Deferred 5.70 483 2,110 4,820 6,930 716 7,650 112 DEF 5 @ 9' 3/13/2024 9 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 DEF - 6 @ 6" 1/31/2024 0.5 Excavated <0.500 102 1,500 35,500 37,000 6,220 43,200 912 DEF - 6 @ 5'-R 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 DEF - 7 @ 6" 1/31/2024 0.5 Deferred <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 DEF - 7 @ 6" 1/31/2024 1.5 In-Situ <0.050 <0.300 <10.0 10.9 10.9 10.9 <10.0 10.9 1,280 DEF - 7 @ 1.5' 1/31/2024 1.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 112 DEF - 8 @ 6" 1/31/2024 0.5 In-Situ <0.050 <0.300 <10.0 401 401 222 623 224 DEF - 8 @ 1' 1/31/2024 1 In-Situ <0.050 <0.300 <10.0 182 182 37.8 220 208	DEF - 4 @ 6"	1/31/2024	0.5	Excavated	0.171	10.4	488	27,700	28,200	5,210	33,400	112
DEF - 5 @ 6" 1/31/2024 0.5 Excavated <0.050 2.76 <50.0 21,700 21,700 5,880 27,600 160 DEF - 5 @ 8'-R 1/31/2024 8 Deferred 5.70 483 2,110 4,820 6,930 716 7,650 112 DEF 5 @ 9' 3/13/2024 9 In-Situ <0.050												
DEF - 5 @ 8'-R 1/31/2024 8 Deferred 5.70 483 2,110 4,820 6,930 716 7,650 112 DEF 5 @ 9' 3/13/2024 9 In-Situ <0.050	Ü			In-Situ					<20.0			144
DEF 5 @ 9' 3/13/2024 9 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 80.0 DEF - 6 @ 6" 1/31/2024 0.5 Excavated <0.500 102 1,500 35,500 37,000 6,220 43,200 912 DEF - 6 @ 5'-R 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 64.0 DEF - 7 @ 6" 1/31/2024 0.5 Deferred <0.050 <0.300 <10.0 10.9 10.9 <10.0 10.9 1,280 DEF - 7 @ 1.5' 1/31/2024 1.5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 112 DEF - 8 @ 6" 1/31/2024 0.5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 112 DEF - 8 @ 1' 1/31/2024 0.5 In-Situ <0.050 <0.300 <10.0 401 401 401 222 623 <t< td=""><td>$\overline{}$</td><td></td><td>0.5</td><td>Excavated</td><td>< 0.050</td><td>2.76</td><td>< 50.0</td><td>21,700</td><td>21,700</td><td>5,880</td><td>27,600</td><td>160</td></t<>	$\overline{}$		0.5	Excavated	< 0.050	2.76	< 50.0	21,700	21,700	5,880	27,600	160
DEF - 6 @ 6" 1/31/2024 0.5 Excavated <0.500 102 1,500 35,500 37,000 6,220 43,200 912 DEF - 6 @ 5'-R 1/31/2024 5 In-Situ <0.050	DEF - 5 @ 8'-R	1/31/2024		Deferred	5.70	483	2,110	4,820	6,930	716	7,650	112
DEF - 6 @ 5'-R 1/31/2024 5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 64.0 DEF - 7 @ 6" 1/31/2024 0.5 Deferred <0.050	DEF 5 @ 9'	3/13/2024	9	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	
DEF - 7 @ 6" 1/31/2024 0.5 Deferred <0.050	DEF - 6 @ 6"	1/31/2024	0.5	Excavated	< 0.500		1,500	35,500	37,000	6,220	43,200	912
DEF - 7 @ 1.5' 1/31/2024 1.5 In-Situ <0.050	DEF - 6 @ 5'-R	1/31/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	64.0
DEF - 8 @ 6" 1/31/2024 0.5 In-Situ <0.050 <0.300 <10.0 401 401 222 623 224 DEF - 8 @ 1' 1/31/2024 1 In-Situ <0.050 <0.300 <10.0 182 182 37.8 220 208	DEF - 7 @ 6"	1/31/2024	0.5	Deferred	< 0.050	< 0.300	<10.0	10.9	10.9	<10.0	10.9	1,280
DEF - 8 @ 1' 1/31/2024 1 In-Situ <0.050 <0.300 <10.0 182 182 37.8 220 208	DEF - 7 @ 1.5'	1/31/2024	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
	DEF - 8 @ 6"	1/31/2024	0.5	In-Situ	< 0.050	< 0.300	<10.0	401	401	222	623	224
DEF 8 @, 2' 3/13/2024 2 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0	DEF - 8 @ 1'	1/31/2024	1	In-Situ	< 0.050	< 0.300	<10.0	182	182	37.8	220	208
	DEF 8 @ 2'	3/13/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

			Tabl	le 1			
C	oncen	trations o	f BTEX,	ΓPH, and	Chloride i	in Soil	
]	Permian F	Resources			
			Airstream	603-605			
		NMOCI	D Ref. #: n	APP2320	839776		
a		10	50	-	-	1,000	-
lard		10	50	-	-	-	-
		SW 846	6 8021B		SW	846 8015M	Ext.

NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	10,000
NMOCD	Reclamation	Standard		10	50	-	-	-	-	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW 1 - DEF @ 0-4'	1/2/2025	0-4	Deferred	< 0.500	55.8	831	3,770	4,600	651	5,250	32.0
SW 1 - DEF @ 12'-16'	1/2/2025	12-16	Deferred	<1.00	28.5	471	3,260	3,730	583	4,310	48.0
SW 1 - DEF @ 16'-20'	1/2/2025	16-20	Deferred	<1.00	109	1,190	4,390	5,580	742	6,320	32.0
SW 1 - DEF @ 4'-8'	1/2/2025	4-8	Deferred	< 0.500	21.3	369	3,570	3,940	643	4,580	16.0
SW 1 - DEF @ 8'- 12'	1/2/2025	8- 12	Deferred	<1.00	24.6	354	3,500	3,850	632	4,490	32.0
SW 2 - DEF @ 0-4'	1/2/2025	0-4	In-Situ	< 0.050	< 0.300	<10.0	183	183	79.0	262	160
SW 2 - DEF @ 12'-16'	1/2/2025	12-16	Deferred	<1.00	15.4	311	3,770	4,080	658	4,740	32.0
SW 2 - DEF @ 16'-20'	1/2/2025	16-20	Deferred	< 0.500	28.6	783	6,310	7,090	1,180	8,270	96.0
SW 2 - DEF @ 4'-8'	1/2/2025	4-8	Deferred	< 0.500	7.35	216	14,400	14,600	3,260	17,900	608
SW 2 - DEF @ 8'-12'	1/2/2025	8-12	Deferred	< 0.050	0.718	35.0	3,190	3,230	722	3,950	240
SW 3 - DEF @ 0-4'	1/2/2025	0-4	Deferred	< 0.050	< 0.300	10.4	2,770	2,780	761	3,540	224
SW 3 - DEF @ 4'-8'	1/2/2025	4-8	Deferred	< 0.050	0.941	29.6	6,520	6,550	1,510	8,060	1,500

Appendix ADepth to Groundwater Information

Lea County

Drafted: mag

Checked: jwl

Date:

11/22/23



NOI	OSE POD NO. Pod-1	(WELL NO	0.)		WELL TAG ID NO.			OSE FILE NO(CP-02005	S).			
OCAT	WELL OWNE Permian Re)					PHONE (OPTION 575-605-34"				
GENERAL AND WELL LOCATION	WELL OWNE PO 3641	R MAILING	G ADDRESS					CITY Hobbs		STAT NM		ZIP
P	WELL	T	D	EGREES	MINUTES	SECONI	os					
Y	LOCATION			32	23	12.1:	5	* ACCURACY	REQUIRED: ONE TEN	TH OF	A SECOND	
3		LA	TITUDE				N		QUIRED: WGS 84	01		
Æ	(FROM GPS	LO	NGITUDE	-103	25	10.7	7 W	DATOM KE	QUIRED. WGS 84			
1. GE	1		NG WELL LOCATION TO R-34E Lea County		RESS AND COMMON	LANDMA	RKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE A	VAILABLE	
	LICENSE NO.		NAME OF LICENSEI	DRILLED					NAME OF WELL DR	II I INC	COMPANY	
	WD-1	862	NAME OF LICENSEE	DRILLER	James Hawley				The state of the s		rprises, LLC	
											_	
	DRILLING ST		DRILLING ENDED	DEPTH OF CO	OMPLETED WELL (FT	r)	BORE HOI	LE DEPTH (FT)	DEPTH WATER FIR			
	7/12/	24	7/12/24		65			65		(50	
Z	COMPLETED	WELL IS:	ARTESIAN *add		LE SHALLOV	W (UNCON	FINED)		WATER LEVEL PLETED WELL 6	0	DATE STATIC	
10	DRILLING FL	UID:	✓ AIR	MUD	ADDITIVI	ES – SPECI	FY:					
& CASING INFORMATION	DRILLING MI	ETHOD: 7	Lound	MER CAB	LE TOOL OTHE	ER – SPECI	FY:		CHECK	HERE	IF PITLESS ADAI	TER IS
OR	DIGEERIO M	ETHOD. J.	J. ROTTEL J. ING.	THE CHE	EE TOOL				INSTAI	LED		
Ž	DEPTH (feet bgl)	BORE HOLE	CASING	MATERIAL AND	O/OR	CA	ASING	CASING	CA	SING WALL	SLOT
Ş	FROM	TO	DIAM	/: , ,	GRADE	,		NECTION	INSIDE DIAM.		HICKNESS	SIZE
SIL			(inches)		each casing string, sections of screen)			YPE ling diameter)	(inches)		(inches)	(inches)
CA	0	55	6		SCH 40 FJ Blank			read 2.38"	2.0		0.19	
જ	55	65	6	2" S	CH 40 FJ 0.10 perf		FJ Thi	read 2.38"	2.0		0.19	0.10
DRILLING						-						
				-								
DR												
7												
	DEPTIL	C +1 1)	İ	LIST ANNU	JLAR SEAL MATER	RIAL AND	GRAVEI	PACK SIZE-				
٠	DEPTH (feet bgl)	BORE HOLE		RANGE BY	Y INTERV	AL		AMOUNT		METHO: PLACEM	
M	FROM	TO	DIAM. (inches)	*(if using Ce	ntralizers for Artesia		dicate the	spacing below)	(cubic feet)		TLACEN	ILIVI
LER					N	N/A						
(A)												
R.												
ANNULAR MATERIAL			7)									
N												
3. A												
				T								
FOR	OOE DIEEE	IAI HOT						IVD 4	A WELL BEGORD	0.1.0	0.01	2/2022
FOR	OSE INTERN	NAL USE						WR-26	WELL RECORD	& LO	i (Version 09/2)	2/2022)

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

FILE NO.

LOCATION

										4000000		
	DEPTH (i	eet bgl)	THICKNESS (feet)	INCLUDE WATER	TYPE OF MATERIAL EN BEARING CAVITIES OF Clemental sheets to fully de	R FRACT	URE ZONES		WA' BEAR (YES		ESTIMATI YIELD FO WATER- BEARING ZONES (gp	OR - G
+	0	10	10		white caliche				Y	✓ N		
+	10	20	10		light tan sandy caliche			_	Y	✓ N		
-	20	63	43		light red alluvial sands				✓ Y	N		
+	63	65	2		Red Bed				Y	✓ N		
		03							Y	N		
									Y	N		
4. HYDROGEOLOGIC LOG OF WELL									Y	N		
FW								-	Y	N		
0 9								-+	Y	N		
07								-+	Y	N		
25									Y	N		
010								-	Y	N		
GE								-	Y	N		
DRC									Y	N		
E								-	Y	N		
4									Y	N		
								-	т Ү	N		
									Y	N		
									Y	N		
									Y	N		
							Т		Y	N		
	METHOD U	JSED TO E	STIMATE YIELD	OF WATER-BEARING	STRATA:					MATED D (gpm):	N/A	
	PUM	IP A	AIR LIFT	BAILER OT	HER – SPECIFY:			WEL	L HEL	o (gpin).		
NO	WELL TES	TEST STAF	RESULTS - ATT RT TIME, END TI	ACH A COPY OF DAT ME, AND A TABLE SH	A COLLECTED DURING OWING DISCHARGE AN	WELL T D DRAV	ESTING, INC	LUDII ER THI	NG DISC	CHARGE NG PERI	METHOD, OD.	
ISIC	MISCELLA	NEOUS IN	FORMATION:		Permian Resources Airs		TD 4 - 1-4		anth of	aroundy	votor casing	was
TEST; RIG SUPERVISI			le	ft in the hole until 7/16	6/24, gauged, pulled, and	well bo	re was plugg	ged.	cpin or	ground	Tator, casing	
TEST	PRINT NA	ME(S) OF I	ORILL RIG SUPE	RVISOR(S) THAT PRO	VIDED ONSITE SUPERVI	SION OF	WELL CON	STRU	CTION (OTHER 7	HAN LICENS	SEE:
5.1	Nathan Sm		2									
SIGNATURE	CORRECT	RECORD	OF THE ABOVE I	DESCRIBED HOLE AN	EST OF HIS OR HER KNO D THAT HE OR SHE WIL PLETION OF WELL DRIL	LFILE	GE AND BEL THIS WELL F	IEF, T	HE FOR	EGOINC H THE S	S IS A TRUE A	AND EER
6. SIGNA	1	Du	wh	Ja	nmes Hawley				7/	19/24		_
9		SIGNA	TURE OF DRILL	ER / PRINT SIGNEE	NAME					DATE		
EC	D OSE INTE	DNAL LICE					WR-20 WE	LL RE	CORD &	& LOG (\	ersion 09/22/2	2022)
	R OSE INTE LE NO.	MINAL USE			POD NO.		TRN NO.					
-	CATION				1	WELL	TAG ID NO.				PAGE 2	OF 2



Soil Boring/Temporary Monitor Well TMW-1

Company: Goodnight Midstream Permian, LLC

Site: Jalapeno RP

NMOCD Reference #: nAPP2132245281

Location: Lea Co., NM

PLSS: U/L "N", Sec. 19, T22S, R35E

Well/Borehole ID: TMW-1

Coordinates (NAD 83): 32.371791,-103.410713

Drilling Date: 5/4/2022 Depth of Boring (ft): 80 Depth to Groundwater (ft): 44 Plugging Date: 6/1/2022 Drilling Company: Scarborough Drilling, Inc.

Driller: L. Scarborough
Drilling Method: Air Rotary
Logged By: L. Scarborough
Drafted By: B. Arguijo
Draft Date: 6/10/2022

Completion: N/A Casing: 2" PVC Screen: 0.1" Slotted

Comments: Temporary monitor well advanced in northwest corner of production pad.

