Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2035932766
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jamon Hohensee Title: Sr. Environmental Analyst

Signature: [signature] Date: 8-27-21

email: jamon.hohensee@cdevinc.com Telephone: 432-241-4283

OCD Only

Received by: Chad Hensley Date: 09/28/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: [signature] Date: 09/28/2021

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

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	nAPP2035932766
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Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165
Contact Name: Jamon Hohensee	Contact Telephone: 432-241-4283
Contact email: jamon.hohensee@cdevinc.com	Incident # nAPP2035932766
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

Location of Release Source

Latitude 32.38603 Longitude -103.42875
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Airstream 24 SC 501H	Site Type: Production Facility
Date Release Discovered: 12/22/20	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
M	13	22S	34E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: San Simon Ranch*)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 16	Volume Recovered (bbls)5
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
A failed block seal caused a leak on the jet pump causing fluids to be released in the area around the pump.

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Jamon Hohensee Title: Sr. Environmental Analyst

Signature: _____ Date: 2/11/21

email: jamon.hohensee@cdevinc.com Telephone: 432-241-4283

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

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District RP	
Facility ID	
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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?	<50 ft (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☑ Field data
- ☑ Data table of soil contaminant concentration data
- ☑ Depth to water determination
- ☑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☑ Boring or excavation logs
- ☑ Photographs including date and GIS information
- ☑ Topographic/Aerial maps
- ☑ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Printed Name: Jamon Hohensee Title: Sr. Environmental Analyst

Signature: Jamon Hohensee Date: 8-27-21

email: jamon.hohensee@cdevinc.com Telephone: 432-241-4283

OCD Only

Received by: _____ Date: _____

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Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- [x] Detailed description of proposed remediation technique
- [x] Scaled sitemap with GPS coordinates showing delineation points
- [x] Estimated volume of material to be remediated
- [x] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [x] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- [ ] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [ ] Extents of contamination must be fully delineated.
- [ ] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Jamon Hohensee Title: Sr. Environmental Analyst

Signature: Jamon Hohensee Date: 8-27-21

email: jamon.hohensee@cdevinc.com Telephone: 432-241-4283

OCD Only

Received by: _____ Date: _____

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: _____ Date: _____

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State of New Mexico
Oil Conservation Division

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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Printed Name: Jamon Hohensee Title: Sr. Environmental Analyst

Signature: [signature] Date: 8-27-21

email: jamon.hohensee@cdevinc.com Telephone: 432-241-4283

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

CLOSURE REQUEST AND REMEDIATION SUMMARY REPORT

Centennial Resource Development, Inc.
Airstream 24 SC 501H (Jet Pump)
Lea County, New Mexico
Unit Letter "M", Section 13, Township 22 South, Range 34 East
Latitude 32.38603º North, Longitude 103.42875º West
NMOCD Reference #: nAPP2035932766

Prepared For:

Centennial Resource Development, Inc.
500 W. Illinois Avenue Suite 500
Midland, TX 79701

Prepared By:

Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, Texas 79711

August 2021

Wesley A. Desilets
Project Manager

Matthew Green, P.G.
Senior Project Manager

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FIGURES

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APPENDICES

INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Centennial Resource Development, Inc. (Centennial), has prepared this Closure Request and Remediation Summary Report for the Release Site known as Airstream 24 SC 501H (Jet Pump). The legal description of the Release Site is Unit Letter "M", Section 13, Township 22 South, Range 34 East, in Lea County, New Mexico. The Release Site GPS coordinates are 32. 38603º North and 103. 42875º West. Please reference Figure 1 for the Site Location Map and Figure 2 for the Site Details & Confirmation Soil Sample Map.

On December 22, 2020, a reportable release was discovered by Centennial at the Airstream 24 SC 501H (Jet Pump) site (Release Site). A block seal failed on the jet pump, resulting in the release. Approximately sixteen (16) barrels of crude oil was released with five (5) barrels recovered, resulting in a net loss of approximately eleven (11) barrels of crude oil. On February 11, 2021, Centennial filed a *Release Notification and Corrective Action Form* (Form C-141) with the New Mexico Oil Conservation Division (NMOCD) documenting the release. The Form C-141 is provided as Appendix D.

Photographic documentation for the Airstream 24 SC 501H (Jet Pump) Release Site is provided as Appendix A.

NMOCD SITE CLASSIFICATION

A search of the groundwater database maintained by United States Geological Survey (USGS) did not identify any registered water wells within a quarter (1/4) mile of the Airstream 24 SC 501H (Jet Pump) Release Site. A further search of the USGS database identified the closest registered water well is USGS Well #: 322231103262601 located approximately eight tenths (0.8) of a mile southwest of the Release Site. The average depth to groundwater for USGS Well #: 322231103262601 should be encountered at approximately seventeen (17) feet below ground surface (bgs). No water wells were observed within one thousand (1,000) feet of the Release Site. No surface water was observed within one thousand (1,000) feet of the release. Based on the NMOCD site classification system, the following soil remediation levels were assigned to the Airstream 501H Jet Pump Release Site as a result of this criterion.

- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 100 mg/Kg (ppm)
- Chloride – 600 mg/Kg (ppm)

SUMMARY OF SOIL REMEDIATION ACTIVITIES

February 4, 2021, Etech commenced excavation and remediation activities at the Release Site utilizing heavy equipment and manual means. Excavated soil was stockpiled on site awaiting disposal. Excavation activities were conducted in a manner that protected the integrity of the production equipment. Etech hand spotted around all surface equipment and excavated by hand all

impacted material within two (2) feet of any production equipment, and utilities in the release area were spotted utilizing a hydro-vac.

On February 24, March 1, 3, and 5, 2021, concurrently with excavation activities, Etech, on behalf of Centennial, collected twenty-two (22) composite bottom hole soil samples from the base of the excavated area, and twenty (20) composite sidewall confirmation soil samples were collected from the sidewalls excavated area. Samples were submitted to Permian Basin Environmental Lab, LP. (PBELAB) in Midland, TX. for benzene, toluene, ethylbenzene, and xylene (BTEX) using EPA Method SW 846-8021B, Total Petroleum Hydrocarbons (TPH) using EPA Method SW 846-8015M, and chloride using EPA Method E 300.0. A review of laboratory analytical results indicated confirmation soil samples BH 3 @ 3', BH 4 @ 42", BH 5 @ 42", BH 6 @ 4', BH 7 @ 54", BH 9 @ 42", BH 10 @ 3', BH 11 @ 30", BH 12 @ 18", BH 14 @ 3', BH 18 @ 42", BH 19 @ 42", BH 21 @ 7', BH 22 @ 3', NEP @ 18", NWP @ 30", NW @ 2', SWA @ 1', WWP @ 18", and EWT-#2 @ 2.5' were above applicable NMOCD regulatory guidelines for TPH concentrations. Confirmation soil sample BH 21 @ 7' was above applicable NMOCD limits for chloride and Total BTEX concentrations. Please reference Table 1 and Figure 2 for sample locations.

On May 5, 2021, following further excavation activities, fourteen (14) composite bottom hole confirmation soil samples were collected from the areas represented by sample points BH 3 through BH 7, BH 9 through BH 12, BH 14, BH 18, BH 19, BH 21, and BH 22. Six (6) composite confirmation sidewall soil samples were collected from the sidewalls of the further excavated areas represented by sample points NEP, NWP, NW, SWA, WWP, and EWT-#2. Soil samples were submitted to PBELAB and analyzed for TPH, and/or BTEX, and/or chloride concentrations. A review of laboratory analytical results indicated all collected soil samples were below applicable NMOCD regulatory guidelines and/or laboratory method detection limits with the exception of confirmation soil sample BH-10 @ 4' which excepted TPH concentrations above NMOCD limits. Please reference Table 1 and Figure 2 for sample locations.

On June 1, 2021, following further excavation activities, one (1) composite bottom hole confirmation soil sample was collected from the area represented by sample points BH 10. The soil sample was submitted to PBELAB and analyzed for TPH concentrations. A review of laboratory analytical results indicated the soil sample was below applicable NMOCD limits for TPH concentrations.

On June 3, 2021, six (6) additional composite confirmation soil samples were collected from the base of the excavation (BH-3, BH-5, BH-10, BH-12, BH-21, and BH-22) as part of a landowner confirmation sampling event. The samples were submitted to Pace Analytical in Mount Juliet, TN for BTEX, TPH, and chloride analysis. The landowner's analytical results indicated that additional excavation activities were also necessary due to elevated TPH concentrations for the composite confirmation soil sample (BH-21). Please reference Table 2 and Figure 2 for site details and soil sampling locations.

On June 30, 2021, following further excavation activities, one (1) composite confirmation soil sample (BH-21) was collected from the base of the further excavated area and submitted to PBELAB for TPH analysis. A review of laboratory analytical results indicated that the soil sample was below applicable NMOCD limits. Please reference to Table 2 and Figure 2 for site details and soil sampling locations.

Table 1 Confirmation Sample Results summarizes the Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil, and Table 2 Landowner Confirmation Split Sample Results summarizes the Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil. Analytical reports are provided as Appendix B.

SOIL DISPOSAL AND BACKFILL ACTIVIES

Between February 26, and May 27, 2021, throughout excavation and remediations activities, Etech transported the impacted stockpiled soil to the Sundance disposal facility in Lea County, NM and to the Owl Disposal located in Lea County, NM. Additional impacted soil was transported to disposal by a third-party contractor. The excavated area was backfilled with non-impacted like soil from a landowner approved source and the site was recontoured to fit the surrounding area.

SITE CLOSURE REQUEST

Based on the analytical results of confirmation soil samples collected from the excavation, impacted soils were brought to surface and confirmation soil samples below applicable NMOCD regulatory limits. Etech, on behalf of Centennial, respectfully request that the NMOCD District 1 Office grant site closure to the Airstream 24 SC 501H (Jet Pump) Release Site (NMOCD Incident ID: nAPP2035932766).