Depth (ft)	Groundwater	Lithology	Material Description	Chloride Field Test	Petroleum Odor	Petroleum Stain	Well Construction	
<u> </u>		0: B	Caliche pad Caliche fines	-	-	-		
_ 5 _			Sand	1				
_ _ 10				-	-	-		
_				-	-	-		
_ 15 _								
_ _ 20				-	-	-		
				-	-	-		
_ 25 _				_	_	_		
_ _ 30				-	_	_		
_				-	-	-		
_ 35 _				_	_	_		Je
40								in He
-	Į	. • .		-	-	-	Ŭ 	o-
_ 45 _				_	-	-		
50								
- - - 55				-	-	-		
_ 33				-	-	-		
60								
_ _ 65				-	-	-		
- - -				-	-	-		
- 70								
_ _ 75				-	-	-		
_				-	-	-		
80			Notes:				<u> </u>	
_ _ 85			Lines between material types represent approximate boundaries. Actual transitions may be gradual.					
90								
- - - 95								
- 33								
_								

Disclaimer This bore log is intended for environmental not geotechnical purposes.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

 Well Tag
 POD Number
 Q64 Q16 Q4 Sec
 Tws
 Rng
 X

 2062A
 CP 01682 POD1
 1 2 2 23 22S 34E 647164
 647164

X Y 47164 3583992 |

Driller License: 421 Driller Company: GLENN'S WATER WELL SERVICE

Driller Name: CORKY GLENN

Log File Date:09/19/2019PCW Rcv Date:Source:ShallowPump Type:Pipe Discharge Size:Estimated Yield:15 GPMCasing Size:8.13Depth Well:294 feetDepth Water:42 feet

Water Bearing Stratifications:

Top Bottom Description

42 56 Sandstone/Gravel/Conglomerate
68 92 Sandstone/Gravel/Conglomerate
242 274 Shale/Mudstone/Siltstone

Casing Perforations:
Top Bottom
0 294

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/22/23 10:22 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

 \mathbf{X}

CP 00622

22S 34E

3585030*

Driller License: 46 **Driller Company:**

ABBOTT BROTHERS COMPANY

Driller Name: MURRELL ABBOTT

06/03/1980

Drill Finish Date:

06/06/1980

Plug Date:

06/06/1980

Drill Start Date: Log File Date:

PCW Rcv Date:

Source:

Pump Type: Casing Size: Pipe Discharge Size:

Estimated Yield:

Depth Well:

Depth Water:

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/22/23 10:22 AM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help

STATE ENGINEER OFFICE WELL RECORD



Section 1. GENERAL INFORMATION

Street or	Post Office A	go Produci ddress P.(Midland	Box	10340					BKD Comm.7
•		t No. CP-6			and i				
		¼ <u>SE</u> ¼ <u>I</u>		ection]	L4 Tov	wnship	22S Ra	inge3	54E _{N.M.P.}
		of Map No.							
c. Lot N Subdi	ovision, record	of Block No ed inLe	a	0	f the				
		feet, Y=							
) Drilling (Contractor	Abbott B	cos.				_ License No	WD-46	;
ddress P	.0. Box	637, Hobl	os, New	Mexic	o 88	3240			
rilling Began	6/3/8	Omp	leted <u>6</u>	/6/80	Туре	tools	Cable	Size of I	nole 8 in
evation of la	nd surface or			a	t well is		_ ft. Total dept	h of well <u>Dr</u>	y Hole f
ompleted wel	l is 💢	shallow . a		COURS A T. ST.				n of well	f
Depth	in Feet	Thickness	ion 2. PRIN						ated Yield
From	То	in Feet		Description	n of Water-	Bearing F	ormation	(gallons	per minute)
DRY	HOLE							1	
								1	
		- 			ORD OF CA			<u> </u>	TD 6 11
Diameter (inches)	Pounds per foot	Threads per in.	Top	in Feet Botton		ength feet)	Type of Sh	oe Fr	Perforations om To
NO CAS	NG_DRY	HOLE							
		Section	on 4. RECO	RD OF MU	JDDING A	ND CEM	ENTING		
Depth From	in Feet To	Hole Diameter	Sac of M	ks	Cubic Fo	eet		od of Placem	ent
	1							<u>, , </u>	
·	<u> </u>		Section	on 5 PI HC	GGING RE	CORD		· · · · · · · · · · · · · · · · · · ·	
ugging Contr	actor At	bott Bros	3.	, t*					
ddress P.O	<u>. Box 63</u> od Ruble	7.Hobbs. filled &	New Me cement	xico at to	88240 p	No.	Depth in	Feet Bottom	Cubic Feet of Cement
ate Well Plug	ged 6/	6/80				1			
ugging appro	vea by: 	State Engi	neer Repres	entative		3 4		· · ·	
:			EOB HER	OE-STAT	E ENGINE	ER ONL			
ate Received	June 1	2, 1980	FOR USE				FWL		FSL
File No	CP-622			Hee	OWD		Location No. 2	2.34.14.2	4322

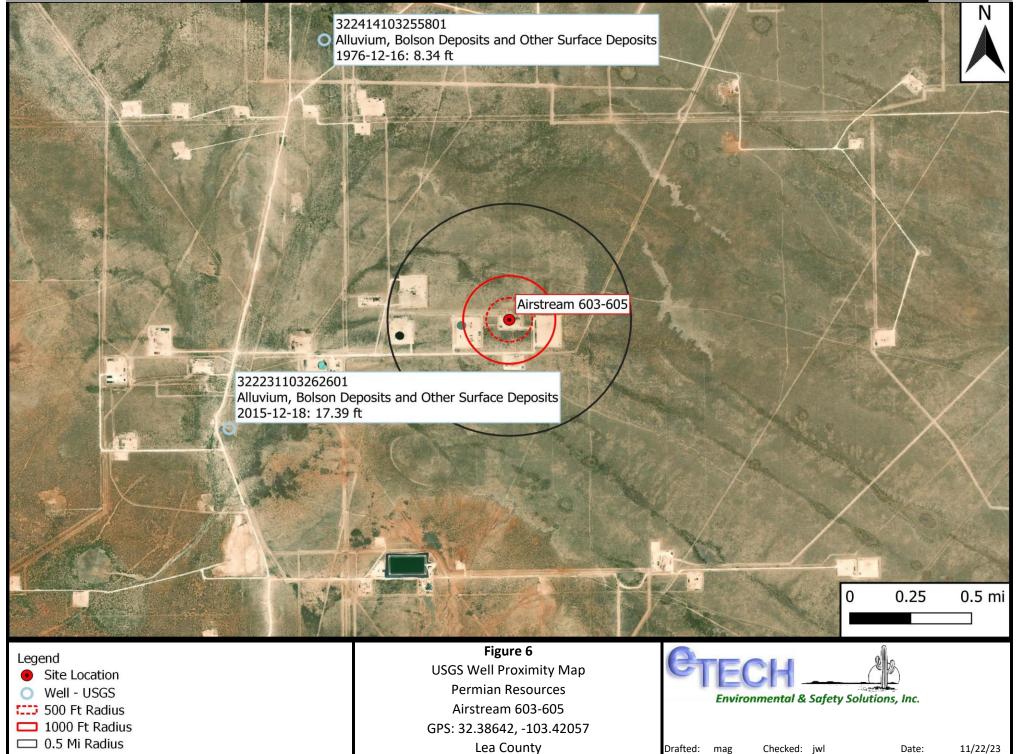
			Section 6. LOG OF HOLE				
Depth in Feet		Thickness	Color and Type of Material Encountered				
From	То	in Feet	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
0	3	3	Topsoil				
3	28	25	Caliche				
28	60	32	Sand w/streaks of gravel				
60	74	14	Cemented gravel				
74	110	36	Sand and gravel				
110	225	15	Red bed				
·							
		+ 5	3				

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be appouted in triplicate, preferably typewritten, and submitted of the State Engineer. A. tions, e: Section 5, shall be answered as completely accurat-

: appropriate district office possible when any well is





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	Geographic Area:			
05G5 Water Resources	Groundwater	✓ United States	∨ GO			

Click for News Bulletins

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 322231103262601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

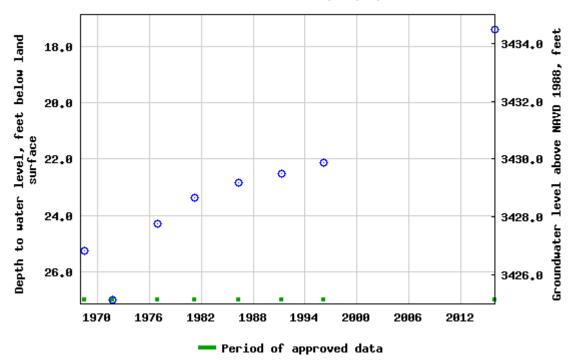
USGS 322231103262601 22S.34E.23.23131

Available data for this site Groundwater: Field measurements GO GO
Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'47.6", Longitude 103°26'25.3" NAD83
Land-surface elevation 3,452 feet above NAVD88
The depth of the well is 60 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits
(110AVMB) local aquifer.

Output formats

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

USGS 322231103262601 225.34E.23.23131



Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2023-11-22 12:20:09 EST

0.64 0.51 nadww01





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category: Geograp	hic Area:
03d3 Water Resources	Groundwater V United	States GO

Click forNews Bulletins

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs **site_no list** = • 322414103255801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322414103255801 22S.34E.11.24422

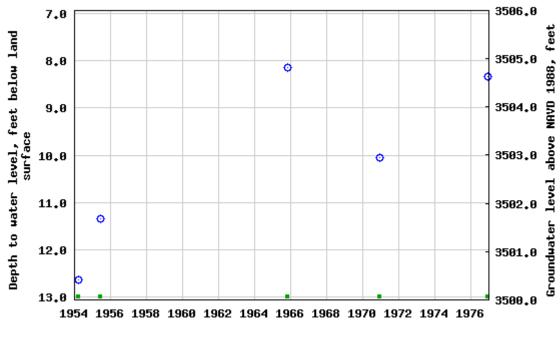
Available data for this site Groundwater: Field measurements V GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°24'14", Longitude 103°25'58" NAD27
Land-surface elevation 3,513 feet above NAVD88
The depth of the well is 16 feet below land surface.
This well is completed in the Other aguifers (N99990THER) national aguifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits
(110AVMB) local aquifer.

Output formats

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





Period of approved data

Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2023-11-22 12:20:10 EST

0.59 0.47 nadww01



Appendix BField Data and Soil Boring Log



					WELL TAG ID NO. OSE FILE NO(S)			S).					
GENERAL AND WELL LOCATION	Pod-1					CP-02005							
	WELL OWNER NAME(S) Permian Resources						PHONE (OPTIONAL)						
								575-605-3471					
	WELL OWNER MAILING ADDRESS PO 3641						CITY STATE ZIP Hobbs NM 88241				ZIP		
	DEGREES MINUTES SECONDS												
LA	WELL LOCATION	LAT	TTUDE	32 23 12.15 N			* ACCURACY	REQUIRED: ONE TEN	TH OF A	SECOND			
CRA	(FROM GPS)) EAT					* DATUM REC	* DATUM REQUIRED: WGS 84					
ENI	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE												
1.6	SWSE S-13 T-22S R-34E Lea County NM												
	LICENSE NO. NAME OF LICENSED DRILLER					NAME OF WELL DRILLING COMPANY							
	WD-1862				James Hawley				H&R	Enterp	rises, LLC		
	DRILLING STA		DRILLING ENDED			LE DEPTH (FT)	DEPTH WATER FIRS						
	7/12/24 7/12/24			65 65			65		60				
z	COMPLETED	WELL IS:	ARTESIAN *add Centralizer info be	DRY HOLE SHALLOW (UNCONFINED) IN COM			C WATER LEVEL DATE STATIC MEASU PLETED WELL 60 7/16/24						
TIO	DRILLING FLU	ЛD:	✓ AIR	MUD MUD	ADDITIV	VES – SPECI	IFY:						
DRILLING & CASING INFORMATION	DRILLING METHOD: 7 ROTARY HAMMER CABLE TOOL OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED						
NFO	DEPTH (feet bgl) BORE HOLE			CASING MATERIAL AND/OR CASING		SING	CASING	CASING WALL		SLOT			
NG	FROM	TO DIAM		GRADE (include each casing string, and		CONNECTION		INSIDE DIAM. T		HICKNESS	SIZE		
ASI			(inches)	note sections of screen)			TYPE (add coupling diameter)		(inches)	(inches)		(inches)	
8 0	0	55	6	2" SCH 40 FJ Blank				read 2.38"	2.0	0.19			
ING	55	65	6	2" SCH 40 FJ 0.10 perf		f	FJ Thread 2.38"		2.0		0.19 0.10		
III				-								-	
2. DR			+	-									
7			+										
	DEPTH (feet bgl) BORE HOLE			LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL		AMOUNT METHOD OF		D OF					
M	FROM	ТО	DIAM. (inches)	RANGE DI INTERVAL				spacing below)	(cubic feet) PL		PLACEN	CEMENT	
TER				N/A									
MAJ													
AR										_			
ANNULAR MATERIAL				-						_			
3. AN			+	-						_			
FOR	OSE INTERN	IAI LISE		-				W/P_2/	0 WELL RECORD	& LOG	(Version 00/2	2/2022)	

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

FILE NO.

LOCATION

	DEPTH (feet bgl)	THICKNESS (feet)	INCLUDE WATER	TYPE OF MATERIAL EN -BEARING CAVITIES OR lemental sheets to fully des	FRACT	URE ZONES	BEAL	TER RING? / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	10	10		white caliche			Y	✓ N	(CI
			10		light tan sandy caliche			Y	✓ N	
	10	20	-		light red alluvial sands			✓ Y	N	
	20	63	43		Red Bed			Y	✓ N	
	63	65	2		Red Bed			Y	N	
								Y	N	
ELL								Y	N	
4. HYDROGEOLOGIC LOG OF WELL								Y	N	
0.5								Y	N	
100										
GIC								Y	N	
ото								Y	N	
GEC								Y	N	
DRO							Administration in the control of the	Y	N	
HX								Y	N	
4								Y	N	
								Y	N	
							-	Y	N	
								Y	N	
					=			Y	N	
								Y	N	
								Y	N	
	METHOD	USED TO E	STIMATE YIELD	OF WATER-BEARING	STRATA:			OTAL ESTI		N/A
	PUM	IP \square A	AIR LIFT	BAILER OTI	HER – SPECIFY:		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	VELL YIEL	D (gpm):	IN/A
NOISI	WELL TE	STAF	RT TIME, END TI	ME, AND A TABLE SH	A COLLECTED DURING OWING DISCHARGE AN	D DRAV	/DOWN OVER	THE TEST	NG PERIO	OD.
TEST; RIG SUPERVISI			le	ft in the hole until 7/16	Permian Resources Airs 5/24, gauged, pulled, and	well bo	re was plugged			
LES	PRINT NA	ME(S) OF I	ORILL RIG SUPE	RVISOR(S) THAT PROV	VIDED ONSITE SUPERVI	SION OF	WELL CONST	RUCTION	OTHER T	HAN LICENSEE:
S.	Nathan Sm	nelcer								
TURE	CORRECT	ERSIGNED RECORD O PERMIT HO	F, THE FOR CORD WIT	REGOING H THE ST	IS A TRUE AND ATE ENGINEER					
. SIGNATURE	1	Du	wh/	Ja	imes Hawley			7.	/19/24	
6.		SIGNA	TURE OF DRILL	ER / PRINT SIGNEE	NAME				DATE	
F.C.	D OCE INTE	DNIAL LICE					WR-20 WELL	RECORD	& LOG (V	ersion 09/22/2022)
	R OSE INTE LE NO.	KNAL USE			POD NO.		TRN NO.			
-	CATION					WELL	TAG ID NO.			PAGE 2 OF 2

Appendix CPhotographic Log

Photo Number:

1

Photo Direction:

West

Photo Description:

View of surface staining within the facility proximate to the seperators.

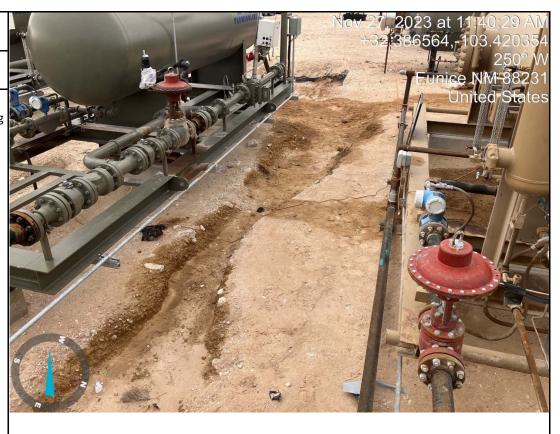


Photo Number:

2

Photo Direction:

Southwest

Photo Description:

View of surface staining within the facility proximate to the seperators.

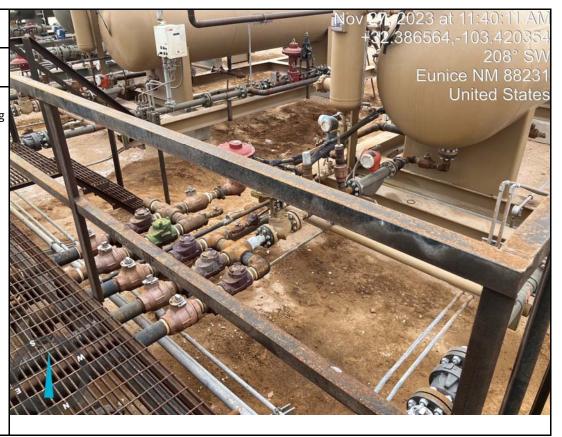


Photo Number:

3

Photo Direction:

Northeast

Photo Description:

View of surface staining on the north side of the tank battery facility.

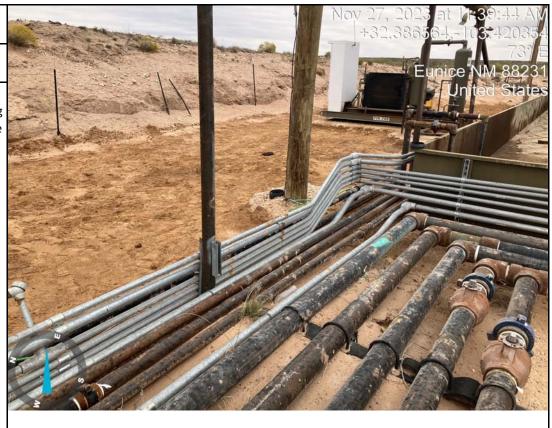


Photo Number:

4

Photo Direction:

West

Photo Description:

View of surface staining within the facility proximate to the seperators.

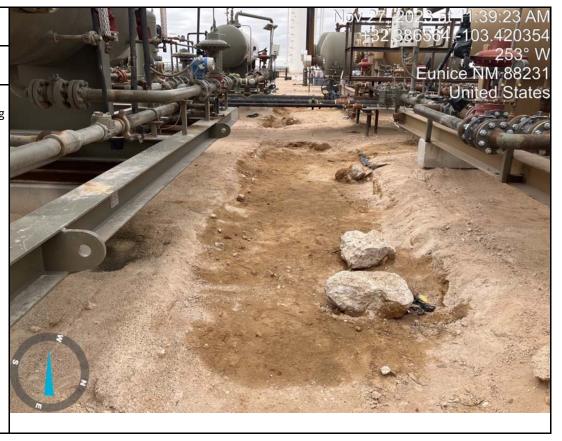


Photo Number:

5

Photo Direction:

Northeast

Photo Description:

View of surface staining within the facility proximate to the seperators.



Photo Number:

6

Photo Direction:

West

Photo Description:

View of affected area proximate to the seperators after excavation activities.



Photo Number:

7

Photo Direction: Southwest

Photo Description:

View of affected area on the north side of the tank battery containment after initial excavation activities.



Photo Number:

8

Photo Direction:

West

Photo Description:

View of affected area proximate to the seperators after excavation activities.



Photo Number:

9

Photo Direction:

West

Photo Description:

View of affected area on the north side of the tank battery containment after initial excavation activities.



Photo Number:

10

Photo Direction:

West

Photo Description:

View of affected area on the north side of the tank battery containment after initial excavation activities.



Photo Number:

10

Photo Direction:

Southwest

Photo Description: Aerial view of portion of

the excavated area on the north side of the active tank battery facility.



Photo Number:

11

Photo Direction:

East

Photo Description:

Aerial of portion of the excavated area on the north side of the active tank battery facility.



Photo Number:

12

Photo Direction:

Southeast

Photo Description:

View of portion of the excavated area on the north side of the active tank battery facility.



Photo Number:

13

Photo Direction:

South

Photo Description:

View of portion of the excavated area on the north side of the active tank battery facility.



Appendix DLaboratory Analytical Reports



January 26, 2024

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: AIRSTREAM 603-605

Enclosed are the results of analyses for samples received by the laboratory on 01/23/24 8:10.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 01/23/2024
 Sampling Date:
 01/22/2024

 Reported:
 01/26/2024
 Sampling Type:
 Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: GPS: (32.38642, -103.42057)

Sample ID: SP 1 @ 1' (H240286-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.17	109	2.00	2.39	
Toluene*	0.095	0.050	01/23/2024	ND	2.15	108	2.00	6.97	
Ethylbenzene*	0.051	0.050	01/23/2024	ND	2.22	111	2.00	9.34	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.60	110	6.00	11.1	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	01/24/2024	ND	220	110	200	0.608	
DRO >C10-C28*	13600	100	01/24/2024	ND	202	101	200	1.98	
EXT DRO >C28-C36	4690	100	01/24/2024	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	577	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: GPS: (32.38642, -103.42057)

ma/ka

Sample ID: SP 2 @ 6' (H240286-02)

RTFY 8021R

B1EX 8021B	mg	/кд	Analyze	a By: JH					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.72	0.500	01/23/2024	ND	2.17	109	2.00	2.39	
Toluene*	29.2	0.500	01/23/2024	ND	2.15	108	2.00	6.97	
Ethylbenzene*	23.0	0.500	01/23/2024	ND	2.22	111	2.00	9.34	
Total Xylenes*	80.1	1.50	01/23/2024	ND	6.60	110	6.00	11.1	
Total BTEX	134	3.00	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	136	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1400	10.0	01/23/2024	ND	220	110	200	0.608	
DRO >C10-C28*	3620	10.0	01/23/2024	ND	202	101	200	1.98	
EXT DRO >C28-C36	529	10.0	01/23/2024	ND					
Surrogate: 1-Chlorooctane	168	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Project Number: 19397 Sample Received By: Shalyn Rodriguez

Project Location: GPS: (32.38642, -103.42057)

Sample ID: SP 3 @ 1' (H240286-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/23/2024	ND	2.17	109	2.00	2.39	
Toluene*	7.55	0.500	01/23/2024	ND	2.15	108	2.00	6.97	
Ethylbenzene*	5.90	0.500	01/23/2024	ND	2.22	111	2.00	9.34	
Total Xylenes*	22.9	1.50	01/23/2024	ND	6.60	110	6.00	11.1	
Total BTEX	36.4	3.00	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	136 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	745	100	01/24/2024	ND	220	110	200	0.608	
DRO >C10-C28*	12400	100	01/24/2024	ND	202	101	200	1.98	
EXT DRO >C28-C36	2210	100	01/24/2024	ND					
Surrogate: 1-Chlorooctane	342 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	307	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Shalyn Rodriguez

Project Location: GPS: (32.38642, -103.42057)

Sample ID: SP 4 @ 1' (H240286-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.056	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	1.64	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	2.51	0.050	01/23/2024	ND	2.23	111	2.00	4.06	QM-07
Total Xylenes*	9.24	0.150	01/23/2024	ND	6.68	111	6.00	3.91	QM-07
Total BTEX	13.4	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	169	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	408	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	8100	10.0	01/24/2024	ND	205	102	200	0.276	QM-07
EXT DRO >C28-C36	1480	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	149	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	223	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: GPS: (32.38642, -103.42057)

Sample ID: WH - 1 @ 1' (H240286-05)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	0.332	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	0.171	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	0.559	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	1.06	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	56.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.7	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: GPS: (32.38642, -103.42057)

Sample ID: WH - 2 @ 1' (H240286-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Project Location: GPS: (32.38642, -103.42057)

Sample ID: SH - 1 @ 1' (H240286-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	18.2	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: GPS: (32.38642, -103.42057)

Sample ID: SH - 2 @ 1' (H240286-08)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	177	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	77.2	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: GPS: (32.38642, -103.42057)

Sample ID: EH - 1 @ 1' (H240286-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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01/22/2024

Soil

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 01/23/2024 Sampling Date: Reported: 01/26/2024 Sampling Type:

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Shalyn Rodriguez

Project Location: GPS: (32.38642, -103.42057)

Sample ID: EH - 2 @ 1' (H240286-10)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	64.3	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	37.1	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: GPS: (32.38642, -103.42057)

Sample ID: NH - 1 @ 1' (H240286-11)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	<10.0	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	<10.0	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/23/2024 Sampling Date: 01/22/2024

Reported: 01/26/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Shalyn Rodriguez

Project Location: GPS: (32.38642, -103.42057)

Sample ID: NH - 2 @ 1' (H240286-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2024	ND	2.31	116	2.00	1.02	
Toluene*	<0.050	0.050	01/23/2024	ND	2.14	107	2.00	6.11	
Ethylbenzene*	<0.050	0.050	01/23/2024	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	01/23/2024	ND	6.68	111	6.00	3.91	
Total BTEX	<0.300	0.300	01/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/23/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2024	ND	204	102	200	2.51	
DRO >C10-C28*	70.7	10.0	01/24/2024	ND	205	102	200	0.276	
EXT DRO >C28-C36	21.8	10.0	01/24/2024	ND					
Surrogate: 1-Chlorooctane	71.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	18						

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Celey D. Keine



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

Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

3-00	matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

IRDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Mante.	Electi Environmental & Safety Solutions, Inc.	tion	s, In	IC.		(3.5	N	M		RILLITO		1		l	l		l	l	l					
Project Manager:	Joel Lowry					0	P.O. #:	#	ı	h			1	1	1	AN	ANALYSIS		REQUEST	E	ř			
ess:	2617 West Marland						Company	nar	٤	Ftech	}-							_				_		
dob	State: NM	Zip	9: 88	Zip: 88240		Þ	Attn:		-	Joel Lown	D.											_		
	(5/5) 264-9884 Fax #:					A	Address:	ess																
Project #: 19397	Project Owner:		Pe	Permian Resources	гсе		City:		- 1													_		
Project Name: A	Airstream 603-605					_	afo.			7in.			VI)	B)										
Project Location:	GPS: (32.38642, -103.42057)					2 0	oldle:			ZID:		ide	151	021										
Sampler Name: Martin Sepulveda						7	Phone #:	e #				or	80	(80					_					
FOR LAB USE ONLY	ariii oepuiveda	1				F	Fax #:					Chl	H (8	EX (_			_		
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	SP4 @ 1'	G	-	×				×		1/22/24		×	×	×										
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rvice. In no event shall Cardinal fillates or successors arising out or common the common state of the com	rice. In no event shall Cardinal be liable for incloration are cuses writing and the deemed waived unless made in writing and received by Cardinal within 30 days after completion or of the applicable limited or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of which the successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above setant of respective for the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above setant of respective for the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above setant of respective for the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above setant of respective for the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above setant of respective for the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above setant of respective for the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above setant of the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above setant of the performance of services hereunder by Cardinal, regardless of white such as the performance of services hereunder by Cardinal with the performance of services hereunder by Cardinal without the performance of services hereunder by Cardinal	thout li	vaived mitatio gardle	unless made in writin n, business interrupt ess of whether such o	g and ons, lo daim is	receive ss of u	ed by se, or se, or	Cardin	nal wi	thin 30 days after c	ompletion of the ap nt, its subsidiaries,	pplicable												
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

ompany Name: Ffech Environmental & Sofation Laboratorials

company Name:	Etech Environmental & Safety Solutions, Inc.	utions, Inc.	BILL TO							
Project Manager:	Joel Lowry		P.O. #:		+		ANA	ANALYSIS	REQUEST	
ess:	2617 West Marland		NV	T-to-ch					_	
99	State: NM	Zip: 88240	Joel	MALA					_	
	(575) 264-9884 Fax #:		ess:	,						
ယ	Project Owner:	r: Permian Resources	_						_	_
Project Name: Ai	Airstream 603-605				M)	B)		_		_
Project Location:	GPS: (32.38642, -103.42057)		Phone #.	ride	15	021	-		_	_
Sampler Name: Ma	ortin Canulyada		Phone #:	or	80	(80	_	_	_	_
FOR LARLISE ONLY	arin Sepulveda		Fax #:	Chie	H (8	ΞX (_		_	_
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING		TP	ЗТЕ	_		_	_
Lab I.D.	Sample I.D.		ASE: OOL			E				
H24028p		# CONT	OTHER ACID/BA ICE / CO OTHER DATE	TIME						
	NH-1 @ 1'	G 1	X 1/22/24	×	×	×		-	-	-
Q	NI - 2 (8)	G 1	X 1/22/24	×	×	×				
				_	\top					
				7	\top	1				
LEASE NOTE: Liability and Damialyses. All claims including those	LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	claim arising whether based in contract or	tort, shall be limited to the amount paid	by the client for the		F				
filiates or successors arising out o	filiates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. The performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. The performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ithout limitation, business interruptions, loss dinal, regardless of whether such claim is t	s of use, or loss of profits incurred by cloased upon any of the above stated rea	r completion of the applicatient, its subsidiaries, asons or otherwise.	ole					
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February 13, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: AIRSTREAM 603-605

Enclosed are the results of analyses for samples received by the laboratory on 02/01/24 14:53.

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

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

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

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

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

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Reported:

13-Feb-24 15:48



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

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS NM, 88240

Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DEF - 1 @ 6"	H240494-01	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 2 @ 6"	H240494-02	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 3 @ 6"	H240494-03	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 4 @ 6"	H240494-04	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 5 @ 6"	H240494-05	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 6 @ 6"	H240494-06	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 7 @ 6"	H240494-07	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 8 @ 6"	H240494-08	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 1 @ 6'-R	H240494-09	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 2 @ 2'	H240494-10	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 3 @ 3'-R	H240494-11	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 4 @ 4'-R	H240494-12	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 5 @ 8'-R	H240494-13	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 6 @ 5'-R	H240494-14	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 7 @ 1.5'	H240494-15	Soil	31-Jan-24 00:00	01-Feb-24 14:53
DEF - 8 @ 1'	H240494-16	Soil	31-Jan-24 00:00	01-Feb-24 14:53
SP - 1 @ 2'-R	H240494-17	Soil	31-Jan-24 00:00	01-Feb-24 14:53
SP - 2 @ 3'-R	H240494-18	Soil	31-Jan-24 00:00	01-Feb-24 14:53
SP - 3 @ 2'-R	H240494-19	Soil	31-Jan-24 00:00	01-Feb-24 14:53
SP - 4 @ 10'-R	H240494-20	Soil	31-Jan-24 00:00	01-Feb-24 14:53
WH - 1 @ SURF	H240494-21	Soil	31-Jan-24 00:00	01-Feb-24 14:53
WH - 2 @ SURF	H240494-22	Soil	31-Jan-24 00:00	01-Feb-24 14:53
NH - 1 @ SURF	H240494-23	Soil	31-Jan-24 00:00	01-Feb-24 14:53
NH - 2 @ SURF	H240494-24	Soil	31-Jan-24 00:00	01-Feb-24 14:53
SH - 1 @ SURF	H240494-25	Soil	31-Jan-24 00:00	01-Feb-24 14:53
SH - 2b @ SURF	H240494-26	Soil	31-Jan-24 00:00	01-Feb-24 14:53
SH - 2b @ 1'	H240494-27	Soil	31-Jan-24 00:00	01-Feb-24 14:53

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety 2617 W MARLAND HOBBS NM, 88240	y Solutions	Project Number:	AIRSTREAM 603-605 19397 ROBBIE RUNNELS	Reported: 13-Feb-24 15:48
EH - 1 @ SURF	H240494-28	Soil	31-Jan-24 00:00	01-Feb-24 14:53
EH - 2b @ 1'	H240494-29	Soil	31-Jan-24 00:00	01-Feb-24 14:53
EH - 2b @ SURF	H240494-30	Soil	31-Jan-24 00:00	01-Feb-24 14:53

02/07/24 - Client changed the sample ID on -29 (see COC). This is the revised report and will replace the one sent on 02/06/24.