LIMITATIONS

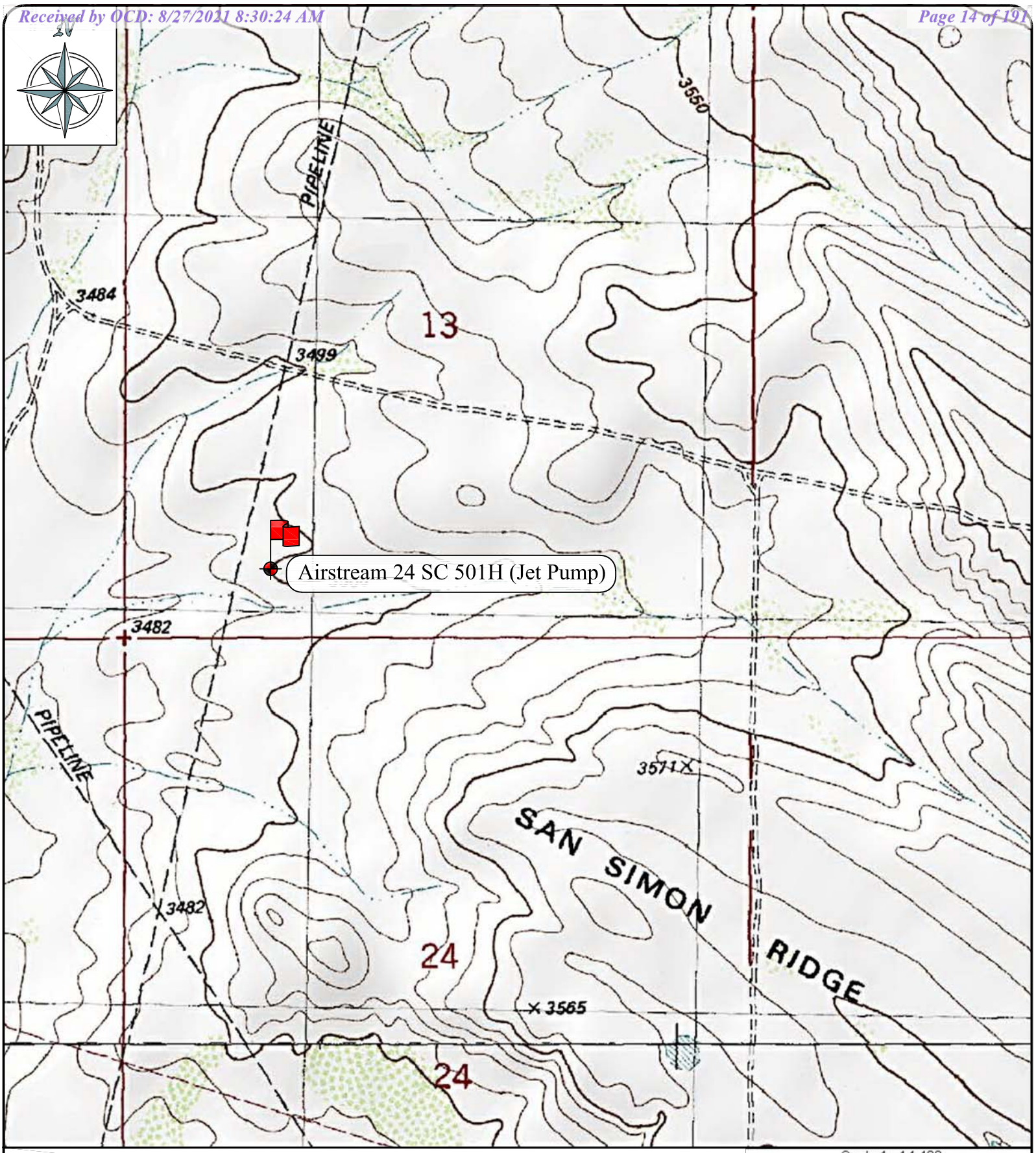
Etech has prepared this Closure Request and Remediation Summary Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. Etech has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech also 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 Centennial Resource Development, Inc. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Etech and/or Centennial Resource Development, Inc.

DISTRIBUTION

Copy 1: New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1624 N. French Drive
Hobbs, New Mexico 88210

Copy 2: Jamon Hohensee
Centennial Resource Development, Inc.
500 W. Illinois Avenue Suite 500
Midland, TX 79701

Copy 3: Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, TX 79711



Scale 1 : 14,400

1" = 136.2 ft Data Zoom 14-1

Site - Airstream 24 SC 501H (Jet Pump)
Site Location Map
Centennial Resource Development, Inc.
Lea County, NM
N 32.38603°, W 103.42875°

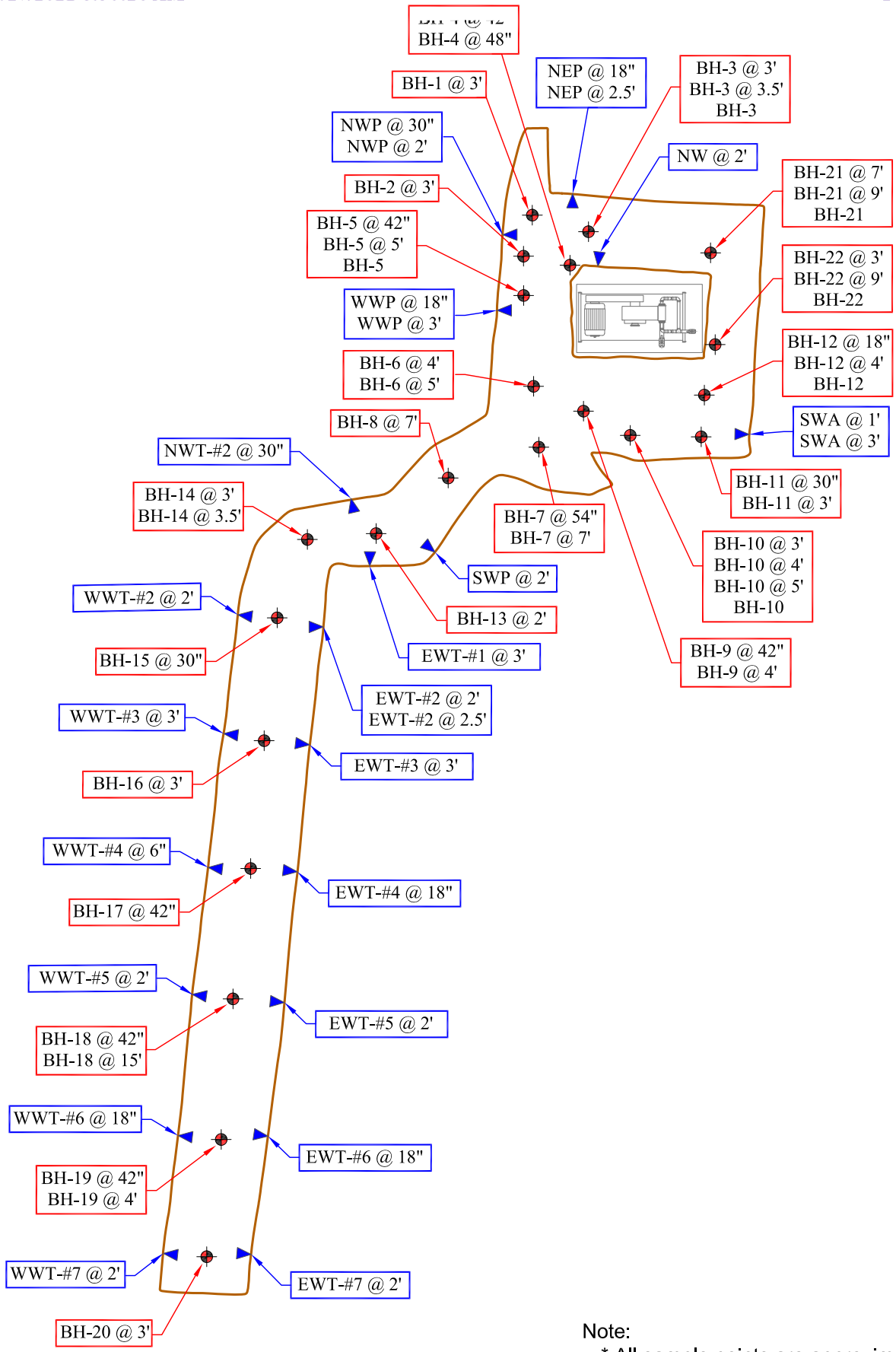
Legend

= Site Location

eTECH Environmental & Safety Solutions, Inc.

CDEV ID No.: 02545

Figure 1



Note:
* All sample points are approximate
* All samples are five point composites

Site - Airstream 24 SC 501H (Jet Pump)
Site Details & Confirmation Sample Map
Centennial Resource Development, Inc.
Lea County, NM
N 32.38603°, W 103.42875°

Legend
= Bottom Hole Sampling Point
= Side Wall Sampling Point
Excavation Perimeter
0 50 100
Scale

eTECH Environmental & Safety Solutions, Inc.

CDEV ID No.: 02545

Figure 2

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
CONFIRMATION SAMPLE RESULTS

CENTENNIAL RESOURCE DEVELOPMENT, INC.

AIRSTREAM 501H JET PUMP
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B						METHOD: SW 8015M					E 300.0
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
Limits		**10 mg/Kg**						**50 mg/Kg**				**100 mg/Kg**	**600 mg/Kg**
Bottom Hole Sample Results													
BH 1 @ 3'	2/24/2021	ND	ND	ND	ND	ND	ND	ND	ND	63.6	ND	63.6	222
BH 2 @ 3'	2/24/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	311
BH 3 @ 3'	2/24/2021	ND	ND	ND	ND	ND	ND	ND	ND	1,020	211	**1,231**	162
BH 3 @ 3.5'	5/5/2021	-	-	-	-	-	-	-	ND	28.6	ND	28.6	-
BH 4 @ 42"	2/24/2021	ND	ND	ND	ND	ND	ND	ND	ND	160	45.5	**205.5**	25.9
BH 4 @ 48"	5/5/2021	-	-	-	-	-	-	-	ND	51.8	ND	51.8	-
BH 5 @ 42"	3/1/2021	ND	0.00137	0.00124	0.00795	0.00402	0.01197	0.01458	80.5	1,110	182	**1,372.5**	3.27
BH 5 @ 5'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH 6 @ 4'	3/1/2021	ND	0.00164	ND	ND	ND	ND	0.00164	ND	658	118	**776**	32.0
BH 6 @ 5'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH 7 @ 54"	3/1/2021	ND	ND	ND	ND	ND	ND	ND	ND	155	ND	**155**	271
BH 7 @ 7'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH 8 @ 7'	3/1/2021	ND	ND	ND	ND	ND	ND	ND	ND	51.5	ND	51.5	11.9
BH 9 @ 42"	3/1/2021	ND	0.00985	0.00248	0.00514	0.00148	0.00662	0.01895	ND	324	43.2	**367.2**	14.2
BH 9 @ 4'	5/5/2021	-	-	-	-	-	-	-	ND	84.3	ND	84.3	-
BH 10 @ 3'	3/1/2021	ND	0.00166	ND	ND	ND	ND	0.00166	ND	147	27.5	**174.5**	250
BH 10 @ 4'	5/5/2021	-	-	-	-	-	-	-	ND	122	35.4	**157.4**	-
BH 10 @ 5'	6/1/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH 11 @ 30"	3/1/2021	ND	0.00254	ND	ND	ND	ND	0.00254	ND	165	ND	**165**	27.0
BH 11 @ 3'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH 12 @ 18"	3/1/2021	0.00128	0.00383	0.00517	0.0335	0.0131	0.0466	0.05688	125	1,410	202	**1,737**	64.4
BH 12 @ 4'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
CONFIRMATION SAMPLE RESULTS
CENTENNIAL RESOURCE DEVELOPMENT, INC.

AIRSTREAM 501H JET PUMP
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B						METHOD: SW 8015M					E 300.0
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
Limits		**10 mg/Kg**						**50 mg/Kg**				**100 mg/Kg**	**600 mg/Kg**
BH 13 @ 2'	3/3/2021	ND	0.00244	0.00108	0.00213	0.0759	0.07803	0.08155	ND	50.4	ND	50.4	1.37
BH 14 @ 3'	3/3/2021	ND	0.00476	0.00212	0.00498	0.00192	0.00690	0.01378	ND	101	ND	**101**	13.3
BH 14 @ 3.5'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH 15 @ 30"	3/3/2021	ND	0.00309	ND	0.00217	ND	0.00217	0.00526	ND	88.1	ND	88.1	1.41
BH 16 @ 3'	3/3/2021	ND	0.00145	ND	ND	ND	ND	0.00145	ND	39.4	ND	39.4	2.75
BH 17 @ 42"	3/5/2021	ND	0.00261	ND	ND	ND	ND	0.00261	ND	60.9	ND	60.9	29.9
BH 18 @ 42"	3/5/2021	0.00279	0.0292	0.00708	0.0167	0.00788	0.02458	0.06365	ND	172	ND	**172**	9.31
BH 18 @ 15'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH 19 @ 42"	3/5/2021	0.00211	0.0192	0.00922	0.0104	0.0123	0.02270	0.05323	ND	420	69.0	**489.0**	9.03
BH 19 @ 4'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH 20 @ 3'	3/5/2021	ND	0.00820	0.00379	0.00788	0.00654	0.01442	0.02641	ND	72.5	ND	72.5	8.39
BH 21 @ 7'	3/5/2021	0.625	17.9	24.4	43.0	18.1	61.1	**104.025**	3,110	15,800	2,190	**21,100**	**1,370**
BH 21 @ 9'	5/5/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	289
BH 22 @ 3'	3/5/2021	ND	2.15	5.42	18.6	5.16	23.76	31.33	999	4,780	697	**6,476**	293
BH 22 @ 9'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Side Wall Sample Results													
North Side Wall													
NEP @ 18"	3/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	250	68.2	**318.2**	69.6
NEP @ 2.5'	5/5/2021	-	-	-	-	-	-	-	ND	51.7	ND	51.7	-
NWP @ 30"	3/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	266	52.8	**318.8**	35.6
NWP @ 2'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
NW @ 2'	3/5/2021	ND	0.00419	ND	ND	ND	ND	0.00419	ND	265	52.9	**317.9**	45.3
NW @ 2'	5/5/2021	-	-	-	-	-	-	-	ND	45.0	ND	45.0	-
NWT-#2 @ 30"	3/5/2021	ND	0.00234	ND	ND	ND	ND	0.00234	ND	ND	ND	ND	6.28

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
CONFIRMATION SAMPLE RESULTS
CENTENNIAL RESOURCE DEVELOPMENT, INC.

AIRSTREAM 501H JET PUMP
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B						METHOD: SW 8015M					E 300.0
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
Limits		**10 mg/Kg**						**50 mg/Kg**				**100 mg/Kg**	**600 mg/Kg**
South Side Wall													
SWP @ 2'	3/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	56.7	ND	56.7	20.5
SWA @ 1'	3/5/2021	ND	ND	ND	ND	ND	ND	ND	ND	400	62.2	**462.2**	74.2
SWA @ 3'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Side Wall													
WWP @ 18"	3/3/2021	0.00110	0.00464	0.00108	ND	0.00101	0.00101	0.00783	ND	518	106	**624**	3.51
WWP @ 3'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
WWT-#2 @ 2'	3/5/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.53
WWT-#3 @ 3'	3/5/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.25
WWT-#4 @ 6"	3/5/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WWT-#5 @ 2'	3/5/2021	0.00319	0.00633	ND	ND	ND	ND	0.00952	ND	ND	ND	ND	ND
WWT-#6 @ 18"	3/5/2021	0.00276	0.00697	ND	ND	0.00128	0.00128	0.01101	ND	ND	ND	ND	ND
WWT-#7 @ 2'	3/5/2021	0.00107	0.00679	0.00163	0.00359	0.00205	0.00564	0.01513	ND	ND	ND	ND	ND
East Side Wall													
EWT-#1 @ 3'	3/5/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EWT-#2 @ 2'	3/5/2021	ND	ND	ND	ND	ND	ND	ND	ND	228	42.3	**270.3**	3.05
EWT-#2 @ 2.5'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
EWT-#3 @ 3'	3/5/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EWT-#4 @ 18"	3/5/2021	ND	0.00267	ND	ND	ND	ND	0.00267	ND	ND	ND	ND	ND
EWT-#5 @ 2'	3/5/2021	ND	0.00205	ND	ND	ND	ND	0.00205	ND	ND	ND	ND	ND
EWT-#6 @ 18"	3/5/2021	ND	0.00262	0.00130	ND	ND	ND	0.00392	ND	ND	ND	ND	ND
EWT-#7 @ 2'	3/5/2021	ND	0.00281	ND	ND	ND	ND	0.00281	ND	ND	ND	ND	ND

Bold and yellow highlighted indicates analyte above NMOCD Regulatory Limit. **"ND" denotes analyte not detected above laboratory method detection limit.** **"-" denotes analyte not analyzed.**

TABLE 2

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
LANDOWNER CONFIRMATION SPLIT SAMPLE RESULTS
CENTENNIAL RESOURCE DEVELOPMENT, INC.

AIRSTREAM 501H JET PUMP
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B						METHOD: SW 8015M					E 300.0
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C_6-C_{10}	TPH DRO C_{10}-C_{28}	TPH ORO C_{28}-C_{36}	TOTAL TPH C_6-C_{36}	CHLORIDE
Limits		**10 mg/Kg**						**50 mg/Kg**				**100 mg/Kg**	**600 mg/Kg**
Landowner Sample Results													
BH-3	6/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.89	4.89	48.3
BH-3	6/3/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	80.0
BH-5	6/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.04	6.04	45.0
BH-5	6/3/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	80.0
BH-10	6/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180
BH-10	6/3/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	192
BH-12	6/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	5.77	9.38	15.15	222
BH-12	6/3/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	160
BH-21	6/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	32.7	22.7	55.4	39.2
BH-21	6/3/2021	-	-	-	-	-	-	-	ND	274	51.9	**325.9**	224
BH-21	6/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH-22	6/3/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH-22	6/3/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	48.0

Bold and yellow highlighted indicates analyte above NMOCD Regulatory Limit. **"ND" denotes analyte not detected above laboratory method detection limit.** **"-" denotes analyte not analyzed.**
Gray shading denotes landowner sample results. **Bold with yellow/gray highlight indicates analyte above NMOCD Regulatory Limit for landowner sample results.**

Project Name: *Airstream 501H Jet Pump*
Project No: *13617*

Photographic Documentation

Photo No: **1.**	
Direction Taken: West	
Description: View of the release area.	

Photo No: **2.**	
Direction Taken: Northeast	
Description: View of the release area.	

Project Name: *Airstream 501H Jet Pump*
Project No: *13617*

Photographic Documentation

Photo No: **3.**	
Direction Taken: Southwest	
Description: View of the release area.	

Photo No: **4.**	
Direction Taken: North	
Description: View of the release area.	

Project Name: *Airstream 501H Jet Pump*
Project No: *13617*

Photographic Documentation

Photo No: **5.**	
Direction Taken: West	
Description: View of remediation activities.	

Photo No: **6.**	
Direction Taken: South	
Description: View of remediation activities.	

Project Name: *Airstream 501H Jet Pump*
Project No: *13617*

Photographic Documentation

Photo No: **7.**	
Direction Taken: Northeast	
Description: View of remediation activities.	

Photo No: **8.**	
Direction Taken: South	
Description: View of remediation activities.	

Project Name: *Airstream 501H Jet Pump*
Project No: *13617*

Photographic Documentation

Photo No: **9.**	
Direction Taken: North	
Description: View of remediation activities.	

Photo No: **10.**	
Direction Taken: North	
Description: View of the remediation activities.	

Project Name: *Airstream 501H Jet Pump*
Project No: *13617*

Photographic Documentation

Photo No: **11.**	
Direction Taken: Northwest	
Description: View of the backfilled area.	

Photo No: **12.**	
Direction Taken: Northeast	
Description: View of the backfilled area.	

Project Name: *Airstream 501H Jet Pump*
Project No: *13617*

Photographic Documentation

Photo No: **13.**	
Direction Taken: North	
Description: View of the backfilled area.	

Photo No: **14.**	
Direction Taken: South	
Description: View of the backfilled area.	

PBELAB

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

SAMPLED: 02/24/21 to 03/05/21
RECEIVED: 03-09-202
REPORTED: 03/22/21 14:17

LAB #			1C09014-01	1C09014-02	1C09014-03	1C09014-04	1C09014-05	1C09014-06
MATRIX		Minimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID		Reporting Limit	BH 1 @ 3'	BH 2 @ 3'	BH 3 @ 3'	BH 4 @ 42"	BH 5 @ 42"	BH 6 @ 4'
BTEX by 8021B (Soil)								
Benzene	0.00100	mg/kg dry	<0.00118	<0.00116	<0.00106	<0.00119	<0.00106	<0.00106
Toluene	0.00100	mg/kg dry	<0.00118	<0.00116	<0.00106	<0.00119	0.00137	0.00164
Ethylbenzene	0.00100	mg/kg dry	<0.00118	<0.00116	<0.00106	<0.00119	0.00124	<0.00106
Xylene (p/m)	0.00200	mg/kg dry	<0.00235	<0.00233	<0.00213	<0.00238	0.00795	<0.00213
Xylene (o)	0.00100	mg/kg dry	<0.00118	<0.00116	<0.00106	<0.00119	0.00402	<0.00106
1,4-Difluorobenzene	120	[surr]	95.0%	98.7%	99.3%	98.1%	97.8%	98.9%
4-Bromofluorobenzene	120	[surr]	93.4%	101%	96.3%	96.5%	87.9%	92.9%
General Chemistry Parameters by EPA / Standard Methods (Soil)								
Chloride	1.00	mg/kg dry	222	311	162	25.9	3.27	32.0
% Moisture	0.1	%	15.0	14.0	6.0	16.0	6.0	6.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<29.4	<29.1	<26.6	<29.8	80.5	<26.6
>C12-C28	25.0	mg/kg dry	63.6	<29.1	1020	160	1110	658
>C28-C35	25.0	mg/kg dry	<29.4	<29.1	211	45.5	182	118
1-Chlorooctane	130	[surr]	106%	113%	101%	103%	107%	112%
o-Terphenyl	130	[surr]	116%	123%	113%	111%	115%	120%
Total Petroleum Hydrocarbon C6-C35	26.6	mg/kg dry	-	-	1230	-	1370	777
Total Petroleum Hydrocarbon C6-C35	29.1	mg/kg dry	-	<29.1	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	29.4	mg/kg dry	63.6	-	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	29.8	mg/kg dry	-	-	-	206	-	-

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

SAMPLED: 02/24/21 to 03/05/21
RECEIVED: 03-09-202
REPORTED: 03/22/21 14:17

LAB #			1C09014-07	1C09014-08	1C09014-09	1C09014-10	1C09014-11	1C09014-12
MATRIX		Minimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID		Reporting Limit	BH 7 @ 54"	BH 8 @ 7'	BH 9 @ 42"	BH 10 @ 3'	BH 11 @ 30"	BH 12 @ 18"
BTEX by 8021B (Soil)								
Benzene	0.00100	mg/kg dry	<0.00114	<0.00108	<0.00106	<0.00109	<0.00104	0.00128
Toluene	0.00100	mg/kg dry	<0.00114	<0.00108	0.00985	0.00166	0.00254	0.00383
Ethylbenzene	0.00100	mg/kg dry	<0.00114	<0.00108	0.00248	<0.00109	<0.00104	0.00517
Xylene (p/m)	0.00200	mg/kg dry	<0.00227	<0.00215	0.00514	<0.00217	<0.00208	0.0335
Xylene (o)	0.00100	mg/kg dry	<0.00114	<0.00108	0.00148	<0.00109	<0.00104	0.0131
1,4-Difluorobenzene	120	[surr]	97.5%	97.4%	99.2%	98.4%	100%	101%
4-Bromofluorobenzene	120	[surr]	95.5%	98.0%	99.8%	94.2%	98.2%	77.9%
General Chemistry Parameters by EPA / Standard Methods (Soil)								
Chloride	1.00	mg/kg dry	271	11.9	14.2	250	27.0	64.4
% Moisture	0.1	%	12.0	7.0	6.0	8.0	4.0	5.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<28.4	<26.9	<26.6	<27.2	<26.0	125
>C12-C28	25.0	mg/kg dry	155	51.5	324	147	165	1410
>C28-C35	25.0	mg/kg dry	<28.4	<26.9	43.2	27.5	<26.0	202
1-Chlorooctane	130	[surr]	117%	111%	113%	108%	108%	117%
o-Terphenyl	130	[surr]	128%	122%	122%	115%	119%	134% [5]
Total Petroleum Hydrocarbon C6-C35	26.3	mg/kg dry	-	-	-	-	-	1740
Total Petroleum Hydrocarbon C6-C35	26.6	mg/kg dry	-	-	368	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.9	mg/kg dry	-	51.5	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	27.2	mg/kg dry	-	-	-	175	-	-
Total Petroleum Hydrocarbon C6-C35	28.4	mg/kg dry	155	-	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.0	mg/kg dry	-	-	-	-	165	-

Permian Basin Environmental Lab, L.P.