02/13/24 - Client changed the sample IDs on -26, -27, -29 and 30 (see COC). This is the 2nd revision of the report and will replace the one sent on 02/07/24.

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 1 @ 6" H240494-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	464		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								S-04
Benzene*	0.668		0.100	mg/kg	100	4020207	JН	03-Feb-24	8021B	
Toluene*	12.7		0.100	mg/kg	100	4020207	JH	03-Feb-24	8021B	
Ethylbenzene*	11.2		0.100	mg/kg	100	4020207	JH	03-Feb-24	8021B	
Total Xylenes*	31.4		0.300	mg/kg	100	4020207	JH	03-Feb-24	8021B	
Total BTEX	56.0		0.600	mg/kg	100	4020207	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID	"		178 %	71.5	-134	4020207	JH	03-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	620		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	9770		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	1810		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			116 %	48.2	-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			206 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 2 @ 6" H240494-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds I	oy EPA Method	8021								S-04
Benzene*	0.315		0.050	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Toluene*	6.32		0.050	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Ethylbenzene*	6.54		0.050	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Total Xylenes*	19.1		0.150	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Total BTEX	32.3		0.300	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		216 %	71.5	-134	4020207	ЈН	03-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	408		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	3260		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	582		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			138 %	48.2	-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 3 @ 6" H240494-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1150		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								S-04
Benzene*	0.269		0.050	mg/kg	50	4020207	JН	03-Feb-24	8021B	
Toluene*	3.72		0.050	mg/kg	50	4020207	JН	03-Feb-24	8021B	
Ethylbenzene*	3.08		0.050	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Total Xylenes*	9.71		0.150	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Total BTEX	16.8		0.300	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			174 %	71.5	-134	4020207	ЈН	03-Feb-24	8021B	
Petroleum Hydrocarbons by GO	C FID									S-06
GRO C6-C10*	384		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	18400		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	4310		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			129 %	48.2	-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			450 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 4 @ 6" H240494-04 (Soil)

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

		Cardina	l Laborato	ories					
Inorganic Compounds									
Chloride	112	16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method 8021								S-04
Benzene*	0.171	0.050	mg/kg	50	4020207	ЈН	03-Feb-24	8021B	
Toluene*	0.778	0.050	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Ethylbenzene*	1.90	0.050	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Total Xylenes*	7.53	0.150	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Total BTEX	10.4	0.300	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		213 %	71.5-	134	4020207	JH	03-Feb-24	8021B	
Petroleum Hydrocarbons by G	C FID								S-06
GRO C6-C10*	488	50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	27700	50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	5210	50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane		180 %	48.2-	134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane		598 %	49.1-	148	4020147	MS	02-Feb-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 5 @ 6" H240494-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Toluene*	0.415		0.050	mg/kg	50	4020207	JН	03-Feb-24	8021B	
Ethylbenzene*	0.562		0.050	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Total Xylenes*	1.78		0.150	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Total BTEX	2.76		0.300	mg/kg	50	4020207	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		121 %	71.5	i-134	4020207	ЛН	03-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	< 50.0		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	21700		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	5880		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			91.7 %	48.2	2-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			577 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 6 @ 6" H240494-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	912		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								S-04
Benzene*	< 0.500	·	0.500	mg/kg	500	4020207	JH	03-Feb-24	8021B	
Toluene*	17.7		0.500	mg/kg	500	4020207	JH	03-Feb-24	8021B	
Ethylbenzene*	19.0		0.500	mg/kg	500	4020207	JH	03-Feb-24	8021B	
Total Xylenes*	65.4		1.50	mg/kg	500	4020207	ЈН	03-Feb-24	8021B	
Total BTEX	102		3.00	mg/kg	500	4020207	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		144 %	71.5	-134	4020207	ЈН	03-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	1500		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	35500		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	6220		50.0	mg/kg	5	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			179 %	48.2	-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			751 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

10 1 05 21 10.1

DEF - 7 @ 6" H240494-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1280		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020207	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020207	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020207	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020207	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020207	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		4020207	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	10.9		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			95.5 %	48.2	-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			93.6 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 8 @ 6" H240494-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020207	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020207	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020207	JН	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020207	JН	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020207	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		102 %	71.5	-134	4020207	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	401		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	222		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			97.9 %	48.2	-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			105 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 1 @ 6'-R H240494-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1120		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								S-04
Benzene*	1.60		0.500	mg/kg	500	4020207	JH	03-Feb-24	8021B	
Toluene*	60.2		0.500	mg/kg	500	4020207	JН	03-Feb-24	8021B	
Ethylbenzene*	48.1		0.500	mg/kg	500	4020207	JH	03-Feb-24	8021B	
Total Xylenes*	130		1.50	mg/kg	500	4020207	JH	03-Feb-24	8021B	
Total BTEX	240		3.00	mg/kg	500	4020207	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		155 %	71.5	-134	4020207	ЈН	03-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	1980		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	5360		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	836		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			125 %	48.2	-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 2 @ 2' H240494-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	368		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								S-04
Benzene*	0.286		0.100	mg/kg	100	4020207	JH	03-Feb-24	8021B	
Toluene*	7.31		0.100	mg/kg	100	4020207	JН	03-Feb-24	8021B	
Ethylbenzene*	6.99		0.100	mg/kg	100	4020207	JH	03-Feb-24	8021B	
Total Xylenes*	21.0		0.300	mg/kg	100	4020207	JH	03-Feb-24	8021B	
Total BTEX	35.6		0.600	mg/kg	100	4020207	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		164 %	71.5	-134	4020207	ЈН	03-Feb-24	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	314		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
DRO >C10-C28*	3910		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	745		10.0	mg/kg	1	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			123 %	48.2	-134	4020147	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	4020147	MS	02-Feb-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 3 @ 3'-R H240494-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	<2.00		2.00	mg/kg	2000	4020209	JН	03-Feb-24	8021B	QM-07
Toluene*	43.5		2.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	QM-07
Ethylbenzene*	33.6		2.00	mg/kg	2000	4020209	JН	03-Feb-24	8021B	QM-07
Total Xylenes*	103		6.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	QM-07
Total BTEX	180		12.0	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	0)		107 %	71.5	-134	4020209	ЈН	03-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	2000		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
DRO >C10-C28*	5140		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
EXT DRO >C28-C36	783		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctane			123 %	48.2	-134	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	4020147	MS	03-Feb-24	8015B	

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 4 @ 4'-R H240494-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	0.881		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	0.956		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	3.71		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	5.55		0.300	mg/kg	50	4020209	JН	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		172 %	71.5	-134	4020209	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	126		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
DRO >C10-C28*	1650		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
EXT DRO >C28-C36	317		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctane			114 %	48.2	-134	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			107 %	49.1	-148	4020147	MS	03-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 5 @ 8'-R H240494-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds b	oy EPA Method	8021								
Benzene*	5.70		2.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Toluene*	121		2.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Ethylbenzene*	90.2		2.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Total Xylenes*	266		6.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Total BTEX	483		12.0	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		130 %	71.5	-134	4020209	JH	03-Feb-24	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	2110		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
DRO >C10-C28*	4820		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
EXT DRO >C28-C36	716		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctane			130 %	48.2	-134	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	4020147	MS	03-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 6 @ 5'-R H240494-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		90.1 %	71.5	-134	4020209	JH	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctane			96.9 %	48.2	-134	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			96.4 %	49.1	-148	4020147	MS	03-Feb-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 7 @ 1.5' H240494-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		116 %	71.5	-134	4020209	JH	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctane			91.9 %	48.2	-134	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			90.7 %	49.1	-148	4020147	MS	03-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

DEF - 8 @ 1' H240494-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	4020526	CT	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	0.090		0.050	mg/kg	50	4020209	JН	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	ЈН	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		104 %	71.5	-134	4020209	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
DRO >C10-C28*	182		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
EXT DRO >C28-C36	37.8		10.0	mg/kg	1	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctane			92.7 %	48.2	-134	4020147	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			92.6 %	49.1	-148	4020147	MS	03-Feb-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

SP - 1 @ 2'-R H240494-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	ЈН	02-Feb-24	8021B	
Toluene*	0.258		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	0.081		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JН	02-Feb-24	8021B	
Total BTEX	0.482		0.300	mg/kg	50	4020209	ЈН	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	")		108 %	71.5	5-134	4020209	JH	02-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	327		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	111		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			93.1 %	48.2	?-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			114 %	49.1	'-148	4020148	MS	02-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

SP - 2 @ 3'-R H240494-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	960		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	2.21		1.00	mg/kg	1000	4020209	JH	03-Feb-24	8021B	
Toluene*	31.8		1.00	mg/kg	1000	4020209	ЈН	03-Feb-24	8021B	
Ethylbenzene*	18.6		1.00	mg/kg	1000	4020209	ЈН	03-Feb-24	8021B	
Total Xylenes*	57.1		3.00	mg/kg	1000	4020209	JH	03-Feb-24	8021B	
Total BTEX	110		6.00	mg/kg	1000	4020209	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		113 %	71.5	-134	4020209	JH	03-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	592		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	2850		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	562		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			121 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

SP - 3 @ 2'-R

H240494-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								S-04
Benzene*	1.46		1.00	mg/kg	1000	4020209	JН	03-Feb-24	8021B	
Toluene*	46.6		1.00	mg/kg	1000	4020209	JH	03-Feb-24	8021B	
Ethylbenzene*	50.1		1.00	mg/kg	1000	4020209	JH	03-Feb-24	8021B	
Total Xylenes*	163		3.00	mg/kg	1000	4020209	JH	03-Feb-24	8021B	
Total BTEX	261		6.00	mg/kg	1000	4020209	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		142 %	71.5	-134	4020209	ЈН	03-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	1710		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	4870		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	882		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			180 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			123 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

SP-4 @ 10'-R H240494-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	17.1		2.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Toluene*	203		2.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Ethylbenzene*	106		2.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Total Xylenes*	306		6.00	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Total BTEX	632		12.0	mg/kg	2000	4020209	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		117 %	71.5	-134	4020209	JH	03-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									S-04
GRO C6-C10*	3120		10.0	mg/kg	1	4020148	MS	03-Feb-24	8015B	
DRO >C10-C28*	5920		10.0	mg/kg	1	4020148	MS	03-Feb-24	8015B	
EXT DRO >C28-C36	1070		10.0	mg/kg	1	4020148	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctane			213 %	48.2	-134	4020148	MS	03-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			134 %	49.1	-148	4020148	MS	03-Feb-24	8015B	

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

WH - 1 @ SURF H240494-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JН	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		105 %	71.5	-134	4020209	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			76.0 %	48.2-	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			81.1 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

WH - 2 @ SURF H240494-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		98.8 %	71.5	-134	4020209	JH	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			88.6 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			96.4 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

NH - 1 @ SURF H240494-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JН	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		111 %	71.5	5-134	4020209	JH	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			93.0 %	48.2	?-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			100 %	49.1	'-148	4020148	MS	02-Feb-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

NH - 2 @ SURF H240494-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		108 %	71.5	-134	4020209	JH	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			95.6 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

SH - 1 @ SURF H240494-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		106 %	71.5	-134	4020209	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	42.1		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			85.2 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			96.2 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

SH - 2b @ SURF H240494-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JН	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5	-134	4020209	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	19.2		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			83.7 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			92.3 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported:

13-Feb-24 15:48

SH - 2b @ 1' H240494-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JН	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	71.5	-134	4020209	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			92.3 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

EH - 1 @ SURF H240494-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	ЈН	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		94.9 %	71.5	-134	4020209	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			91.5 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

EH - 2b @ 1' H240494-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	ЈН	02-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	02-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		106 %	71.5	-134	4020209	ЈН	02-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			93.0 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			100 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

EH - 2b @ SURF H240494-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4020518	AC	05-Feb-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4020209	JH	03-Feb-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4020209	JH	03-Feb-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4020209	JH	03-Feb-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4020209	JH	03-Feb-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4020209	JH	03-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		108 %	71.5	-134	4020209	JH	03-Feb-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctane			78.3 %	48.2	-134	4020148	MS	02-Feb-24	8015B	
Surrogate: 1-Chlorooctadecane			85.8 %	49.1	-148	4020148	MS	02-Feb-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020518 - 1:4 DI Water										
Blank (4020518-BLK1)				Prepared &	z Analyzed:	05-Feb-24				
Chloride	ND	16.0	mg/kg							
LCS (4020518-BS1)				Prepared &	Analyzed:	05-Feb-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4020518-BSD1)				Prepared &	Analyzed:	05-Feb-24				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 4020526 - 1:4 DI Water										
Blank (4020526-BLK1)				Prepared &	z Analyzed:	05-Feb-24				
Chloride	ND	16.0	mg/kg							
LCS (4020526-BS1)				Prepared &	Analyzed:	05-Feb-24				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (4020526-BSD1)				Prepared &	Analyzed:	05-Feb-24				
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4020207 - Volatiles										

Blank (4020207-BLK1)				Prepared & Ana	lyzed: 02-Feb-24				
Benzene	ND	0.050	mg/kg						
Toluene	ND	0.050	mg/kg						
Ethylbenzene	ND	0.050	mg/kg						
Total Xylenes	ND	0.150	mg/kg						
Total BTEX	ND	0.300	mg/kg						
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500	103	71.5-134			
LCS (4020207-BS1)				Prepared & Ana	lyzed: 02-Feb-24				
Benzene	2.21	0.050	mg/kg	2.00	110	82.8-130			
Toluene	2.21	0.050	mg/kg	2.00	111	86-128			
Ethylbenzene	2.21	0.050	mg/kg	2.00	110	85.9-128			
m,p-Xylene	4.46	0.100	mg/kg	4.00	112	89-129			
o-Xylene	2.19	0.050	mg/kg	2.00	109	86.1-125			
Total Xylenes	6.65	0.150	mg/kg	6.00	111	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500	103	71.5-134			
LCS Dup (4020207-BSD1)				Prepared & Ana	lyzed: 02-Feb-24				
Benzene	1.98	0.050	mg/kg	2.00	98.8	82.8-130	11.1	15.8	
Toluene	1.98	0.050	mg/kg	2.00	99.0	86-128	11.1	15.9	
Ethylbenzene	1.97	0.050	mg/kg	2.00	98.4	85.9-128	11.5	16	
m,p-Xylene	4.04	0.100	mg/kg	4.00	101	89-129	9.94	16.2	
o-Xylene	1.95	0.050	mg/kg	2.00	97.4	86.1-125	11.4	16.7	
Total Xylenes	5.99	0.150	mg/kg	6.00	99.8	88.2-128	10.4	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500	103	71.5-134			

Batch 4020209 - Volatiles

Blank (4020209-BLK1)			Prepared & Analyzed: 02-Feb-24
Benzene	ND	0.050	mg/kg
Toluene	ND	0.050	mg/kg
Ethylbenzene	ND	0.050	mg/kg
Total Xylenes	ND	0.150	mg/kg