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SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.
13000 West County Road 100
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Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

SAMPLED: 02/24/21 to 03/05/21
RECEIVED: 03-09-202
REPORTED: 03/22/21 14:17

LAB #			1C09014-13	1C09014-14	1C09014-15	1C09014-16	1C09014-17	1C09014-18
MATRIX	Minimum		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Reporting Limit		BH 13 @ 2'	BH 14 @ 3'	BH 15 @ 30''	BH 16 @ 3'	BH 17 @ 42''	BH 18 @ 42''
BTEX by 8021B (Soil)								
Benzene	0.00100	mg/kg dry	<0.00102	<0.00102	<0.00102	<0.00103	<0.00103	0.00279
Toluene	0.00100	mg/kg dry	0.00244	0.00476	0.00309	0.00145	0.00261	0.0292
Ethylbenzene	0.00100	mg/kg dry	0.00108	0.00212	<0.00102	<0.00103	<0.00103	0.00708
Xylene (p/m)	0.00200	mg/kg dry	0.00213	0.00498	0.00217	<0.00206	<0.00206	0.0167
Xylene (o)	0.00100	mg/kg dry	0.0759	0.00192	<0.00102	<0.00103	<0.00103	0.00788
1,4-Difluorobenzene	120	[surr]	99.3%	100%	97.9%	97.5%	96.8%	102%
4-Bromofluorobenzene	120	[surr]	94.3%	103%	103%	102%	99.5%	92.4%
General Chemistry Parameters by EPA / Standard Methods (Soil)								
Chloride	1.00	mg/kg dry	1.37	13.3	1.41	2.75	29.9	9.31
% Moisture	0.1	%	2.0	2.0	2.0	3.0	3.0	3.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<25.5	<25.5	<25.5	<25.8	<25.8	<25.8
>C12-C28	25.0	mg/kg dry	50.4	101	88.1	39.4	60.9	172
>C28-C35	25.0	mg/kg dry	<25.5	<25.5	<25.5	<25.8	<25.8	<25.8
1-Chlorooctane	130	[surr]	109%	102%	104%	101%	98.2%	98.1%
o-Terphenyl	130	[surr]	120%	112%	116%	112%	110%	109%
Total Petroleum Hydrocarbon C6-C35	25.5	mg/kg dry	50.4	101	88.1	-	-	-
Total Petroleum Hydrocarbon C6-C35	25.8	mg/kg dry	-	-	-	39.4	60.9	172

Permian Basin Environmental Lab, L.P.

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Technical Director

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SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

SAMPLED: 02/24/21 to 03/05/21
RECEIVED: 03-09-202
REPORTED: 03/22/21 14:17

LAB #		1C09014-19	1C09014-20	1C09014-21	1C09014-22	1C09014-23	1C09014-24
MATRIX	Minimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Reporting Limit	BH 19 @ 42''	BH 20 @ 3'	BH 21 @ 7'	BH 22 @ 3'	NEP @ 18''	NWP @ 30''
BTEX by 8021B (Soil)							
Benzene	0.00100 mg/kg dry	0.00211	<0.00103	0.625	<0.0215	<0.00104	<0.00102
Toluene	0.00100 mg/kg dry	0.0192	0.00820	17.9	2.15	<0.00104	<0.00102
Ethylbenzene	0.00100 mg/kg dry	0.00922	0.00379	24.4	5.42	<0.00104	<0.00102
Xylene (p/m)	0.00200 mg/kg dry	0.0104	0.00788	43.0	18.6	<0.00208	<0.00204
Xylene (o)	0.00100 mg/kg dry	0.0123	0.00654	18.1	5.16	<0.00104	<0.00102
1,4-Difluorobenzene	120 [surr]	98.7%	97.7%	94.9%	87.1%	105%	85.1%
4-Bromofluorobenzene	120 [surr]	87.7%	95.3%	65.2% [5]	59.0% [5]	87.1%	73.6% [5]
General Chemistry Parameters by EPA / Standard Methods (Soil)							
Chloride	1.00 mg/kg dry	9.03	8.39	1370	293	69.6	35.6
% Moisture	0.1 %	3.0	3.0	5.0	7.0	4.0	2.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)							
C6-C12	25.0 mg/kg dry	<25.8	<25.8	3110	999	<26.0	<25.5
>C12-C28	25.0 mg/kg dry	420	72.5	15800	4780	250	266
>C28-C35	25.0 mg/kg dry	69.0	<25.8	2190	697	68.2	52.8
1-Chlorooctane	130 [surr]	100%	99.8%	122%	96.3%	90.6%	97.4%
o-Terphenyl	130 [surr]	111%	110%	124%	101%	96.3%	103%
Total Petroleum Hydrocarbon C6-C35	26.9 mg/kg dry	-	-	-	6470	-	-
Total Petroleum Hydrocarbon C6-C35	132 mg/kg dry	-	-	21100	-	-	-
Total Petroleum Hydrocarbon C6-C35	25.5 mg/kg dry	-	-	-	-	-	318
Total Petroleum Hydrocarbon C6-C35	25.8 mg/kg dry	489	72.5	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.0 mg/kg dry	-	-	-	-	318	-

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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PBELAB

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

SAMPLED: 02/24/21 to 03/05/21
RECEIVED: 03-09-202
REPORTED: 03/22/21 14:17

LAB #			1C09014-25	1C09014-26	1C09014-27	1C09014-28	1C09014-29	1C09014-30
MATRIX	Minimum		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Reporting Limit		NW @ 2'	NWT- #2 @ 30"	EWT- #1 @ 3'	EWT- #2 @ 2'	EWT- #3 @ 3'	EWT- #4 @ 18"
BTEX by 8021B (Soil)								
Benzene	0.00100	mg/kg dry	<0.00110	<0.00100	<0.00102	<0.00105	<0.00102	<0.00101
Toluene	0.00100	mg/kg dry	0.00419	0.00234	<0.00102	<0.00105	<0.00102	0.00267
Ethylbenzene	0.00100	mg/kg dry	<0.00110	<0.00100	<0.00102	<0.00105	<0.00102	<0.00101
Xylene (p/m)	0.00200	mg/kg dry	<0.00220	<0.00200	<0.00204	<0.00211	<0.00204	<0.00202
Xylene (o)	0.00100	mg/kg dry	<0.00110	<0.00100	<0.00102	<0.00105	<0.00102	<0.00101
1,4-Difluorobenzene	120	[surr]	91.4%	94.1%	83.7%	83.9%	87.5%	89.3%
4-Bromofluorobenzene	120	[surr]	70.8% [5]	71.7% [5]	53.4% [5]	54.3% [5]	51.8% [5]	50.9% [5]
General Chemistry Parameters by EPA / Standard Methods (Soil)								
Chloride	1.00	mg/kg dry	45.3	6.28	<1.02	3.05	<1.02	<1.01
% Moisture	0.1	%	9.0	<0.1	2.0	5.0	2.0	1.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<27.5	<25.0	<25.5	<26.3	<25.5	<25.3
Total Petroleum Hydrocarbon C6-C35	26.3	mg/kg dry	-	-	-	270	-	-
Total Petroleum Hydrocarbon C6-C35	27.5	mg/kg dry	317	-	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	25.0	mg/kg dry	-	<25.0	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	25.3	mg/kg dry	-	-	-	-	-	<25.3
Total Petroleum Hydrocarbon C6-C35	25.5	mg/kg dry	-	-	<25.5	-	<25.5	-
>C12-C28	25.0	mg/kg dry	265	<25.0	<25.5	228	<25.5	<25.3
>C28-C35	25.0	mg/kg dry	52.9	<25.0	<25.5	42.3	<25.5	<25.3
1-Chlorooctane	130	[surr]	95.0%	91.1%	90.5%	99.8%	103%	100%
o-Terphenyl	130	[surr]	102%	95.4%	101%	107%	111%	107%

Permian Basin Environmental Lab, L.P.

Brent Barron

Sara Gotcher For Brent Barron
Technical Director

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1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

SAMPLED: 02/24/21 to 03/05/21
RECEIVED: 03-09-202
REPORTED: 03/22/21 14:17

LAB #			1C09014-31	1C09014-32	1C09014-33	1C09014-34	1C09014-35	1C09014-36
MATRIX		Minimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID		Reporting Limit	EWT-#5 @ 2'	EWT- #6 @ 18"	EWT- #7 @ 2'	SWP @ 2'	SWA @ 1'	WWP @ 18"
BTEX by 8021B (Soil)								
Benzene	0.00100	mg/kg dry	<0.00102	<0.00104	<0.00103	<0.00102	<0.00104	0.00110
Toluene	0.00100	mg/kg dry	0.00205	0.00262	0.00281	<0.00102	<0.00104	0.00464
Ethylbenzene	0.00100	mg/kg dry	<0.00102	0.00130	<0.00103	<0.00102	<0.00104	0.00108
Xylene (p/m)	0.00200	mg/kg dry	<0.00204	<0.00208	<0.00206	<0.00204	<0.00208	<0.00202
Xylene (o)	0.00100	mg/kg dry	<0.00102	<0.00104	<0.00103	<0.00102	<0.00104	0.00101
1,4-Difluorobenzene	120	[surr]	85.3%	83.4%	83.8%	84.9%	85.6%	84.7%
4-Bromofluorobenzene	120	[surr]	49.3% [5]	48.1% [5]	50.6% [5]	48.9% [5]	52.2% [5]	61.0% [5]
General Chemistry Parameters by EPA / Standard Methods (Soil)								
Chloride	1.00	mg/kg dry	<1.02	<1.04	<1.03	20.5	74.2	3.51
% Moisture	0.1	%	2.0	4.0	3.0	2.0	4.0	1.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<25.5	<26.0	<25.8	<25.5	<26.0	<25.3
Total Petroleum Hydrocarbon C6-C35	25.3	mg/kg dry	-	-	-	-	-	625
Total Petroleum Hydrocarbon C6-C35	25.5	mg/kg dry	<25.5	-	-	56.7	-	-
Total Petroleum Hydrocarbon C6-C35	25.8	mg/kg dry	-	-	<25.8	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.0	mg/kg dry	-	<26.0	-	-	462	-
>C12-C28	25.0	mg/kg dry	<25.5	<26.0	<25.8	56.7	400	518
>C28-C35	25.0	mg/kg dry	<25.5	<26.0	<25.8	<25.5	62.2	106
1-Chlorooctane	130	[surr]	101%	98.7%	101%	102%	101%	96.9%
o-Terphenyl	130	[surr]	111%	109%	110%	110%	109%	102%

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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PBELAB

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SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

SAMPLED: 02/24/21 to 03/05/21
RECEIVED: 03-09-202
REPORTED: 03/22/21 14:17

LAB #		1C09014-37	1C09014-38	1C09014-39	1C09014-40	1C09014-41	1C09014-42
MATRIX	Minimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Reporting Limit	WWT- #2 @ 2'	WWT- #3 @ 3'	WWT- #4 @ 6''	WWT-#5 @ 2'	WWT- #6 @ 18''	WWT- #7 @ 2'
BTEX by 8021B (Soil)							
Benzene	0.00100 mg/kg dry	<0.00101	<0.00101	<0.00101	0.00319	0.00276	0.00107
Toluene	0.00100 mg/kg dry	<0.00101	<0.00101	<0.00101	0.00633	0.00697	0.00679
Ethylbenzene	0.00100 mg/kg dry	<0.00101	<0.00101	<0.00101	<0.00101	<0.00103	0.00163
Xylene (p/m)	0.00200 mg/kg dry	<0.00202	<0.00202	<0.00202	<0.00202	<0.00206	0.00359
Xylene (o)	0.00100 mg/kg dry	<0.00101	<0.00101	<0.00101	<0.00101	0.00128	0.00205
1,4-Difluorobenzene	120 [surr]	80.7%	84.5%	82.2%	85.6%	88.0%	87.3%
4-Bromofluorobenzene	120 [surr]	52.0% [5]	46.8% [5]	33.8% [5]	34.8% [5]	33.3% [5]	33.2% [5]
General Chemistry Parameters by EPA / Standard Methods (Soil)							
Chloride	1.00 mg/kg dry	1.53	3.25	<1.01	<1.01	<1.03	<1.03
% Moisture	0.1 %	1.0	1.0	1.0	1.0	3.0	3.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)							
C6-C12	25.0 mg/kg dry	<25.3	<25.3	<25.3	<25.3	<25.8	<25.8
Total Petroleum Hydrocarbon C6-C35	25.3 mg/kg dry	<25.3	<25.3	<25.3	<25.3	-	-
Total Petroleum Hydrocarbon C6-C35	25.8 mg/kg dry	-	-	-	-	<25.8	<25.8
>C12-C28	25.0 mg/kg dry	<25.3	<25.3	<25.3	<25.3	<25.8	<25.8
>C28-C35	25.0 mg/kg dry	<25.3	<25.3	<25.3	<25.3	<25.8	<25.8
1-Chlorooctane	130 [surr]	101%	103%	103%	105%	97.0%	105%
o-Terphenyl	130 [surr]	107%	112%	110%	113%	106%	114%

Special Notes

1 = Samples received in Bulk soil containers
2 = The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
3 = The RPD exceeded the acceptance limit due to sample matrix effects.
4 = Received on Ice
5 = Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Matt Green

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Airstream 501-H Jet Pump

Project Number: 13617

Location: Lea County, NM

Lab Order Number: 1C09014

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 03/22/21

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH 1 @ 3'	1C09014-01	Soil	02/24/21 08:16	03-09-2021 16:09
BH 2 @ 3'	1C09014-02	Soil	02/24/21 08:19	03-09-2021 16:09
BH 3 @ 3'	1C09014-03	Soil	02/24/21 08:22	03-09-2021 16:09
BH 4 @ 42"	1C09014-04	Soil	02/24/21 08:27	03-09-2021 16:09
BH 5 @ 42"	1C09014-05	Soil	03/01/21 08:00	03-09-2021 16:09
BH 6 @ 4'	1C09014-06	Soil	03/01/21 08:06	03-09-2021 16:09
BH 7 @ 54"	1C09014-07	Soil	03/01/21 08:10	03-09-2021 16:09
BH 8 @ 7'	1C09014-08	Soil	03/01/21 08:13	03-09-2021 16:09
BH 9 @ 42"	1C09014-09	Soil	03/01/21 08:17	03-09-2021 16:09
BH 10 @ 3'	1C09014-10	Soil	03/01/21 08:22	03-09-2021 16:09
BH 11 @ 30"	1C09014-11	Soil	03/01/21 08:25	03-09-2021 16:09
BH 12 @ 18"	1C09014-12	Soil	03/01/21 08:30	03-09-2021 16:09
BH 13 @ 2'	1C09014-13	Soil	03/03/21 08:30	03-09-2021 16:09
BH 14 @ 3'	1C09014-14	Soil	03/03/21 08:36	03-09-2021 16:09
BH 15 @ 30"	1C09014-15	Soil	03/03/21 08:40	03-09-2021 16:09
BH 16 @ 3'	1C09014-16	Soil	03/03/21 08:46	03-09-2021 16:09
BH 17 @ 42"	1C09014-17	Soil	03/05/21 10:03	03-09-2021 16:09
BH 18 @ 42"	1C09014-18	Soil	03/05/21 10:09	03-09-2021 16:09
BH 19 @ 42"	1C09014-19	Soil	03/05/21 10:13	03-09-2021 16:09
BH 20 @ 3'	1C09014-20	Soil	03/05/21 10:17	03-09-2021 16:09
BH 21 @ 7'	1C09014-21	Soil	03/05/21 10:20	03-09-2021 16:09
BH 22 @ 3'	1C09014-22	Soil	03/05/21 10:23	03-09-2021 16:09
NEP @ 18"	1C09014-23	Soil	03/03/21 08:55	03-09-2021 16:09
NWP @ 30"	1C09014-24	Soil	03/03/21 09:00	03-09-2021 16:09
NW @ 2'	1C09014-25	Soil	03/05/21 13:40	03-09-2021 16:09
NWT- #2 @ 30"	1C09014-26	Soil	03/05/21 10:23	03-09-2021 16:09
EWT- #1 @ 3'	1C09014-27	Soil	03/05/21 10:33	03-09-2021 16:09
EWT- #2 @ 2'	1C09014-28	Soil	03/05/21 10:37	03-09-2021 16:09
EWT- #3 @ 3'	1C09014-29	Soil	03/05/21 10:37	03-09-2021 16:09
EWT- #4 @ 18"	1C09014-30	Soil	03/05/21 10:42	03-09-2021 16:09
EWT-#5 @ 2'	1C09014-31	Soil	03/05/21 10:46	03-09-2021 16:09
EWT- #6 @ 18"	1C09014-32	Soil	03/05/21 10:49	03-09-2021 16:09
EWT- #7 @ 2'	1C09014-33	Soil	03/05/21 10:53	03-09-2021 16:09
SWP @ 2'	1C09014-34	Soil	03/03/21 08:50	03-09-2021 16:09

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SWA @ 1'	1C09014-35	Soil	03/05/21 13:38	03-09-2021 16:09
WWP @ 18"	1C09014-36	Soil	03/03/21 09:08	03-09-2021 16:09
WWT- #2 @ 2'	1C09014-37	Soil	03/05/21 10:26	03-09-2021 16:09
WWT- #3 @ 3'	1C09014-38	Soil	03/05/21 10:29	03-09-2021 16:09
WWT- #4 @ 6"	1C09014-39	Soil	03/05/21 10:35	03-09-2021 16:09
WWT-#5 @ 2'	1C09014-40	Soil	03/05/21 10:58	03-09-2021 16:09
WWT- #6 @ 18"	1C09014-41	Soil	03/05/21 11:04	03-09-2021 16:09
WWT- #7 @ 2'	1C09014-42	Soil	03/05/21 11:10	03-09-2021 16:09

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

BH 1 @ 3'

1C09014-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00118	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Toluene	ND	0.00118	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Ethylbenzene	ND	0.00118	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Xylene (p/m)	ND	0.00235	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Xylene (o)	ND	0.00118	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.4 %*	*80-120*		*P1C0814*	*03/10/21*	*03/10/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.0 %*	*80-120*		*P1C0814*	*03/10/21*	*03/10/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**222**	1.18	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**15.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.4	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C12-C28	**63.6**	29.4	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C28-C35	ND	29.4	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**63.6**	29.4	mg/kg dry	1	[CALC]	03/10/21	03/10/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 2 @ 3'

1C09014-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00116	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P1C0814*	*03/10/21*	*03/10/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*80-120*		*P1C0814*	*03/10/21*	*03/10/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**311**	1.16	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	03/10/21	03/10/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 3 @ 3'

1C09014-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*80-120*		*P1C0814*	*03/10/21*	*03/10/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*80-120*		*P1C0814*	*03/10/21*	*03/10/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**162**	1.06	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C12-C28	**1020**	26.6	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C28-C35	**211**	26.6	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1230**	26.6	mg/kg dry	1	[CALC]	03/10/21	03/10/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 4 @ 42''

1C09014-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00119	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Toluene	ND	0.00119	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Ethylbenzene	ND	0.00119	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Xylene (p/m)	ND	0.00238	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Xylene (o)	ND	0.00119	mg/kg dry	1	P1C0814	03/10/21	03/10/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*80-120*		*P1C0814*	*03/10/21*	*03/10/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.1 %*	*80-120*		*P1C0814*	*03/10/21*	*03/10/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**25.9**	1.19	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C12-C28	**160**	29.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C28-C35	**45.5**	29.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**206**	29.8	mg/kg dry	1	[CALC]	03/10/21	03/10/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 5 @ 42''

1C09014-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00137**	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	**0.00124**	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	**0.00795**	0.00213	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	**0.00402**	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.8 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*87.9 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.27**	1.06	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**80.5**	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**1110**	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**182**	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1370**	26.6	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 6 @ 4'

1C09014-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00164**	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**32.0**	1.06	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**658**	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**118**	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**777**	26.6	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 7 @ 54"

1C09014-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00114	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**271**	5.68	mg/kg dry	5	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**155**	28.4	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*117 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*128 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**155**	28.4	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 8 @ 7'

1C09014-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.9**	1.08	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**51.5**	26.9	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*122 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**51.5**	26.9	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 9 @ 42''

1C09014-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00985**	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	**0.00248**	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	**0.00514**	0.00213	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	**0.00148**	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.2**	1.06	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**324**	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**43.2**	26.6	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*122 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**368**	26.6	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 10 @ 3'

1C09014-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00166**	0.00109	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**250**	1.09	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**147**	27.2	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**27.5**	27.2	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**175**	27.2	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 11 @ 30"

1C09014-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00254**	0.00104	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**27.0**	1.04	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**165**	26.0	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**165**	26.0	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 12 @ 18"

1C09014-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00128**	0.00105	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00383**	0.00105	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	**0.00517**	0.00105	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	**0.0335**	0.00211	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	**0.0131**	0.00105	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.9 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**64.4**	1.05	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**125**	26.3	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**1410**	26.3	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**202**	26.3	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*117 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*134 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**1740**	26.3	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 13 @ 2'

1C09014-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00244**	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	**0.00108**	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	**0.00213**	0.00204	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	**0.0759**	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.37**	1.02	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**50.4**	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**50.4**	25.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

BH 14 @ 3'

1C09014-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00476**	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	**0.00212**	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	**0.00498**	0.00204	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	**0.00192**	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.3**	1.02	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**101**	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**101**	25.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

BH 15 @ 30''

1C09014-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00309**	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	**0.00217**	0.00204	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.9 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.41**	1.02	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**88.1**	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**88.1**	25.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 16 @ 3'

1C09014-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00145**	0.00103	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.75**	1.03	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**39.4**	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**39.4**	25.8	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 17 @ 42"

1C09014-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	**0.00261**	0.00103	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*80-120*		*P1C1103*	*03/11/21*	*03/11/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**29.9**	1.03	mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**60.9**	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.2 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**60.9**	25.8	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

BH 18 @ 42"

1C09014-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00279**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Toluene	**0.0292**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Ethylbenzene	**0.00708**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Xylene (p/m)	**0.0167**	0.00206	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Xylene (o)	**0.00788**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.4 %*	*80-120*		*P1C1110*	*03/11/21*	*03/12/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P1C1110*	*03/11/21*	*03/12/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.31**	1.03	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**172**	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.1 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**172**	25.8	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 19 @ 42"

1C09014-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00211**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Toluene	**0.0192**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Ethylbenzene	**0.00922**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Xylene (p/m)	**0.0104**	0.00206	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Xylene (o)	**0.0123**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*80-120*		*P1C1110*	*03/11/21*	*03/12/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*87.7 %*	*80-120*		*P1C1110*	*03/11/21*	*03/12/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.03**	1.03	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**420**	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**69.0**	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**489**	25.8	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 20 @ 3'