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Spike

0.0500

Source

103

71.5-134

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

0.0513

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4020209 - Volatiles										
Blank (4020209-BLK1)				Prepared &	Analyzed:	02-Feb-24				
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0511		mg/kg	0.0500		102	71.5-134			
LCS (4020209-BS1)				Prepared &	Analyzed:	02-Feb-24				
Benzene	2.19	0.050	mg/kg	2.00		109	82.8-130			
Toluene	2.15	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.27	0.050	mg/kg	2.00		113	85.9-128			
n,p-Xylene	4.44	0.100	mg/kg	4.00		111	89-129			
o-Xylene	2.24	0.050	mg/kg	2.00		112	86.1-125			
Total Xylenes	6.68	0.150	mg/kg	6.00		111	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0531		mg/kg	0.0500		106	71.5-134			
LCS Dup (4020209-BSD1)				Prepared &	Analyzed:	02-Feb-24				
Benzene	2.10	0.050	mg/kg	2.00		105	82.8-130	4.08	15.8	
Toluene	2.05	0.050	mg/kg	2.00		102	86-128	4.97	15.9	
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	85.9-128	5.71	16	
n,p-Xylene	4.20	0.100	mg/kg	4.00		105	89-129	5.64	16.2	
-Xylene	2.11	0.050	mg/kg	2.00		105	86.1-125	5.98	16.7	
Total Xylenes	6.31	0.150	mg/kg	6.00		105	88.2-128	5.75	16.3	

mg/kg

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Surrogate: 4-Bromofluorobenzene (PID)



%REC

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Spike

Source

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		responding		-F	Source		, orthogo		141 25	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4020147 - General Prep - Organics										
Blank (4020147-BLK1)				Prepared: (01-Feb-24 A	Analyzed: 0	2-Feb-24			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.8		mg/kg	50.0		99.7	48.2-134			
Surrogate: 1-Chlorooctadecane	48.6		mg/kg	50.0		97.1	49.1-148			
LCS (4020147-BS1)				Prepared: (01-Feb-24 A	Analyzed: 0	2-Feb-24			
GRO C6-C10	219	10.0	mg/kg	200		110	66.4-123			
DRO >C10-C28	230	10.0	mg/kg	200		115	66.5-118			
Total TPH C6-C28	449	10.0	mg/kg	400		112	77.6-123			
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	48.2-134			
Surrogate: 1-Chlorooctadecane	48.9		mg/kg	50.0		97.8	49.1-148			
LCS Dup (4020147-BSD1)				Prepared: (01-Feb-24 A	Analyzed: 0	2-Feb-24			
GRO C6-C10	212	10.0	mg/kg	200		106	66.4-123	3.59	17.7	
DRO >C10-C28	220	10.0	mg/kg	200		110	66.5-118	4.60	21	
Total TPH C6-C28	431	10.0	mg/kg	400		108	77.6-123	4.11	18.5	
Surrogate: 1-Chlorooctane	50.6		mg/kg	50.0		101	48.2-134			
Surrogate: 1-Chlorooctadecane	48.9		mg/kg	50.0		97.8	49.1-148			
Batch 4020148 - General Prep - Organics										
Blank (4020148-BLK1)				Prepared: (01-Feb-24 <i>A</i>	Analyzed: 0	2-Feb-24			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							

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mg/kg

mg/kg

mg/kg

50.0

50.0

85.9

97.1

48.2-134

49.1-148

ND

42.9

48.5

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EXT DRO >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane



%REC

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: AIRSTREAM 603-605

Spike

Source

Project Number: 19397

Project Manager: ROBBIE RUNNELS

Fax To:

Reported: 13-Feb-24 15:48

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Prepared: 01-Feb-24 Analyzed: 02-Feb-24											
Comparison of	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
GRO C6-C10 185 10.0 mg/kg 200 92.6 66.4-123 DRO >C10-C28 182 10.0 mg/kg 200 91.0 66.5-118 Total TPH C6-C28 367 10.0 mg/kg 400 91.8 77.6-123 Surrogate: 1-Chlorooctane 43.6 mg/kg 50.0 87.3 48.2-134 Surrogate: 1-Chlorooctadecane 49.6 mg/kg 50.0 99.3 49.1-148 LCS Dup (4020148-BSD1) Prepared: 01-Feb-24 Analyzed: 02-Feb-24 GRO C6-C10 178 100 mg/kg 200 89.2 66.4-123 3.75 17.7 DRO >C10-C28 194 10.0 mg/kg 200 97.0 66.5-118 6.41 21 Total TPH C6-C28 372 10.0 mg/kg 400 93.1 77.6-123 1.41 18.5 Surrogate: 1-Chlorooctane 44.8 mg/kg 50.0 89.5 48.2-134	Batch 4020148 - General Prep - Organics										
DRO >C10-C28	LCS (4020148-BS1)				Prepared: (01-Feb-24 A	Analyzed: 0	2-Feb-24			
Total TPH C6-C28 367 10.0 mg/kg 400 91.8 77.6-123	GRO C6-C10	185	10.0	mg/kg	200		92.6	66.4-123			
Surrogate: I-Chlorooctane 43.6 mg/kg 50.0 87.3 48.2-134 Surrogate: I-Chlorooctadecane 49.6 mg/kg 50.0 99.3 49.1-148 LCS Dup (4020148-BSD1) Prepared: 01-Feb-24 Analyzed: 02-Feb-24 GRO C6-C10 178 10.0 mg/kg 200 89.2 66.4-123 3.75 17.7 DRO >C10-C28 194 10.0 mg/kg 200 97.0 66.5-118 6.41 21 Total TPH C6-C28 372 10.0 mg/kg 400 93.1 77.6-123 1.41 18.5 Surrogate: I-Chlorooctane 44.8 mg/kg 50.0 89.5 48.2-134	DRO >C10-C28	182	10.0	mg/kg	200		91.0	66.5-118			
Surrogate: 1-Chlorooctadecane 49.6 mg/kg 50.0 99.3 49.1-148 LCS Dup (4020148-BSD1) Prepared: 01-Feb-24 Analyzed: 02-Feb-24 GRO C6-C10 178 10.0 mg/kg 200 89.2 66.4-123 3.75 17.7 DRO >C10-C28 194 10.0 mg/kg 200 97.0 66.5-118 6.41 21 Total TPH C6-C28 372 10.0 mg/kg 400 93.1 77.6-123 1.41 18.5 Surrogate: 1-Chlorooctane 44.8 mg/kg 50.0 89.5 48.2-134	Total TPH C6-C28	367	10.0	mg/kg	400		91.8	77.6-123			
LCS Dup (4020148-BSD1) Prepared: 01-Feb-24 Analyzed: 02-Feb-24 GRO C6-C10 178 10.0 mg/kg 200 89.2 66.4-123 3.75 17.7 DRO >C10-C28 194 10.0 mg/kg 200 97.0 66.5-118 6.41 21 Total TPH C6-C28 372 10.0 mg/kg 400 93.1 77.6-123 1.41 18.5 Surrogate: I-Chlorooctane 44.8 mg/kg 50.0 89.5 48.2-134	Surrogate: 1-Chlorooctane	43.6		mg/kg	50.0		87.3	48.2-134			
GRO C6-C10 178 10.0 mg/kg 200 89.2 66.4-123 3.75 17.7 DRO >C10-C28 194 10.0 mg/kg 200 97.0 66.5-118 6.41 21 Total TPH C6-C28 372 10.0 mg/kg 400 93.1 77.6-123 1.41 18.5 Surrogate: 1-Chlorooctane 44.8 mg/kg 50.0 89.5 48.2-134	Surrogate: 1-Chlorooctadecane	49.6		mg/kg	50.0		99.3	49.1-148			
DRO >C10-C28 194 10.0 mg/kg 200 97.0 66.5-118 6.41 21 Total TPH C6-C28 372 10.0 mg/kg 400 93.1 77.6-123 1.41 18.5 Surrogate: I-Chlorooctane 44.8 mg/kg 50.0 89.5 48.2-134	LCS Dup (4020148-BSD1)				Prepared: (01-Feb-24 A	analyzed: 0	2-Feb-24			
Total TPH C6-C28 372 10.0 mg/kg 400 93.1 77.6-123 1.41 18.5 Surrogate: 1-Chlorooctane 44.8 mg/kg 50.0 89.5 48.2-134	GRO C6-C10	178	10.0	mg/kg	200		89.2	66.4-123	3.75	17.7	
Surrogate: 1-Chlorooctane 44.8 mg/kg 50.0 89.5 48.2-134	DRO >C10-C28	194	10.0	mg/kg	200		97.0	66.5-118	6.41	21	
	Total TPH C6-C28	372	10.0	mg/kg	400		93.1	77.6-123	1.41	18.5	
Surrogate: 1-Chlorooctadecane 46.6 mg/kg 50.0 93.3 49.1-148	Surrogate: 1-Chlorooctane	44.8		mg/kg	50.0		89.5	48.2-134			
	Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0		93.3	49.1-148			

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Notes and Definitions

The control of this company is a heider and all limite days to consider the first control of the
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476 Etech Environmental & Safety

FORM-006 Revision 1.0	(Circle One) Bus - Other:	Relinquished By: 1 Time:	affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinquisped By: Date Date Received By:	A 1/31/24 X Notes: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. In no secret shall for the client for the service.	/V DEF-2 @ 2'	9 DEF-1 @ 6'-R	DEF-8	7 DEF-7 @ 6"	6 DEF-6 @ 6"	7 DEF-5 @ 6"	DEF-4	3 DEF-3 @ 6"	∑ DEF-2 @ 6"	DEF-1 @ 6"		FOR LAB USE ONLY	Sampler Name: Aaron Rios	Project Location: GPS: (32.38642, -103.42057)	Project Name: Airstream 603-605	397	Phone #: (575) 264-9884 Fa	City: Hobbs St	Address: 2617 West Marland	Project Manager: Robbie Runnels
Ď.	Sample Condition Cool Intact Cool Intact Cool Intact No No No	:53	mages, including without limitation, business interruptions, loss hereunder by Cardinal, regardless of whether such claim is by Received By:	we remedy for any claim arising whether based in contract o	G 1	<u> </u>					<u> </u>	<u>.</u>	<u> </u>	1 ×	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE			12057)		Project Owner: Permian Resources		State: NM Zin: 88240		
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Revision 1.0	Sircle One) 3us - Other:	\$ E		analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valued unloce months or tort, shall be limited to the amount paid by the client for the service. In no severe shall no severe shall be deemed valued unloce months or tort, shall be limited to the amount paid by the client for the	@ 10'-R G 1 X	× >	< >	< >	a ()	× ×	× >	× ,	G 1 X X 1/21/24 X	G 1 X 1/31/34	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME	Fax #:	Phone #:	5M	City:	t Owner: Permian Bassurass	(575) 264-9884 Fax #: Attn: Robbie Runnels	Hobbs State: NM Zin: 88240 Company Etech	2617 West Marland	- Comminger: Robble Runnels
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ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006 Revision 1.0	i (0	Delivered By: (Circle One)	Time	Relinquished By:	Will have	Relinquished By: Date	affiliates or successors arising out of or related to the neutromanne of a successors arising out of or related to the neutromanne of a successors arising out of or related to the neutromanne of a successors arising out of or related to the neutromanne of a successors arising out of or related to the neutromanne of a successors arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor arising out of or related to the neutromanne of a successor and a successor arising out of or related to the neutromanne of a successor and a successor and a successor arising out of or related to the neutromanne of a successor and a su	analyses. All claims including those for negligence and any other cause whatsoever shall be senioned to be considered to the control of the c		* 30 EH-201	08 EH-1 @ Surf	87 SH-27@ 1"	Olo SH-20 Surf	36 SH-1 @ Surf	NH-2 @ Surf	NH-1 @ Surf	00 WH-2 @ Surf		7	FOR LAB USE ONLY	Sampler Name: Aaron Rios	Project Location: GPS: (32.38642, -103.42057)	Project Name: Airstream 603-605	Project #: 19397	(575) 264-9884	City: Hobbs	Address: 2617 West Marland	Project Manager: Robbie Runnels	100	
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March 19, 2024

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: AIRSTREAM 603-605

Enclosed are the results of analyses for samples received by the laboratory on 03/14/24 15:05.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 03/14/2024 Sampling Date: 03/13/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Project Number: 19397 - PERMIAN RESOURCES Sample Received By: Dionica Hinojos

Project Location: GPS: (32.38642, -103.42057)

Sample ID: SP 1 @ 3' (H241337-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.28	114	2.00	0.634	
Toluene*	<0.050	0.050	03/15/2024	ND	2.23	112	2.00	0.509	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.21	110	2.00	0.796	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.44	107	6.00	0.916	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	201	100	200	1.49	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	208	104	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

C-04



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

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 03/14/2024 Sampling Date: 03/13/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Project Number: 19397 - PERMIAN RESOURCES Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: GPS: (32.38642, -103.42057)

Sample ID: DEF 1 @ 12' (H241337-02)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.22	0.500	03/15/2024	ND	2.28	114	2.00	0.634	
Toluene*	46.5	0.500	03/15/2024	ND	2.23	112	2.00	0.509	
Ethylbenzene*	38.3	0.500	03/15/2024	ND	2.21	110	2.00	0.796	
Total Xylenes*	119	1.50	03/15/2024	ND	6.44	107	6.00	0.916	
Total BTEX	206	3.00	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	148	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: ms						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2540	50.0	03/16/2024	ND	231	115	200	8.20	QM-07
DRO >C10-C28*	7230	50.0	03/16/2024	ND	206	103	200	6.67	QM-07
EXT DRO >C28-C36	858	50.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	240	% 48.2-13	4						
Surragate: 1-Chlorooctadecane	155	% 49 1-14	18						

Surrogate: 1-Chlorooctadecane 155 % 49.1-148

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 03/14/2024 Sampling Date: 03/13/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Project Number: Sample Received By: 19397 - PERMIAN RESOURCES Dionica Hinojos

Project Location: GPS: (32.38642, -103.42057)

Sample ID: DEF 3 @ 12' (H241337-03)

BTEX 8021B	mg/kg		Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.17	0.500	03/15/2024	ND	2.28	114	2.00	0.634	
Toluene*	50.5	0.500	03/15/2024	ND	2.23	112	2.00	0.509	
Ethylbenzene*	36.0	0.500	03/15/2024	ND	2.21	110	2.00	0.796	
Total Xylenes*	110	1.50	03/15/2024	ND	6.44	107	6.00	0.916	
Total BTEX	200	3.00	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	143	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: ms						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2590	50.0	03/16/2024	ND	231	115	200	8.20	
DRO >C10-C28*	7160	50.0	03/16/2024	ND	206	103	200	6.67	
EXT DRO >C28-C36	914	50.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	237	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	154	% 49 1-14	8						

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Celey D. Keine



Sample Received By:

03/13/2024

Dionica Hinojos

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

03/14/2024 Sampling Date: 03/19/2024 Sampling Type:

Reported: 03/19/2024 Sampling Type: Soil
Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact

Project Location: GPS: (32.38642, -103.42057)

19397 - PERMIAN RESOURCES

Sample ID: DEF 4 @ 5' (H241337-04)

Received:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.18	109	2.00	2.49	
Toluene*	0.152	0.050	03/15/2024	ND	2.16	108	2.00	2.93	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.08	104	2.00	3.31	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.23	104	6.00	3.27	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	231	115	200	8.20	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	206	103	200	6.67	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 03/14/2024 Sampling Date: 03/13/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 - PERMIAN RESOURCES Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: GPS: (32.38642, -103.42057)

Sample ID: DEF 5 @ 9' (H241337-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.18	109	2.00	2.49	
Toluene*	<0.050	0.050	03/15/2024	ND	2.16	108	2.00	2.93	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.08	104	2.00	3.31	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.23	104	6.00	3.27	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	231	115	200	8.20	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	206	103	200	6.67	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 03/14/2024 Sampling Date: 03/13/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Project Number: 19397 - PERMIAN RESOURCES Sample Received By: Dionica Hinojos

Project Location: GPS: (32.38642, -103.42057)