1C09014-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Toluene	**0.00820**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Ethylbenzene	**0.00379**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Xylene (p/m)	**0.00788**	0.00206	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Xylene (o)	**0.00654**	0.00103	mg/kg dry	1	P1C1110	03/11/21	03/12/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.7 %*	*80-120*		*P1C1110*	*03/11/21*	*03/12/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*80-120*		*P1C1110*	*03/11/21*	*03/12/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.39**	1.03	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**72.5**	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.8 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P1C1008*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**72.5**	25.8	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 21 @ 7'

1C09014-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.625**	0.105	mg/kg dry	100	P1C1110	03/11/21	03/12/21	EPA 8021B	
Toluene	**17.9**	0.105	mg/kg dry	100	P1C1110	03/11/21	03/12/21	EPA 8021B	
Ethylbenzene	**24.4**	0.105	mg/kg dry	100	P1C1110	03/11/21	03/12/21	EPA 8021B	
Xylene (p/m)	**43.0**	0.211	mg/kg dry	100	P1C1110	03/11/21	03/12/21	EPA 8021B	
Xylene (o)	**18.1**	0.105	mg/kg dry	100	P1C1110	03/11/21	03/12/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*65.2 %*	*80-120*		*P1C1110*	*03/11/21*	*03/12/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*94.9 %*	*80-120*		*P1C1110*	*03/11/21*	*03/12/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1370**	10.5	mg/kg dry	10	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**3110**	132	mg/kg dry	5	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**15800**	132	mg/kg dry	5	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**2190**	132	mg/kg dry	5	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*122 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**21100**	132	mg/kg dry	5	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BH 22 @ 3'

1C09014-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.0215	mg/kg dry	20	P1C1511	03/15/21	03/16/21	EPA 8021B	
Toluene	**2.15**	0.108	mg/kg dry	100	P1C1511	03/15/21	03/17/21	EPA 8021B	
Ethylbenzene	**5.42**	0.108	mg/kg dry	100	P1C1511	03/15/21	03/17/21	EPA 8021B	
Xylene (p/m)	**18.6**	0.215	mg/kg dry	100	P1C1511	03/15/21	03/17/21	EPA 8021B	
Xylene (o)	**5.16**	0.108	mg/kg dry	100	P1C1511	03/15/21	03/17/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*59.0 %*	*80-120*		*P1C1511*	*03/15/21*	*03/17/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*87.1 %*	*80-120*		*P1C1511*	*03/15/21*	*03/17/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**293**	1.08	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**999**	26.9	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**4780**	26.9	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**697**	26.9	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.3 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**6470**	26.9	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

NEP @ 18"

1C09014-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.1 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**69.6**	1.04	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**250**	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**68.2**	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.3 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**318**	26.0	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

NWP @ 30"

1C09014-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*73.6 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*85.1 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**35.6**	1.02	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**266**	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**52.8**	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.4 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**318**	25.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

NW @ 2'

1C09014-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00419**	0.00110	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*70.8 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*91.4 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**45.3**	1.10	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**265**	27.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**52.9**	27.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.0 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**317**	27.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

NWT- #2 @ 30''

1C09014-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00234**	0.00100	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.1 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*71.7 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.28**	1.00	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.1 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.4 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

EWT- #1 @ 3'

1C09014-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*53.4 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*83.7 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.02	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.5 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

EWT- #2 @ 2'

1C09014-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1C1511	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*83.9 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*54.3 %*	*80-120*		*P1C1511*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.05**	1.05	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**228**	26.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**42.3**	26.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.8 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**270**	26.3	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

EWT- #3 @ 3'

1C09014-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*87.5 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*51.8 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.02	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

EWT- #4 @ 18''

1C09014-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00267**	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*89.3 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*50.9 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.01	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

EWT-#5 @ 2'

1C09014-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00205**	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*85.3 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*49.3 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.02	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

EWT- #6 @ 18''

1C09014-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00262**	0.00104	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	**0.00130**	0.00104	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*83.4 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*48.1 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.04	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.7 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

EWT- #7 @ 2'

1C09014-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00281**	0.00103	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*83.8 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*50.6 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.03	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

SWP @ 2'

1C09014-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*48.9 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*84.9 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**20.5**	1.02	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**56.7**	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**56.7**	25.5	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

SWA @ 1'

1C09014-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*85.6 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*52.2 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**74.2**	1.04	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**400**	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**62.2**	26.0	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**462**	26.0	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

WWP @ 18"

1C09014-36 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00110**	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00464**	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	**0.00108**	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	**0.00101**	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*84.7 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*61.0 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.51**	1.01	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	**518**	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	**106**	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.9 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**625**	25.3	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

WWT- #2 @ 2'

1C09014-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*52.0 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*80.7 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.53**	1.01	mg/kg dry	1	P1C1701	03/17/21	03/17/21	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

WWT- #3 @ 3'

1C09014-38 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*46.8 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*84.5 %*	*80-120*		*P1C1512*	*03/15/21*	*03/16/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.25**	1.01	mg/kg dry	1	P1C1702	03/17/21	03/18/21	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

WWT- #4 @ 6"

1C09014-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*33.8 %*	*80-120*		*P1C1513*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*82.2 %*	*80-120*		*P1C1513*	*03/15/21*	*03/16/21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.01	mg/kg dry	1	P1C1702	03/17/21	03/18/21	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

WWT-#5 @ 2'

1C09014-40 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00319**	0.00101	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00633**	0.00101	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*85.6 %*	*80-120*		*P1C1513*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*34.8 %*	*80-120*		*P1C1513*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.01	mg/kg dry	1	P1C1702	03/17/21	03/18/21	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P1C1007*	*03/10/21*	*03/11/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/21	03/11/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

WWT- #6 @ 18"

1C09014-41 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00276**	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00697**	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	**0.00128**	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*88.0 %*	*80-120*		*P1C1513*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*33.3 %*	*80-120*		*P1C1513*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.03	mg/kg dry	1	P1C1702	03/17/21	03/18/21	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.0 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/10/21	03/10/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

WWT- #7 @ 2'

1C09014-42 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00107**	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Toluene	**0.00679**	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Ethylbenzene	**0.00163**	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Xylene (p/m)	**0.00359**	0.00206	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Xylene (o)	**0.00205**	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*87.3 %*	*80-120*		*P1C1513*	*03/15/21*	*03/16/21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*33.2 %*	*80-120*		*P1C1513*	*03/15/21*	*03/16/21*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.03	mg/kg dry	1	P1C1702	03/17/21	03/18/21	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P1C1005*	*03/10/21*	*03/10/21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/10/21	03/10/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0814 - * DEFAULT PREP *** **										
Blank (P1C0814-BLK1)				Prepared: 03/08/21 Analyzed: 03/09/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*80-120*			
LCS (P1C0814-BS1)				Prepared: 03/08/21 Analyzed: 03/09/21						
Benzene	0.0818	0.00100	mg/kg wet	0.100		81.8	70-130			
Toluene	0.0936	0.00100	"	0.100		93.6	70-130			
Ethylbenzene	0.108	0.00100	"	0.100		108	70-130			
Xylene (p/m)	0.213	0.00200	"	0.200		107	70-130			
Xylene (o)	0.106	0.00100	"	0.100		106	70-130			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*98.8*	*80-120*			
LCS Dup (P1C0814-BSD1)				Prepared: 03/08/21 Analyzed: 03/09/21						
Benzene	0.0815	0.00100	mg/kg wet	0.100		81.5	70-130	0.355	20	
Toluene	0.0931	0.00100	"	0.100		93.1	70-130	0.525	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	70-130	3.80	20	
Xylene (p/m)	0.212	0.00200	"	0.200		106	70-130	0.749	20	
Xylene (o)	0.106	0.00100	"	0.100		106	70-130	0.217	20	
Surrogate: 1,4-Difluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
Calibration Check (P1C0814-CCV1)				Prepared: 03/08/21 Analyzed: 03/09/21						
Benzene	0.0814	0.00100	mg/kg wet	0.100		81.4	80-120			
Toluene	0.0931	0.00100	"	0.100		93.1	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.5*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0814 - * DEFAULT PREP *** **										
Calibration Check (P1C0814-CCV2)				Prepared: 03/08/21 Analyzed: 03/10/21						
Benzene	0.0814	0.00100	mg/kg wet	0.100		81.4	80-120			
Toluene	0.0926	0.00100	"	0.100		92.6	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*99.8*	*75-125*			
Calibration Check (P1C0814-CCV3)				Prepared: 03/08/21 Analyzed: 03/10/21						
Benzene	0.0831	0.00100	mg/kg wet	0.100		83.1	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.3*	*75-125*			
Matrix Spike (P1C0814-MS1)		**Source: 1C08009-21**		Prepared: 03/08/21 Analyzed: 03/10/21						
Benzene	0.0118	0.00115	mg/kg dry	0.115	ND	10.3	80-120			QM-07
Toluene	0.0584	0.00115	"	0.115	ND	50.9	80-120			QM-07
Ethylbenzene	0.0704	0.00115	"	0.115	ND	61.2	80-120			QM-07
Xylene (p/m)	0.0193	0.00230	"	0.230	ND	8.41	80-120			QM-07
Xylene (o)	0.0903	0.00115	"	0.115	ND	78.5	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.141*		"	*0.138*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		"	*0.138*		*98.5*	*80-120*			
Matrix Spike Dup (P1C0814-MSD1)		**Source: 1C08009-21**		Prepared: 03/08/21 Analyzed: 03/10/21						
Benzene	0.00956	0.00115	mg/kg dry	0.115	ND	8.32	80-120	21.3	20	QM-07, R3
Toluene	0.0583	0.00115	"	0.115	ND	50.7	80-120	0.256	20	QM-07
Ethylbenzene	0.0696	0.00115	"	0.115	ND	60.6	80-120	1.12	20	QM-07
Xylene (p/m)	0.0169	0.00230	"	0.230	ND	7.33	80-120	13.7	20	QM-07
Xylene (o)	0.0928	0.00115	"	0.115	ND	80.7	80-120	2.74	20	
Surrogate: 4-Bromofluorobenzene	*0.139*		"	*0.138*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.135*		"	*0.138*		*98.2*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1103 - * DEFAULT PREP *** **										
Blank (P1C1103-BLK1)				Prepared & Analyzed: 03/11/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*94.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.4*	*80-120*			
LCS (P1C1103-BS1)				Prepared & Analyzed: 03/11/21						
Benzene	0.0845	0.00100	mg/kg wet	0.100		84.5	70-130			
Toluene	0.0968	0.00100	"	0.100		96.8	70-130			
Ethylbenzene	0.112	0.00100	"	0.100		112	70-130			
Xylene (p/m)	0.232	0.00200	"	0.200		116	70-130			
Xylene (o)	0.115	0.00100	"	0.100		115	70-130			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*95.2*	*80-120*			
LCS Dup (P1C1103-BSD1)				Prepared & Analyzed: 03/11/21						
Benzene	0.0803	0.00100	mg/kg wet	0.100		80.3	70-130	5.13	20	
Toluene	0.0901	0.00100	"	0.100		90.1	70-130	7.13	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	70-130	4.43	20	
Xylene (p/m)	0.219	0.00200	"	0.200		110	70-130	5.72	20	
Xylene (o)	0.108	0.00100	"	0.100		108	70-130	6.70	20	
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*95.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*97.0*	*80-120*			
Calibration Check (P1C1103-CCV1)				Prepared & Analyzed: 03/11/21						
Benzene	0.0805	0.00100	mg/kg wet	0.100		80.5	80-120			
Toluene	0.0918	0.00100	"	0.100		91.8	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*95.3*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]
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Project Manager: Matt Green