Sample ID: DEF 8 @ 2' (H241337-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.18	109	2.00	2.49	
Toluene*	<0.050	0.050	03/15/2024	ND	2.16	108	2.00	2.93	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.08	104	2.00	3.31	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.23	104	6.00	3.27	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	231	115	200	8.20	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	206	103	200	6.67	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-06	5	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	ł	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-	07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND		Analyte NOT DETECTED at or above the reporting limit
RPD	1	Relative Percent Difference
**		Samples not received at proper temperature of 6°C or below.
***		Insufficient time to reach temperature.
-		Chloride by SM4500Cl-B does not require samples be received at or below 6°C
		Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

-2476	to 575-393-2476		written chai	Cardinal cannot accept verbal changes. Please fax written changes	al chang	ccept verk	annot a	nal ca	† Card	1.0	FORM-006 Revision 1.0
				(Initials)	-	Cool Intact Yes Yes		140	#1	- Bus - Other:	Sampler - UPS
Please email copy of COC and results to pm@etechenv.com.	of COC	il copy	lease ema	CHECKED BY:	3	Sample Condition	Sam	4.6	2	(Circle One)	Delivered By: (Circle One)
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			ons or otherwise.	any of the above stated reasons	based upon a	ether such claim is	rdless of who	inal, rega	nce of services hereunder by Card	inquished 8v: Date: Provided By: Provided By	affiliates or successors arising Relinquished By
		plicable	completion of the ap	ardinal within 30 days after	received by Ca	ade in writing and	ed unless m	med waiv	ner cause whatsoever shall be deen	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable rervice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation business there will be a few or the consequental damages.	rvice. In no event shall Ca
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			d				ATER				1331
	_	_	NG	PRESERV SAMPLING	PRE	MATRIX		\dashv			FOR LAB USE ONLY
					Fax #:					Sampler Name: Martin Sepulveda	Sampler Name
	802	orid 8015			Phone #:				2, -103.42057)	on: GPS: (32.38642, -103.42057)	Project Location:
				Zip:	State:					Airstream 603-605	Project Name:
					_	Permian Resources	ermian		Project Owner:	19397	Project #: 19
					Address:				Fax #:	(575) 264-9884	Phone #: (5)
			Floyd	~	Attn:		8240	Zip: 88240	State: NM		City: Hobbs
			Pool	nv Permian Pescursos	Company					2617 West Marland	Address: 26
ANALISIS REQUEST					P.O. #:						Project Manager:
				BILL TO			nc.	ons, I	Etech Environmental & Safety Solutions, Inc.		Company Name:



July 22, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: AIRSTREAM 603-605

Enclosed are the results of analyses for samples received by the laboratory on 07/17/24 8:25.

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

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/17/2024 Sampling Date: 07/16/2024

Reported: 07/22/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES (32.38642,-103.4)

Sample ID: BH @ 20' (H244258-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2024	ND	2.00	100	2.00	0.282	
Toluene*	<0.050	0.050	07/17/2024	ND	1.98	98.9	2.00	0.625	
Ethylbenzene*	<0.050	0.050	07/17/2024	ND	1.98	99.1	2.00	0.923	
Total Xylenes*	<0.150	0.150	07/17/2024	ND	5.82	97.0	6.00	1.21	
Total BTEX	<0.300	0.300	07/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/17/2024	ND	480	120	400	6.90	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	191	95.3	200	0.589	
DRO >C10-C28*	95.1	10.0	07/17/2024	ND	193	96.5	200	0.820	
EXT DRO >C28-C36	23.0	10.0	07/17/2024	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/17/2024 Sampling Date: 07/16/2024

Reported: 07/22/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES (32.38642,-103.4.

ma/ka

Sample ID: BH @ 24' (H244258-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2024	ND	2.00	100	2.00	0.282	
Toluene*	<0.050	0.050	07/17/2024	ND	1.98	98.9	2.00	0.625	
Ethylbenzene*	<0.050	0.050	07/17/2024	ND	1.98	99.1	2.00	0.923	
Total Xylenes*	<0.150	0.150	07/17/2024	ND	5.82	97.0	6.00	1.21	
Total BTEX	<0.300	0.300	07/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	191	95.3	200	0.589	
DRO >C10-C28*	61.0	10.0	07/17/2024	ND	193	96.5	200	0.820	
EXT DRO >C28-C36	12.9	10.0	07/17/2024	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/17/2024 Sampling Date: 07/16/2024

Reported: 07/22/2024 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES (32.38642,-103.4.

ma/ka

Sample ID: BH @ 28' (H244258-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2024	ND	2.00	100	2.00	0.282	
Toluene*	<0.050	0.050	07/17/2024	ND	1.98	98.9	2.00	0.625	
Ethylbenzene*	<0.050	0.050	07/17/2024	ND	1.98	99.1	2.00	0.923	
Total Xylenes*	<0.150	0.150	07/17/2024	ND	5.82	97.0	6.00	1.21	
Total BTEX	<0.300	0.300	07/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	191	95.3	200	0.589	
DRO >C10-C28*	64.8	10.0	07/17/2024	ND	193	96.5	200	0.820	
EXT DRO >C28-C36	13.6	10.0	07/17/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Revision 1.0

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions Inc.	lutions Inc	8		l		Page 1 of 1
	mucho, mc.	BILL 10		+		ANALYSIS REQUEST
8						
City: Hobbs State: NM	Zip: 88240	Attn: Montgomery Floyd	Flovd			
	8	ess:				
Project #: 19397 Project Owner:	Permian Resources	City:				
Project Name: Airstream 603-605		State: Zin:	9			
Project Location: 32.38642, -103.42057		#	ride	015	8021	
Sampler Name: Robbie Runnels		Fax #:	Chic		_	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING				
	RS TER					
Lab I.D. Sample I.D.	IDGE	HER: D/BASE: / COOL •				
DL @ SQL	# G W SC OI	A(TIME	H		
_		X 7/16/24	×	×	×	
0 BH @ 24:	G 1	X 7/16/24	×	×	×	
BH @ 28	G 1	X 7/16/24	×	×	×	
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g those for negligence and any other or rdinal be liable for incidental or conse	In a excusive temery for any claim arising whether based in contract or tort, shall be limited to rause whatscoever shall be deemed waived unless made in writing and received by Cardinal will quental damages, including without limitation, business interruptions, loss of use, or loss of pro- of services hereunder by Cardinal, regardless of whether such claim is based more any of the.	tort, shall be limited to the amount paid sceived by Cardinal within 30 days after s of use, or loss of profits incurred by clossed upon any of the oboug stated and based upon any of the oboug stated and the company of the oboug stated and the company of the oboug stated and the company of the oboug stated and the oboug stated and the obought of the	by the client for the completion of the application, its subsidiaries,	able		
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Time:		\	2			
Delivered By: (Circle One)	1=	CHECKED BY:	Please email o	copy	of COC	Please email copy of COC and results to pm@etechenv.com.
Sampler - UPS - Bus - Other:	☐ Yes ☐ Yes	(initials)				
FORM-006 + Ca	Cardinal cannot accept verbal changes. Please fax written changes	al changes. Please fax	written change		to 575-393-2476	2476

Page 6 of 6



January 09, 2025

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: AIRSTREAM 603-605

Enclosed are the results of analyses for samples received by the laboratory on 01/03/25 8:42.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: FL 4 @ 20' (H250011-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: FL 5 @ 15' (H250011-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	101 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: PERMIAN (32.38642,-103.42057)

mg/kg

Sample ID: FL 6 @ 15' (H250011-03)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: PERMIAN (32.38642,-103.42057)

mg/kg

Sample ID: FL 7 @ 4' (H250011-04)

BTEX 8021B

	<u> </u>	<u> </u>		• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: PERMIAN (32.38642,-103.42057)

mg/kg

Sample ID: FL 8 @ 5' (H250011-05)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene

Cardinal Laboratories

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: NW 8 @ 0-4' (H250011-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	112 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: NW 9 @ 4-8' (H250011-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: NW 10 @ 8-12' (H250011-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	< 0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

01/03/2025 Sampling Date: 01/09/2025

Applyzod By: 14

Sampling Type: Soil

Project Name:

Received:

Reported:

RTFY 8021R

AIRSTREAM 603-605

Sampling Condition: Cool & Intact

Project Number: 19397 Sample Received By:

Alyssa Parras

01/02/2025

Project Location:

PERMIAN (32.38642,-103.42057)

Sample ID: NW 11 @ 12-16' (H250011-09)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 01/03/2025

Sampling Date:

01/02/2025

Reported:

01/09/2025

Sampling Type:

Soil

Project Name:

AIRSTREAM 603-605

Sampling Condition: Sample Received By: Cool & Intact Alyssa Parras

Project Number: Project Location: 19397

PERMIAN (32.38642,-103.42057)

Sample ID: NW 12 @ 16-20' (H250011-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	< 0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: PERMIAN (32.38642,-103.42057)

mg/kg

Sample ID: NW 13 (H250011-11)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Project Number: Sample Received By: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: EW 1 @ 0-4' (H250011-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: EW 2 @ 4-8' (H250011-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: PERMIAN (32.38642,-103.42057)

ma/ka

Sample ID: WW 1 (H250011-14)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050 0.050	Analyzed 01/03/2025 01/03/2025	Method Blank ND ND	BS 1.75	% Recovery 87.6	True Value QC	RPD	Qualifier
<0.050 <0.050	0.050			1.75	87.6	2.00	6 56	
<0.050		01/03/2025	ND				6.56	
	0.050		ND	1.84	91.8	2.00	6.38	
< 0.150		01/03/2025	ND	1.77	88.6	2.00	5.93	
	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
<0.300	0.300	01/03/2025	ND					
93.4	% 71.5-13	4						
mg,	'kg	Analyze	d By: KV					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	01/03/2025	ND	448	112	400	3.64	
mg,	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
<10.0	10.0	01/03/2025	ND					
114 9	% 48.2-13	4						
104	% 49.1-14	8						
	<0.300 93.4 mg/ Result <16.0 mg/ Result <10.0 <10.0 <10.0	<0.300 93.4 % 71.5-13 mg/ky Result Reporting Limit <16.0 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.300 0.300 01/03/2025 93.4 % 71.5-134 mg/ky Analyzed Result Reporting Limit Analyzed Result Reporting Limit Analyzed Analyzed <10.0	40.300 0.300 01/03/2025 ND 93.4 % 71.5-134 mg/kg Analyzed By: KV Result Reporting Limit 16.0 01/03/2025 ND Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	<0.300 01/03/2025 ND 93.4 % 71.5-134 mg/ky Analyzed By: KV Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	< 0.300 01/03/2025 ND 93.4 % 71.5-134 mg/ky Analyzed By: KV Result Reporting Limit Analyzed By: MS % Recovery Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	< 0.300 01/03/2025 ND 93.4 % 71.5-134 mg/kg Analyzed By: KV Result Reporting Limit Analyzed Method Blank BS % Recovery Mecovery True Value QC <16.0 16.0 01/03/2025 ND	< 0.300 01/03/2025 ND 93.4 % 71.5-134 mg/kg Analyzed By: KV Result Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Result Reporting Limit Analyzed Method Blank BS Recovery Recovery RPD Result Reporting Limit Analyzed ND 212 106 200 1.40 210.0 10.0 01/03/2025 ND 193 96.4 200 1.35 210.0 10.0 01/03/2025 ND ND Recovery RPD Recovery RP

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: PERMIAN (32.38642,-103.42057)

mg/kg

Sample ID: WW 2 (H250011-15)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/09/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: PERMIAN (32.38642,-103.42057)

mg/kg

Sample ID: WW 3 (H250011-16)

BTEX 8021B

DILX GOZID	mg/ kg		Analyzed by: 511						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.75	87.6	2.00	6.56	
Toluene*	<0.050	0.050	01/03/2025	ND	1.84	91.8	2.00	6.38	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	1.77	88.6	2.00	5.93	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	5.16	86.1	6.00	6.17	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2025	ND	212	106	200	1.40	
DRO >C10-C28*	<10.0	10.0	01/03/2025	ND	193	96.4	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	01/03/2025	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.2	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Refinduished By:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp. °C-Q.& Corrected Temp. C 10 4

Time:

FORM-006 R 3.5 08/05/24

Relinquis ned B

Date: 1-3-3-5

Time: SU 9

Received By:

REMARKS:

200

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NW 12 @ 16-20' NW 11 @ 12-16' NW 10 @ 8-12' NW 9 @ 4-8' NW 8 @ 0-4' C 200

FL 8 @ 5' FL 7 @ 4' FL 6 @ 15

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1/2/25

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1/2/25 1/2/25

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2	aboratories	CHAIN	N-O	F-C	JSTO	-OF-CUSTODY AND ANALYSIS REQUES	ANA	YSIS	REQU	ES	of 20
2	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476							18 y	Paç	Page 1 of 2	<u>l</u> age 19
Company Name:	Etech Environmental & Safety Solutions, Inc.	BILL TO				ANALYSIS		REQUEST			1 Pa
Project Manager:	Joel Lowry	P.O. #:								18	
Address: 2617	2617 West Marland	Company: Permian Resources									
City: Hobbs	State: NM Zip: 88240	Attn: Montgomery Floyd						,		,	
Phone #: (575)	(575) 264-9884 Fax #:	Address:									
Project #: 19397	Project Owner: Permian Resources	es City:		M)	B)						
Project Name: A	Airstream 603-605	State: Zip:	ide	15	021						
Project Location:	32.38642, -103.42057	Phone #:	lor	(80	8) ک						
Sampler Name:	Addison Elston		Ch	ΡН	E						
FOR LAB USE ONLY	P. MATRIX	X PRESERV. SAMPLING		TF	вт						
Lab I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE						u u			
- F		X 1/2/25	×	×	×						
5	FL 5 @ 15' C 1 X	X 1/2/25	×	×	×						

service. In no event shall Cardinal be liable for incide analyses. All claims including those for negligence and any other cause tal damages, including without limitation, business inte whatsoever shall be dee made in writing and received by Cardinal within 30 days after completion of the app ons, loss of use, or loss of profits inc red by client, its subsidiaries,

Received By:

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1/2/25

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× × \times × × × \times

×

1/2/25 1/2/25 1/2/25

1/2/25

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Thermometer ID #140 Correction Factor -0.6°C Bacteria (only) Sample Condition
Cool Intact Observed Temp
Yes Yes
No No Corrected Temp

CHECKED BY:

Turnaround Time:

Standard Rush

Observed Temp. Corrected Temp.

റ്

(Initials)

om@etechenv.com

Refinguished By:

Relinquished By

Date: 1-8-95

Received By:

All Results are emailed. Please provide Email address:

Verbal Result:

□ Yes

☐ No Add'I Phone #:

pm@etechenv.com

intal damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries

Time: 843

Received By:

REMARKS:

service. In no event shall Cardinal be liable analyses. All claims including those for negligence and any

aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240	240 476				Page 2 of 2
	176				2
(575) 393-2326 FAX (575) 393-2476	410				1
Company Name: Etech Environmental & Safety Solutions, Inc.	tions, Inc.	BILL TO			ANALYSIS REQUEST
Project Manager: Joel Lowry		P.O. #:			
Address: 2617 West Marland		Company: Permian Resources			
City: Hobbs State: NM	Zip: 88240	Attn: Montgomery Floyd			
Phone #: (575) 264-9884		Address:			
Project #: 19397 Project Owner:	r: Permian Resources	City:			
Project Name: Airstream 603-605		State: Zip:	_		
Project Location: 32.38642, -103.42057		Phone #:	lori	(80	
Sampler Name: Addison Elston		Fax #:			
FOR LAB USE ONLY		PRESERV. SAMPLING		ВТ	
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE			
NW 13		X 1/2/25	×	×	
EW 1 @ 0-4'	C 1 ×	X 1/2/25	×	×	
3 EW 2 @ 4-8'	C 1 ×	X 1/2/25	×	×	
)4 WW 1	C 1 ×	X 1/2/25	×	×	
S WW 2	C 1 ×	X 1/2/25	×	×	
16 ww3	C 1	X 1/2/25	×	×	

FORM-006 R 3.5 08/05/24

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp. °C_Q. 8:

Time:

Corrected Temp. °C

4.01

Sample Condition
Cool Intact
Pyes Pyes
No No

CHECKED BY: (Initials)

Turnaround Time:

Standard Rush

Bacteria (only) Sample Condition Cool Intact Observed Temp

Observed Temp. °C Corrected Temp. °C

☐ Yes ☐ Yes ☐ No ☐ No

Thermometer ID #140
Correction Factor -0.6°C

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



January 06, 2025

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: AIRSTREAM 603-605

Enclosed are the results of analyses for samples received by the laboratory on 01/03/25 14:51.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: FL 1 @ 8' (H250020-01)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	12.1	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: FL 2 @ 21' (H250020-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

T d.A

01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: FL 3 @ 21' (H250020-03)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

01/03/2025 Reported: 01/06/2025

Project Name: AIRSTREAM 603-605

Project Number: 19397

Received:

Project Location: PERMIAN (32.38642,-103.42057) Sampling Date: 01/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: NW 1 @ 0-4' (H250020-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: NW 2 @ 0-4' (H250020-05)

BTEX 8021B

DIEX GOZID	mg/	ng .	Alldiyac	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	132	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: NW 3 @ 4'-8' (H250020-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: NW 4 @ 4'-8' (H250020-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: PERMIAN (32.38642,-103.42057)

mg/kg

Sample ID: NW 5 @ 8-12' (H250020-08)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	132	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: NW 6 @ 12-16' (H250020-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
Toluene*	<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
Ethylbenzene*	<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
Total Xylenes*	<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
Total BTEX	<0.300	0.300	01/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
DRO >C10-C28*	<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	01/04/2025	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/03/2025 Sampling Date: 01/02/2025

Reported: 01/06/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: NW 7 @ 16-20' (H250020-10)

RTFY 8021R

Result	Reporting Limit	Analyzed						
		Analyzeu	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/03/2025	ND	1.95	97.6	2.00	1.18	
<0.050	0.050	01/03/2025	ND	2.09	105	2.00	2.56	
<0.050	0.050	01/03/2025	ND	2.26	113	2.00	1.85	
<0.150	0.150	01/03/2025	ND	6.89	115	6.00	1.96	
<0.300	0.300	01/03/2025	ND					
129 9	% 71.5-13	4						
mg/	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	01/06/2025	ND	448	112	400	3.64	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/04/2025	ND	185	92.5	200	5.16	
<10.0	10.0	01/04/2025	ND	179	89.3	200	12.5	
<10.0	10.0	01/04/2025	ND					
98.3	% 48.2-13	4						
86.1	% 49.1-14	8						
	<0.050 <0.150 <0.300 129 9 mg/ Result <16.0 mg/ Result <10.0 <10.0 <98.3	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 129 % 71.5-13 mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <48.2-13	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

FORM-006 R 3.5 08/05/24

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

CHAIN_DE-CLISTODY AND ANALYSIS REQUEST

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							applicable s,	t, its subsidiaries	in 30 days after constitution in some series incurred by clien	y Cardinal with or loss of profit	and received to as, loss of use	te in writing s interruption	unless mad	d waived u	pages including without any care	y and client's exclus y other cause whats	PLEASE NOTE: Liability and Damages. Cardinal's liability and clears exclusive interest of any other cause where the pure state of the pure and any other cause where the pure state of the deemed waved unless made in writing and received by Cardinal within 30 days after completion of the appurature analyses. All claims including those for negligence and any other causes including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, analyses. All claims including those for negligence and any other causes including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, analyses.	SE NOTE: Liability and es. All claims including	PLEAS analyse
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January 13, 2025

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: AIRSTREAM 603-605

Enclosed are the results of analyses for samples received by the laboratory on 01/07/25 14:41.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 1 - DEF @ 0-4' (H250059-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	7.53	0.500	01/08/2025	ND	1.81	90.4	2.00	10.1	QM-07
Ethylbenzene*	9.75	0.500	01/08/2025	ND	2.01	100	2.00	14.1	QM-07
Total Xylenes*	38.5	1.50	01/08/2025	ND	6.07	101	6.00	13.8	QM-07
Total BTEX	55.8	3.00	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	831	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	3770	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	651	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	179	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 1 - DEF @ 4'-8' (H250059-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	2.57	0.500	01/08/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	3.66	0.500	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	15.1	1.50	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	21.3	3.00	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	369	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	3570	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	643	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	153	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 1 - DEF @ 8'- 12' (H250059-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	3.53	1.00	01/08/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	4.27	1.00	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	16.8	3.00	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	24.6	6.00	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	354	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	3500	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	632	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	142	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 1 - DEF @ 12'-16' (H250059-04)

RTFY 8021R

B1EX 8021B	mg	/кд	Analyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	7.88	1.00	01/08/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	6.73	1.00	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	23.9	3.00	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	28.5	6.00	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	471	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	3260	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	583	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	148	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 1 - DEF @ 16'-20' (H250059-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	22.0	1.00	01/08/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	18.9	1.00	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	68.4	3.00	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	109	6.00	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1190	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	4390	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	742	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	197	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 2 - DEF @ 0-4' (H250059-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	0.060	0.050	01/08/2025	ND	1.81	90.4	2.00	10.1	GC-NC1
Ethylbenzene*	<0.050	0.050	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	<0.150	0.150	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	<0.300	0.300	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	183	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	79.0	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 2 - DEF @ 4'-8' (H250059-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	1.42	0.500	01/08/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	1.24	0.500	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	4.68	1.50	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	7.35	3.00	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	216	50.0	01/09/2025	ND	213	106	200	0.842	
DRO >C10-C28*	14400	50.0	01/09/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	3260	50.0	01/09/2025	ND					
Surrogate: 1-Chlorooctane	145	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	292	% 49.1-14	18						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 2 - DEF @ 8'-12' (H250059-08)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	0.171	0.050	01/08/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	0.091	0.050	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	0.456	0.150	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	0.718	0.300	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	35.0	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	3190	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	722	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 2 - DEF @ 12'-16' (H250059-09)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	2.23	1.00	01/08/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	2.61	1.00	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	10.6	3.00	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	15.4	6.00	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	311	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	3770	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	658	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	147	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: PERMIAN (32.38642,-103.42057)

ma/ka

Sample ID: SW 2 - DEF @ 16'-20' (H250059-10)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/08/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	3.78	0.500	01/08/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	4.98	0.500	01/08/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	19.8	1.50	01/08/2025	ND	6.07	101	6.00	13.8	
Total BTEX	28.6	3.00	01/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	783	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	6310	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	1180	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	194	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact Sample Received By: Project Number: 19397 Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 3 - DEF @ 0-4' (H250059-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	<0.050	0.050	01/09/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	<0.150	0.150	01/09/2025	ND	6.07	101	6.00	13.8	
Total BTEX	<0.300	0.300	01/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.4	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	2770	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	761	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/07/2025 Sampling Date: 01/02/2025

Reported: 01/13/2025 Sampling Type: Soil

Project Name: AIRSTREAM 603-605 Sampling Condition: Cool & Intact
Project Number: 19397 Sample Received By: Alyssa Parras

Project Location: PERMIAN (32.38642,-103.42057)

Sample ID: SW 3 - DEF @ 4'-8' (H250059-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2025	ND	1.76	88.2	2.00	4.11	
Toluene*	0.132	0.050	01/09/2025	ND	1.81	90.4	2.00	10.1	
Ethylbenzene*	0.160	0.050	01/09/2025	ND	2.01	100	2.00	14.1	
Total Xylenes*	0.648	0.150	01/09/2025	ND	6.07	101	6.00	13.8	
Total BTEX	0.941	0.300	01/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	01/08/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	29.6	10.0	01/08/2025	ND	213	106	200	0.842	
DRO >C10-C28*	6520	10.0	01/08/2025	ND	192	95.9	200	0.194	
EXT DRO >C28-C36	1510	10.0	01/08/2025	ND					
Surrogate: 1-Chlorooctane	107 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139 9	% 49.1-14	8						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Revision 1.0 FORM-006

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	ions, Inc.	BILL TO	No.			AN	ANALYSIS	IS REQUEST
Project Manager:	Jeel Lowry	P.O.	0. #:				-	1	
Address: P.O. Box 301		Co	Company: Permilan 12 Seure				7		
City: Lovington	State: NM	Zip: 88260 Attn:					-		
Phone #: (575) 3	(575) 396-2378 Fax #: (575) 396-1429		Address:					-	
Project #: 19347	Project Owner: Promision	Permiss Resources City:)			
Project Name: 🍂	stream 603.		State: Zip:	de	5M)	21B		177	
Project Location: 32, 350 42	-	(Lea co. NM) Ph	Phone #:	lorio	(801	(80			
Sampler Name:	Ď.		Fax #:	Ch	ΡΗ	EX			
FOR LAB USE ONLY	1	MATRIX	PRESERV. SAMPLING		TF	вт			
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER OIL OIL OIL OTHER:	2 76	N			6 Table	7 Yan	
1	SIM - NET Q O-4'	GI W SC OI SL	IC	X	~	×	+	+	
2	- DEF @ 4'	C	1/7/25 9:30	×	×	X	+	1	
38	1-DEF 6	X 12	1/1/25 /6:00	X	×	×			
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7 500	201-11ET (N D'4)	0 0	Ch. 20 57/11	× >	<>	< ×	+	+	
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9 Sw	2.	C -	11.125 11.30	2,	×	4			
10 SL PLEASE NOTE: Liability and Da	10 SUR DEF 10 16 20 16 20 17 18 18 18 18 18 18 18 18 18 18 18 18 18	ny claim arising whether based in contract or tort, shall be limited	shall be limited to the amount paid by the client	ent for the	×	>	-	-	
service. In no event shall Cardina affiliates or successors arising ou	ervice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or toss of profits incurred by client, its subsidiaries fiftiales or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stated reasons or otherwise.	quental damages, including without limitation, business interruptions, loss of use of services hereunder by Cardinal, regardless of whether such daim is based up	use, or loss of profits incurred by client, its subsidiarie ed upon any of the above stated reasons or otherwise	wise.			-		
hed		Received By:	Phone Result: Fax Result: REMARKS:	lesult: ult:	□ Yes	ON O		Add'l Phone : Add'l Fax #:	B 井
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Sampler - UPS - I	Bus - Other:	C001	(inmais)	5	5	5	20		200 200

FORM-006 Revision 1.0

RDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

-2476	575-393-	iges to	written char	hanges. Please fax	Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	rdinal ca	†	FORM-006
stomers showing	cus	7	-pe	(Initials)	Cool Intact Yes Yes No No	1	UPS - Bus - Other: 410 / 4140	Sampler - UPS
more docted com.	ts to pm(Please email	ВҮ:	Sample Condition		Time:	Delivered
		dura	Standard		d By:	Received By		Relinquished By:
NO Add'l Fax #:	Yes No		Fax Result: REMARKS:		a By:	Received by:	ed By:	Relinquished By:
		cable	completion of the app ent, its subsidiaries, sons or otherwise.	d by Cardinal within 30 days after the or loss of profits incurred by clique, or loss of profits incurred by clique, or loss of the above stated reaching the or loss of the or loss of the above stated reaching the or loss of the or l	wheter bases in contract or tert, at unless made in writing and received n, business interruptions, loss of us ss of whether such daim is based	ny claim ansing deerned waived without limitation ardinal, regardi	Darnages, Cardinal's liability and client those for negligence and any other car linal be liable for incidental or conseque out of or related to the performance of	PLEASE NOTE: Lia analyses. All claims service. In no event affiliates or successor
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			7.25	28	2	S		
-	вт	-		PRESERV. SAMPLING	MATRIX PI			FOR LAB USE ONLY
	EX		Chl	77	Fax #:		MIGHT RAMINGS	Sampler Name:
	(80		lorie	The standing of the standing of	Phone #:	57	32 38642 -11	Project Location:
	21E	5M	de	: Zip:	State:		Austranon 603-605	Project Name:
	3))		The second secon	n Resources City:	Permiun	19397 Project Owner:	Project #:
				ess:	Address:)6-1429	(575) 396-2378 Fax #: (575) 396-1429	Phone #:
		-			O Attn:	Zip: 88260	Lovington State: NM	City: Lovi
			Resources	Company: Permian	Com		P.O. Box 301	Address:
				#:	P.O. #:		nager: Joel LOWIN	Project Manager:
ANALYSIS REQUEST				BILL TO		ons, inc.	vame: Etech Environmental & Safety Solutions, Inc.	Company Name:
	-			and the second section of the	1,	76	(575) 393-2326 FAX (575) 393-2476	

Page 16 of 16

Appendix E NMOCD Correspondence

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	nAPP2320839776
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

			21001	0 120 2		-5				
Responsible	Party: Perm	ian Resources			OGRID: 3	372165				
Contact Nan	ne: Montgom	nery Floyd			Contact T	Telephone: 432-425-8321				
Contact ema	il: montgom	ery.floyd@permia	nres.com		Incident #	# nAPP2320839776				
Contact mail Midland, Tx		300 N. Marienfel	d Suite 10000,							
			Location	of R	delease S	Source				
Latitude 32.3	8641		(NAD 83 in dec	cimal de	Longitude - grees to 5 decir	e -103.42056				
Site Name: A	irstream CT	B 2			Site Type:	e: Production Facility				
Date Release	Discovered:	7/17/2023			API# (if app	pplicable)				
Unit Letter	Section	Township	Range		Cour	unty				
О	13	22S	34E	Lea						
Surface Owne		Federal Tr	Nature and	l Vol	lume of]					
Material(s) Released (Select all that apply and attach calculations or specific Crude Oil Volume Released (bbls) 78						Volume Recovered (bbls) 70				
Produced	Water	Volume Release	d (bbls)			Volume Recovered (bbls)				
8		Is the concentrate produced water	ion of dissolved c	hloride	e in the	☐ Yes ⊠ No				
Condensa	ite	Volume Release	<u>~</u>			Volume Recovered (bbls)				
☐ Natural G	as	Volume Release	d (Mcf)			Volume Recovered (Mcf)				
Other (de	scribe)	Volume/Weight	Released (provide	e units))	Volume/Weight Recovered (provide units)				
Cause of Rele Corrosion lec attached soil	d to release o		action piping. The	site wi	ill be remedi	diated to state standards. Volumes were justified using the				

Incident ID	nAPP232089776
District RP	
Facility ID	
Application ID	

Released to Imaging: 5/1/2025 8:08:16 AM

release as defined by 19.15.29.7(A) NMAC?	The release exceeded 25 barrels volume.			
Xes □ No				
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice was given by Montgomery Floyd via email to ocdenviro, Mike Bratcher, and SLO ECO.				
	Initial Response			
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury			
The source of the rele	ase has been stopped.			
The impacted area ha	s been secured to protect human health and the environment.			
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.			
All free liquids and re	coverable materials have been removed and managed appropriately.			
If all the actions described	d above have <u>not</u> been undertaken, explain why:			
Per 19 15 29 8 B (4) NM	AC the responsible party may commence remediation immediately after discovery of a release. If remediation			
has begun, please attach a	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: Montgomery Floyd Title: Environmental Manager				
Signature:	Date: 7-27-23			
email: montgomery.floyd(@permianres.com Telephone: 432-425-8321			
OCD Only				
Received by: Shelly We	Date: _7/28/2023			

Received by OCD: 1/20/2025 3:13:55 PM

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

Responsible Party: Permian Resources

Contact Name: Montgomery Floyd

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	nAPP2329127081
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID: 372165