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1103 - * DEFAULT PREP *** **										
Calibration Check (P1C1103-CCV2)				Prepared & Analyzed: 03/11/21						
Benzene	0.0810	0.00100	mg/kg wet	0.100		81.0	80-120			
Toluene	0.0990	0.00100	"	0.100		99.0	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*96.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*97.9*	*75-125*			
Calibration Check (P1C1103-CCV3)				Prepared & Analyzed: 03/11/21						
Benzene	0.0828	0.00100	mg/kg wet	0.100		82.8	80-120			
Toluene	0.0948	0.00100	"	0.100		94.8	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*96.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.6*	*75-125*			
Matrix Spike (P1C1103-MS1)		**Source: 1C09014-05**		Prepared & Analyzed: 03/11/21						
Benzene	0.0644	0.00106	mg/kg dry	0.106	0.000574	60.0	80-120			QM-07
Toluene	0.0644	0.00106	"	0.106	0.00137	59.3	80-120			QM-07
Ethylbenzene	0.0732	0.00106	"	0.106	0.00124	67.7	80-120			QM-07
Xylene (p/m)	0.134	0.00213	"	0.213	0.00795	59.3	80-120			QM-07
Xylene (o)	0.0619	0.00106	"	0.106	0.00402	54.4	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.128*		*96.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.128*		*97.1*	*80-120*			
Matrix Spike Dup (P1C1103-MSD1)		**Source: 1C09014-05**		Prepared & Analyzed: 03/11/21						
Benzene	0.0754	0.00106	mg/kg dry	0.106	0.000574	70.4	80-120	15.8	20	QM-07
Toluene	0.0799	0.00106	"	0.106	0.00137	73.8	80-120	21.8	20	QM-07, R3
Ethylbenzene	0.0950	0.00106	"	0.106	0.00124	88.1	80-120	26.3	20	QM-07, R3
Xylene (p/m)	0.162	0.00213	"	0.213	0.00795	72.2	80-120	19.6	20	QM-07
Xylene (o)	0.0852	0.00106	"	0.106	0.00402	76.3	80-120	33.5	20	QM-07, R3
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.128*		*90.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.128*		*98.2*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1110 - * DEFAULT PREP *** **										
Blank (P1C1110-BLK1)				Prepared & Analyzed: 03/11/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.1*	*80-120*			
LCS (P1C1110-BS1)				Prepared & Analyzed: 03/11/21						
Benzene	0.0807	0.00100	mg/kg wet	0.100		80.7	70-130			
Toluene	0.0948	0.00100	"	0.100		94.8	70-130			
Ethylbenzene	0.107	0.00100	"	0.100		107	70-130			
Xylene (p/m)	0.219	0.00200	"	0.200		109	70-130			
Xylene (o)	0.108	0.00100	"	0.100		108	70-130			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*93.8*	*80-120*			
LCS Dup (P1C1110-BSD1)				Prepared & Analyzed: 03/11/21						
Benzene	0.0801	0.00100	mg/kg wet	0.100		80.1	70-130	0.833	20	
Toluene	0.0929	0.00100	"	0.100		92.9	70-130	2.09	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	70-130	2.12	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	70-130	0.820	20	
Xylene (o)	0.109	0.00100	"	0.100		109	70-130	1.26	20	
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*98.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.4*	*80-120*			
Calibration Check (P1C1110-CCV1)				Prepared & Analyzed: 03/11/21						
Benzene	0.0828	0.00100	mg/kg wet	0.100		82.8	80-120			
Toluene	0.0948	0.00100	"	0.100		94.8	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*96.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.6*	*75-125*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1110 - * DEFAULT PREP *** **										
Calibration Check (P1C1110-CCV2)				Prepared: 03/11/21 Analyzed: 03/12/21						
Benzene	0.0824	0.00100	mg/kg wet	0.100		82.4	80-120			
Toluene	0.0962	0.00100	"	0.100		96.2	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.9*	*75-125*			
Calibration Check (P1C1110-CCV3)				Prepared: 03/11/21 Analyzed: 03/12/21						
Benzene	0.0802	0.00100	mg/kg wet	0.100		80.2	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		110	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.7*	*75-125*			
Matrix Spike (P1C1110-MS1)		**Source: 1C11006-01**		Prepared: 03/11/21 Analyzed: 03/12/21						
Benzene	0.0735	0.00101	mg/kg dry	0.101	ND	72.8	80-120			QM-07
Toluene	0.0904	0.00101	"	0.101	0.000859	88.6	80-120			
Ethylbenzene	0.115	0.00101	"	0.101	0.000616	113	80-120			
Xylene (p/m)	0.197	0.00202	"	0.202	0.00336	95.7	80-120			
Xylene (o)	0.131	0.00101	"	0.101	0.000687	129	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.140*		"	*0.121*		*115*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.121*		*98.0*	*80-120*			
Matrix Spike Dup (P1C1110-MSD1)		**Source: 1C11006-01**		Prepared: 03/11/21 Analyzed: 03/12/21						
Benzene	0.0738	0.00101	mg/kg dry	0.101	ND	73.1	80-120	0.370	20	QM-07
Toluene	0.0910	0.00101	"	0.101	0.000859	89.3	80-120	0.731	20	
Ethylbenzene	0.115	0.00101	"	0.101	0.000616	113	80-120	0.362	20	
Xylene (p/m)	0.192	0.00202	"	0.202	0.00336	93.4	80-120	2.37	20	
Xylene (o)	0.107	0.00101	"	0.101	0.000687	105	80-120	20.3	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.121*		*98.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.121*		*90.1*	*80-120*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1511 - * DEFAULT PREP *** **										
Blank (P1C1511-BLK1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.0994*		"	*0.120*		*82.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0909*		"	*0.120*		*75.8*	*80-120*			*S-GC*
LCS (P1C1511-BS1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.114	0.00100	mg/kg wet	0.100		114	70-130			
Toluene	0.0857	0.00100	"	0.100		85.7	70-130			
Ethylbenzene	0.0869	0.00100	"	0.100		86.9	70-130			
Xylene (p/m)	0.171	0.00200	"	0.200		85.4	70-130			
Xylene (o)	0.0848	0.00100	"	0.100		84.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0980*		"	*0.120*		*81.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		"	*0.120*		*91.8*	*80-120*			
LCS Dup (P1C1511-BSD1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.111	0.00100	mg/kg wet	0.100		111	70-130	2.64	20	
Toluene	0.0864	0.00100	"	0.100		86.4	70-130	0.837	20	
Ethylbenzene	0.0870	0.00100	"	0.100		87.0	70-130	0.0230	20	
Xylene (p/m)	0.170	0.00200	"	0.200		85.2	70-130	0.229	20	
Xylene (o)	0.0806	0.00100	"	0.100		80.6	70-130	5.15	20	
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*93.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0984*		"	*0.120*		*82.0*	*80-120*			
Calibration Blank (P1C1511-CCB1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.101*		"	*0.120*		*84.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.0985*		"	*0.120*		*82.1*	*80-120*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1511 - * DEFAULT PREP *** **										
Calibration Blank (P1C1511-CCB2)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0843*		*"*	*0.120*		*70.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*89.7*	*80-120*			
Calibration Check (P1C1511-CCV1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.0990	0.00100	mg/kg wet	0.100		99.0	80-120			
Toluene	0.0922	0.00100	"	0.100		92.2	80-120			
Ethylbenzene	0.0958	0.00100	"	0.100		95.8	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		94.8	80-120			
Xylene (o)	0.0806	0.00100	"	0.100		80.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0918*		*"*	*0.120*		*76.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.9*	*75-125*			
Calibration Check (P1C1511-CCV2)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.0866	0.00100	"	0.100		86.6	80-120			
Ethylbenzene	0.0919	0.00100	"	0.100		91.9	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.5	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.100*		*"*	*0.120*		*83.3*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Calibration Check (P1C1511-CCV3)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.0858	0.00100	"	0.100		85.8	80-120			
Ethylbenzene	0.0819	0.00100	"	0.100		81.9	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.0	80-120			
Xylene (o)	0.0810	0.00100	"	0.100		81.0	80-120			
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0731*		*"*	*0.120*		*60.9*	*75-125*			*S-GC*

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1511 - * DEFAULT PREP *** **										
Matrix Spike (P1C1511-MS1)	**Source: 1C15001-01**			Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.0764	0.00101	mg/kg dry	0.101	ND	75.6	80-120			QM-07
Toluene	0.0534	0.00101	"	0.101	ND	52.8	80-120			QM-07
Ethylbenzene	0.0453	0.00101	"	0.101	ND	44.9	80-120			QM-07
Xylene (p/m)	0.0814	0.00202	"	0.202	ND	40.3	80-120			QM-07
Xylene (o)	0.0407	0.00101	"	0.101	ND	40.3	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.121*		*92.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0701*		"	*0.121*		*57.8*	*80-120*			*S-GC*
Matrix Spike Dup (P1C1511-MSD1)	**Source: 1C15001-01**			Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.0790	0.00101	mg/kg dry	0.101	ND	78.2	80-120	3.30	20	QM-07
Toluene	0.0610	0.00101	"	0.101	ND	60.4	80-120	13.3	20	QM-07
Ethylbenzene	0.0491	0.00101	"	0.101	ND	48.6	80-120	7.98	20	QM-07
Xylene (p/m)	0.0852	0.00202	"	0.202	ND	42.2	80-120	4.60	20	QM-07
Xylene (o)	0.0423	0.00101	"	0.101	ND	41.9	80-120	3.70	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.121*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0770*		"	*0.121*		*63.5*	*80-120*			*S-GC*
Batch P1C1512 - * DEFAULT PREP *** **										
Blank (P1C1512-BLK1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0610*		"	*0.120*		*50.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.102*		"	*0.120*		*85.0*	*80-120*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1512 - * DEFAULT PREP *** **										
LCS (P1C1512-BS1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	70-130			
Toluene	0.0878	0.00100	"	0.100		87.8	70-130			
Ethylbenzene	0.0809	0.00100	"	0.100		80.9	70-130			
Xylene (p/m)	0.164	0.00200	"	0.200		81.9	70-130			
Xylene (o)	0.0819	0.00100	"	0.100		81.9	70-130			
Surrogate: 1,4-Difluorobenzene	*0.136*		"	*0.120*		*113*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0701*		"	*0.120*		*58.4*	*80-120*			*S-GC*
LCS Dup (P1C1512-BSD1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.114	0.00100	mg/kg wet	0.100		114	70-130	5.16	20	
Toluene	0.0826	0.00100	"	0.100		82.6	70-130	6.08	20	
Ethylbenzene	0.0810	0.00100	"	0.100		81.0	70-130	0.161	20	
Xylene (p/m)	0.163	0.00200	"	0.200		81.5	70-130	0.502	20	
Xylene (o)	0.0821	0.00100	"	0.100		82.1	70-130	0.207	20	
Surrogate: 4-Bromofluorobenzene	*0.0692*		"	*0.120*		*57.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.134*		"	*0.120*		*112*	*80-120*			
Calibration Check (P1C1512-CCV1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.0858	0.00100	"	0.100		85.8	80-120			
Ethylbenzene	0.0819	0.00100	"	0.100		81.9	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.0	80-120			
Xylene (o)	0.0810	0.00100	"	0.100		81.0	80-120			
Surrogate: 1,4-Difluorobenzene	*0.131*		"	*0.120*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0731*		"	*0.120*		*60.9*	*75-125*			*S-GC*
Calibration Check (P1C1512-CCV2)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120			
Toluene	0.0834	0.00100	"	0.100		83.4	80-120			
Ethylbenzene	0.0822	0.00100	"	0.100		82.2	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.1	80-120			
Xylene (o)	0.0849	0.00100	"	0.100		84.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0560*		"	*0.120*		*46.7*	*75-125*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			