Contact Telephone: 432-425-8321

			Locatio	n of Release	Source	
atitude 32.3	86402	1)	(NAD 83 in	Longitu decimal degrees to 5 d	de -103.420455 decimal places)	
Site Name: A	irstream CT	B 2		Site Ty	pe: Production Facility	
Date Release	Discovered:	: 10/16/2023		API# (į	f applicable)	oran isana seria ambane sen at
Unit Letter	Section	Township	Range	С	County	
P	13	22S	34E	Lea	-	
		Federal 7	Nature a	nd Volume o		provided below)
urface Owne	Materia	70	Nature as	nd Volume o	of Release cific justification for the volumes Volume Recovered (b	
urface Owne	Materia	l(s) Released (Select	Nature and attacked (bbls) 21	nd Volume o	cific justification for the volumes	bls) 18
urface Owne	Materia	l(s) Released (Select Volume Releas Volume Releas Is the concentra	Nature and attacked (bbls) 21	nd Volume (Volume Recovered (b	bls) 18
urface Owne	Materia Water	l(s) Released (Select Volume Releas Volume Releas Is the concentra	Nature and attacked (bbls) 21 sed (bbls) 5 attion of dissolved r >10,000 mg/l?	nd Volume (volume Recovered (b	bls) 18 bls) 4
urface Owner Crude Oil Produced	Materia Water	I(s) Released (Select Volume Releas Volume Releas Is the concentra produced water	Nature and all that apply and attacked (bbls) 21 sed (bbls) 5 attion of dissolved to >10,000 mg/l? sed (bbls)	nd Volume (volume Recovered (b Volume Recovered (b Volume Recovered (b ✓ Yes ☒ No	bls) 18 bls) 4 bls)
□ Condensa	Materia Water te	I(s) Released (Select Volume Releas Volume Releas Is the concentra produced water Volume Releas Volume Releas	Nature and all that apply and attacked (bbls) 21 sed (bbls) 5 attion of dissolved to >10,000 mg/l? sed (bbls)	nd Volume of the calculations or specific calc	Volume Recovered (b Volume Recovered (b Volume Recovered (b Yes No Volume Recovered (b	bls) 18 bls) 4 bls) Mcf)



Incident ID	nAPP2329127081
District RP	
Facility ID	
Application ID	

Released to Imaging: 5/11/2025/8:08:16/MMM

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release? The release exceeded 25 barrels volume.
⊠ Yes □ No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	rovided to OCDenviro & Mike Bratcher, by Montgomery Floyd of PR on 10/16/2023.
	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 rel	ease has been stopped.
The impacted area ha	as been secured to protect human health and the environment.
Released materials ha	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and r	ecoverable materials have been removed and managed appropriately.
If all the actions describe	ed above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NM	AAC 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 nt area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environ failed to adequately investig	ormation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have gate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Montgom	ery Floyd Title: Environmental Manager
Signature:	Date: 10-18-23
email: montgomery.floyo	d@permianres.com Telephone: 432-425-8321
OCD Only	
Received by: Shelly V	Vells Date: <u>10/18/2023</u>



Incident ID	nAPP2329127081
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?	(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 ver- contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	

-	<u>CII</u>	articler Education Report Checking. Each of me following nems news be measured 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
9		Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
y		Boring or excavation logs
70		Photographs including date and GIS information
		Topographic/Aerial maps
0		Laboratory data including chain of custody
S		

the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation lan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

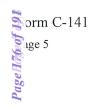
Released to Imaging: 5/11/2025 8:08:16 WM M



Incident ID	nAPP2329127081
District RP	
Facility ID	
Application ID	

Released to Imaging: 5/11/2025 8:08:1604MM

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:	Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	



Incident ID	nAPP2329127081
District RP	
Facility ID	
Application ID	

Released to Imaging: 5/11/2025/8:08:76/MMM

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation poin ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29. ☐ Proposed schedule for remediation (note if remediation plan tin	12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con-	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around p deconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	82
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	<u>Date:</u>



Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

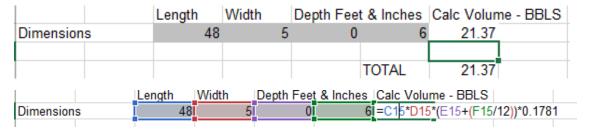
Incident ID	nAPP2329127081
District RP	
Facility ID	
Application ID	

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.

A scaled site and sampling diagram as described in 19.15.29.1	1 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	C District office must be notified 2 days prior to final sampling)	
☐ Description of remediation activities		
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially additions that existed prior to the release or their final land use in	
Printed Name:	_ Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of emediate contamination that poses a threat to groundwater, surface warty of compliance with any other federal, state, or local laws and/o	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.	
Closure Approved by:	Date:	
rinted Name:	Title:	

Area #1



Area #2

	Length	Width	Depth Feet	t & Inches	Calc Volum	e - BBLS
Dimensions	40	. 3	0	3	5.34	
				TOTAL	5.34	

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

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 276804

CONDITIONS

Operator:	OGRID:
Permian Resources Operating, LLC	372165
1001 17th Street, Suite 1800	Action Number:
Denver, CO 80202	276804
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	10/18/2023

Searches

Operator Data

Hearing Fee Application

OCD Permitting

Home (

Operator Data

Action Status

Action Search Results

Action Status Item Details

[C-141] Deferral Request C-141 (C-141-V-DEFERRAL) Application

Submission Information

Submission ID:

383840

Districts:

Hobbs

Operator:

[372165] Permian Resources Operating, LLC

Counties:

Lea

Description:

Permian Resources Operating, LLC [372165]

, AIRSTREAM CTB 2

, nAPP2320839776

Status:

APPROVED

Status Date:

09/27/2024

References (1):

nAPP2320839776

Forms

Attachments:

Volume Calculation, Water Sources, Scaled Site Map, Field Data, Soil Contaminant, Water Depth, Boring Logs, Photographs, Topo Aerial Maps, Lab Data,

Proposed Technique, Estimated Volume, Closure Criteria, Proposed Schedule

Questions

Prerequisites

Incident ID (n#)

nAPP2320839776

Incident Name

NAPP2320839776 AIRSTREAM CTB 2 @ 0

Incident Type

Oil Release

Incident Status

Deferral Request Received

Location of Release Source

Please answer all the questions in this group.

Site Name

AIRSTREAM CTB 2

Date Release Discovered

07/17/2023

State

Surface Owner

Incident Details

Please answer all the questions in this group.

Incident Type

Oil Release

Did this release result in a fire or is the result of a fire

No

Did this release result in any injuries

No

watercourse

No

Has this release endangered or does it have a reasonable probability of endangering

Has this release reached or does it have a reasonable probability of reaching a

public health

Released to Imaging: 5/1/2025 8:08:16 AM

Searches Operator Data Hearing Fee Application

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details Cause: Equipment Failure | Separator | Crude Oil | Released: 78 BBL | Recovered: 70 BBL | Lost: 8 BBL.

Produced Water Released (bbls) Details Not answered Is the concentration of chloride in the produced water >10,000 mg/l Not answered Condensate Released (bbls) Details Not answered. Natural Gas Vented (Mcf) Details Not answered Natural Gas Flared (Mcf) Details Not answered Other Released Details Not answered. Are there additional details for the questions above (i.e. any answer containing Not answered.

Other, Specify, Unknown, and/or Fire, or any negative lost amounts)

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported) No, according to supplied volumes this does not appear to be a "gas only" report.

Was this a major release as defined by Subsection A of 19.15.29.7 NMAC Yes

Reasons why this would be considered a submission for a notification of a major From paragraph A. "Major release" determine using:

(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form

Initial Response

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

The source of the release has been stopped True The impacted area has been secured to protect human health and the environment True Released materials have been contained via the use of berms or dikes, absorbent True pads, or other containment devices

All free liquids and recoverable materials have been removed and managed

appropriately

If all the actions described above have not been undertaken, explain why Not answered

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follo If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19,15,29,11 NMAC), please prepare and attach all information needed the follow-up C-141 submission.

True

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 f 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 sho 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 do operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement Name: Montgomery Floyd

Title: Environmental Manager

Email: montgomery.floyd@permianres.com

Date: 09/16/2024

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Greater than 5 (mi.)

What is the shallowest depth to groundwater beneath the area affected by the Between 51 and 75 (ft.)

release in feet below ground surface (ft bgs)

What method was used to determine the depth to ground water Direct Measurement

Did this release impact groundwater or surface water No

A continuously flowing watercourse or any other significant watercourse

What is the minimum distance, between the closest lateral extents of the release and the following surface areas:

Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Between 1 and 5 (mi.)

An occupied permanent residence, school, hospital, institution, or church Between 1 and 5 (mi.)

Searches Operator Data Hearing Fee Application

A subsurface mine Greater than 5 (mi.)

An (non-karst) unstable area Between 1000 (ft.) and ½ (mi.)

Categorize the risk of this well / site being in a karst geology

A 100-year floodplain Greater than 5 (mi.)

Did the release impact areas not on an exploration, development, production, or No

storage site

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date

Requesting a remediation plan approval with this submission Yes

Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.

Have the lateral and vertical extents of contamination been fully delineated

Yes

Was this release entirely contained within a lined containment area

No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

 Chloride
 (EPA 300.0 or SM4500 CI B)
 1280

 TPH (GRO+DRO+MRO)
 (EPA SW-846 Method 8015M)
 43200

 GRO+DRO
 (EPA SW-846 Method 8015M)
 37000

 BTEX
 (EPA SW-846 Method 8021B or 8260B)
 632

 Benzene
 (EPA SW-846 Method 8021B or 8260B)
 17.1

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipa beginning and completing the remediation.

On what estimated date will the remediation commence 01/09/2024

On what date will (or did) the final sampling or liner inspection occur 12/01/2024

On what date will (or was) the remediation complete(d) 12/12/2024

What is the estimated surface area (in square feet) that will be reclaimed 13000

What is the estimated volume (in cubic yards) that will be remediated 13000

What is the estimated volume (in cubic yards) that will be remediated 1615

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the renthen it should consult with the division to determine if another remediation plan submission is required.

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)

Which OCD approved facility will be used for off-site disposal NDBL RECYCLE. CLOSED [fSL2019032229]

OR which OCD approved well (API) will be used for off-site disposal Not answered. OR is the off-site disposal site, to be used, out-of-state Not answered OR is the off-site disposal site, to be used, an NMED facility Not answered. (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) Not answered. (In Situ) Soil Vapor Extraction Not answered. (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) Not answered. (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) Not answered. (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) Not answered. Ground Water Abatement pursuant to 19.15.30 NMAC Not answered. OTHER (Non-listed remedial process) Not answered.

Searches Operator Data Hearing Fee Application

To access remaining in-situ contamination PR would need to deconstruct the entire process equipment and sto

operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement Name: Montgomery Floyd

Title: Environmental Manager

Email: montgomery.floyd@permianres.com

Date: 09/16/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the renther it should consult with the division to determine if another remediation plan submission is required.

Yes

Yes

5650

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this

submission

Have the lateral and vertical extents of contamination been fully delineated

Is the remaining contamination in areas immediately under or around production

equipment where remediation could cause a major facility deconstruction

Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction

What is the remaining surface area (in square feet) that will still need to be

remediated if a deferral is granted

What is the remaining volume (in cubic yards) that will still need to be remediated if a

deferral is granted

Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.

Enter the facility ID (##) on which this deferral should be granted

Airstream 13 CTB 2 [fAPP2220760755]

Enter the well API (30-) on which this deferral should be granted Not answered

Contamination does not cause an imminent risk to human health, the environment, True

or groundwater

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipa beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or f 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 she 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 do operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement Name: Montgomery Floyd

Title: Environmental Manager

Email: montgomery.floyd@permianres.com

Date: 09/16/2024

Sampling Event Information

Last sampling notification (C-141N) recorded 382291

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 09/12/2024

19.15.29.12 NMAC

What was the (estimated) number of samples that were to be gathered

What was the sampling surface area in square feet 200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission No

		Searches	Operator Data	Hearing Fee Application
Comments				
No comments found	for this submission.			
Conditions				
Summary:	nvelez (9/27/2024), The remediation plan submitted within this report has be discrepancy, the document has formally been approved as a site character days (December 26, 2024) to submit its appropriate or final remediation	cterization/remediation plan and will		
Reasons				
No reasons found for	this submission.			
Go Back				
	New Mexico Energy, Minerals and Natural Reso 1220 South St. Francis Drive Santa Fe, NM 87505			

EMNRD Home OCD Main Page OCD Rules Help

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

QUESTIONS

Action 422277

QUESTIONS

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	422277
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2329127081
Incident Name	NAPP2329127081 AIRSTREAM CTB 2 @ 30-025-45781
Incident Type	Oil Release
Incident Status	Deferral Request Approved
Incident Well	[30-025-45781] AIRSTREAM 24 STATE COM #505H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	AIRSTREAM CTB 2
Date Release Discovered	10/16/2023
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release			
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.			
Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 21 BBL Recovered: 18 BBL Lost: 3 BBL.		
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 5 BBL Recovered: 4 BBL Lost: 1 BBL.		
Is the concentration of chloride in the produced water >10,000 mg/l	No		
Condensate Released (bbls) Details	Not answered.		
Natural Gas Vented (Mcf) Details	Not answered.		
Natural Gas Flared (Mcf) Details	Not answered.		
Other Released Details	Not answered.		
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.		

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

QUESTIONS, Page 2

Action 422277

QUESTIONS (continued)

Operator:	OGRID: 372165
Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	422277
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 00/16/2024

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QUESTIONS, Page 3

Action 422277

QUESTIONS (continued)

Operator		OGRID:
	Permian Resources Operating, LLC	372165
	300 N. Marienfeld St Ste 1000	Action Number:
	Midland, TX 79701	422277
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in millig	grams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1500	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	43200	
GRO+DRO (EPA SW-846 Method 8015M)	37000	
BTEX (EPA SW-846 Method 8021B or 8260B)	632	
Benzene (EPA SW-846 Method 8021B or 8260B)	17.1	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	01/09/2024	
On what date will (or did) the final sampling or liner inspection occur	01/02/2025	
On what date will (or was) the remediation complete(d)	01/02/2025	
What is the estimated surface area (in square feet) that will be reclaimed	13000	
What is the estimated volume (in cubic yards) that will be reclaimed	1925	
What is the estimated surface area (in square feet) that will be remediated	6600	
What is the estimated volume (in cubic yards) that will be remediated	1820	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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

QUESTIONS, Page 4

Action 422277

QUESTIONS (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	422277
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

er Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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

Name: Matthew Taylor Title: Environmental Coordinator I hereby agree and sign off to the above statement Email: matthew.taylor@permianres.com Date: 01/20/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Permian Resources Operating, LLC

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Operator:

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

QUESTIONS, Page 5

Action 422277

QUESTIONS (continued)

OGRID:

372165

300 N. Marienfeld St Ste 1000 Midland, TX 79701	Action Number: 422277
Midiand, 1X 79701	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each	of the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Due to access issues caused by separators and storage tanks, to remediate the remaining in-situ contaminants PR would need to deconstruct the entire facility.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	7800
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	1260
	diately under or around production equipment such as production tanks, wellheads and pipelines where on may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	Airstream 13 CTB 2 [fAPP2220760755]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required cases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 01/20/2025

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QUESTIONS, Page 6

Action 422277

QUESTIONS (continued)

Operator:		OGRID:
Permiar	an Resources Operating, LLC	372165
300 N. N	Marienfeld St Ste 1000	Action Number:
Midland	d, TX 79701	422277
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	415889
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/06/2025
What was the (estimated) number of samples that were to be gathered	80
What was the sampling surface area in square feet	11000

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	No	

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CONDITIONS

Action 422277

CONDITIONS

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	422277
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	5/1/2025