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Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1512 - * DEFAULT PREP *** **										
Calibration Check (P1C1512-CCV3)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0899	0.00100	"	0.100		89.9	80-120			
Ethylbenzene	0.0826	0.00100	"	0.100		82.6	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		87.1	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0418*		"	*0.120*		*34.8*	*75-125*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.1*	*75-125*			
Matrix Spike (P1C1512-MS1)		**Source: 1C09014-29**		Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.0919	0.00102	mg/kg dry	0.102	ND	90.1	80-120			
Toluene	0.0727	0.00102	"	0.102	ND	71.3	80-120			QM-07
Ethylbenzene	0.0507	0.00102	"	0.102	ND	49.7	80-120			QM-07
Xylene (p/m)	0.0828	0.00204	"	0.204	ND	40.6	80-120			QM-07
Xylene (o)	0.0387	0.00102	"	0.102	ND	37.9	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.131*		"	*0.122*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0629*		"	*0.122*		*51.4*	*80-120*			*S-GC*
Matrix Spike Dup (P1C1512-MSD1)		**Source: 1C09014-29**		Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.0929	0.00102	mg/kg dry	0.102	ND	91.1	80-120	1.13	20	
Toluene	0.0752	0.00102	"	0.102	ND	73.7	80-120	3.31	20	QM-07
Ethylbenzene	0.0497	0.00102	"	0.102	ND	48.7	80-120	1.93	20	QM-07
Xylene (p/m)	0.0752	0.00204	"	0.204	ND	36.9	80-120	9.64	20	QM-07
Xylene (o)	0.0348	0.00102	"	0.102	ND	34.1	80-120	10.6	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.0643*		"	*0.122*		*52.5*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.122*		*108*	*80-120*			
Batch P1C1513 - * DEFAULT PREP *** **										
Blank (P1C1513-BLK1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.100*		"	*0.120*		*83.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0338*		"	*0.120*		*28.2*	*80-120*			*S-GC*

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1513 - * DEFAULT PREP *** **										
LCS (P1C1513-BS1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	70-130			
Toluene	0.0813	0.00100	"	0.100		81.3	70-130			
Ethylbenzene	0.0804	0.00100	"	0.100		80.4	70-130			
Xylene (p/m)	0.165	0.00200	"	0.200		82.7	70-130			
Xylene (o)	0.0825	0.00100	"	0.100		82.5	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0462*		*"*	*0.120*		*38.5*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			
LCS Dup (P1C1513-BSD1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	70-130	5.91	20	
Toluene	0.0833	0.00100	"	0.100		83.3	70-130	2.44	20	
Ethylbenzene	0.0811	0.00100	"	0.100		81.1	70-130	0.817	20	
Xylene (p/m)	0.165	0.00200	"	0.200		82.3	70-130	0.497	20	
Xylene (o)	0.0838	0.00100	"	0.100		83.8	70-130	1.60	20	
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0485*		*"*	*0.120*		*40.4*	*80-120*			*S-GC*
Calibration Check (P1C1513-CCV1)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120			
Toluene	0.0827	0.00100	"	0.100		82.7	80-120			
Ethylbenzene	0.0924	0.00100	"	0.100		92.4	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.1	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0463*		*"*	*0.120*		*38.6*	*75-125*			*S-GC*
Calibration Check (P1C1513-CCV2)				Prepared: 03/15/21 Analyzed: 03/16/21						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	80-120			
Toluene	0.0820	0.00100	"	0.100		82.0	80-120			
Ethylbenzene	0.0864	0.00100	"	0.100		86.4	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.4	80-120			
Xylene (o)	0.0881	0.00100	"	0.100		88.1	80-120			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0412*		*"*	*0.120*		*34.4*	*75-125*			*S-GC*

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1513 - * DEFAULT PREP *** **										
Calibration Check (P1C1513-CCV3)				Prepared: 03/15/21 Analyzed: 03/17/21						
Benzene	0.0963	0.00100	mg/kg wet	0.100		96.3	80-120			
Toluene	0.0811	0.00100	"	0.100		81.1	80-120			
Ethylbenzene	0.0828	0.00100	"	0.100		82.8	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.1	80-120			
Xylene (o)	0.0817	0.00100	"	0.100		81.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0555*		"	*0.120*		*46.3*	*75-125*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.138*		"	*0.120*		*115*	*75-125*			
Matrix Spike (P1C1513-MS1)		**Source: 1C11006-23**		Prepared: 03/15/21 Analyzed: 03/17/21						
Benzene	0.0599	0.00104	mg/kg dry	0.104	ND	57.5	80-120			QM-07
Toluene	0.0228	0.00104	"	0.104	ND	21.9	80-120			QM-07
Ethylbenzene	0.0133	0.00104	"	0.104	ND	12.8	80-120			QM-07
Xylene (p/m)	0.0191	0.00208	"	0.208	ND	9.18	80-120			QM-07
Xylene (o)	0.00882	0.00104	"	0.104	ND	8.47	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.0509*		"	*0.125*		*40.7*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.125*		*97.8*	*80-120*			
Matrix Spike Dup (P1C1513-MSD1)		**Source: 1C11006-23**		Prepared: 03/15/21 Analyzed: 03/17/21						
Benzene	0.0653	0.00104	mg/kg dry	0.104	ND	62.7	80-120	8.67	20	QM-07
Toluene	0.0273	0.00104	"	0.104	ND	26.2	80-120	18.1	20	QM-07
Ethylbenzene	0.0144	0.00104	"	0.104	ND	13.8	80-120	7.66	20	QM-07
Xylene (p/m)	0.0207	0.00208	"	0.208	ND	9.92	80-120	7.75	20	QM-07
Xylene (o)	0.00984	0.00104	"	0.104	ND	9.45	80-120	10.9	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.0501*		"	*0.125*		*40.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.125*		*98.6*	*80-120*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1104 - * DEFAULT PREP *** **										
Blank (P1C1104-BLK1)				Prepared & Analyzed: 03/11/21						
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK2)				Prepared & Analyzed: 03/11/21						
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK3)				Prepared & Analyzed: 03/11/21						
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK4)				Prepared & Analyzed: 03/11/21						
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK5)				Prepared & Analyzed: 03/11/21						
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK6)				Prepared & Analyzed: 03/11/21						
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK7)				Prepared & Analyzed: 03/11/21						
% Moisture	ND	0.1	%							
Duplicate (P1C1104-DUP1)	**Source: 1C09007-10**			Prepared & Analyzed: 03/11/21						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P1C1104-DUP2)	**Source: 1C09007-20**			Prepared & Analyzed: 03/11/21						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P1C1104-DUP3)	**Source: 1C09008-11**			Prepared & Analyzed: 03/11/21						
% Moisture	6.0	0.1	%		6.0			0.00	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1104 - * DEFAULT PREP *** **										
Duplicate (P1C1104-DUP4)		**Source: 1C09009-01**		Prepared & Analyzed: 03/11/21						
% Moisture	17.0	0.1	%		17.0			0.00	20	
Duplicate (P1C1104-DUP5)		**Source: 1C09009-16**		Prepared & Analyzed: 03/11/21						
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P1C1104-DUP6)		**Source: 1C09009-26**		Prepared & Analyzed: 03/11/21						
% Moisture	11.0	0.1	%		12.0			8.70	20	
Duplicate (P1C1104-DUP7)		**Source: 1C09009-41**		Prepared & Analyzed: 03/11/21						
% Moisture	12.0	0.1	%		13.0			8.00	20	
Duplicate (P1C1104-DUP8)		**Source: 1C09009-51**		Prepared & Analyzed: 03/11/21						
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P1C1104-DUP9)		**Source: 1C09009-66**		Prepared & Analyzed: 03/11/21						
% Moisture	16.0	0.1	%		16.0			0.00	20	
Duplicate (P1C1104-DUPA)		**Source: 1C09012-03**		Prepared & Analyzed: 03/11/21						
% Moisture	ND	0.1	%		1.0			200	20	
Duplicate (P1C1104-DUPB)		**Source: 1C09014-07**		Prepared & Analyzed: 03/11/21						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P1C1104-DUPC)		**Source: 1C09014-17**		Prepared & Analyzed: 03/11/21						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P1C1104-DUPD)		**Source: 1C09014-32**		Prepared & Analyzed: 03/11/21						
% Moisture	4.0	0.1	%		4.0			0.00	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1104 - * DEFAULT PREP *** **										
Duplicate (P1C1104-DUPE)	**Source: 1C09014-42**			Prepared & Analyzed: 03/11/21						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Batch P1C1601 - * DEFAULT PREP *** **										
Blank (P1C1601-BLK1)				Prepared & Analyzed: 03/16/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1C1601-BS1)				Prepared & Analyzed: 03/16/21						
Chloride	400	1.00	mg/kg wet	400		99.9	90-110			
LCS Dup (P1C1601-BSD1)				Prepared & Analyzed: 03/16/21						
Chloride	401	1.00	mg/kg wet	400		100	90-110	0.434	20	
Calibration Check (P1C1601-CCV1)				Prepared & Analyzed: 03/16/21						
Chloride	18.9		mg/kg	20.0		94.4	90-110			
Calibration Check (P1C1601-CCV2)				Prepared: 03/16/21 Analyzed: 03/17/21						
Chloride	18.6		mg/kg	20.0		93.1	90-110			
Calibration Check (P1C1601-CCV3)				Prepared: 03/16/21 Analyzed: 03/17/21						
Chloride	18.6		mg/kg	20.0		93.2	90-110			
Matrix Spike (P1C1601-MS1)	**Source: 1C09013-04**			Prepared: 03/16/21 Analyzed: 03/17/21						
Chloride	1030	1.00	mg/kg dry	500	568	91.6	80-120			
Matrix Spike (P1C1601-MS2)	**Source: 1C09014-08**			Prepared: 03/16/21 Analyzed: 03/17/21						
Chloride	488	1.08	mg/kg dry	538	11.9	88.6	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1601 - * DEFAULT PREP *** **										
Matrix Spike Dup (P1C1601-MSD1)	**Source: 1C09013-04**			Prepared: 03/16/21 Analyzed: 03/17/21						
Chloride	978	1.00	mg/kg dry	500	568	82.0	80-120	4.80	20	
Matrix Spike Dup (P1C1601-MSD2)	**Source: 1C09014-08**			Prepared: 03/16/21 Analyzed: 03/17/21						
Chloride	501	1.08	mg/kg dry	538	11.9	91.0	80-120	2.54	20	
Batch P1C1701 - * DEFAULT PREP *** **										
Blank (P1C1701-BLK1)				Prepared & Analyzed: 03/17/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1C1701-BS1)				Prepared & Analyzed: 03/17/21						
Chloride	392	1.00	mg/kg wet	400		98.0	90-110			
LCS Dup (P1C1701-BSD1)				Prepared & Analyzed: 03/17/21						
Chloride	392	1.00	mg/kg wet	400		98.0	90-110	0.0816	20	
Calibration Check (P1C1701-CCV1)				Prepared & Analyzed: 03/17/21						
Chloride	18.3		mg/kg	20.0		91.7	90-110			
Calibration Check (P1C1701-CCV2)				Prepared & Analyzed: 03/17/21						
Chloride	18.5		mg/kg	20.0		92.6	90-110			
Calibration Check (P1C1701-CCV3)				Prepared & Analyzed: 03/17/21						
Chloride	18.1		mg/kg	20.0		90.5	90-110			
Matrix Spike (P1C1701-MS1)	**Source: 1C09014-18**			Prepared & Analyzed: 03/17/21						
Chloride	467	1.03	mg/kg dry	515	9.31	88.8	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1701 - * DEFAULT PREP *** **										
Matrix Spike (P1C1701-MS2)	**Source: 1C09014-28**			Prepared & Analyzed: 03/17/21						
Chloride	462	1.05	mg/kg dry	526	3.05	87.1	80-120			
Matrix Spike Dup (P1C1701-MSD1)	**Source: 1C09014-18**			Prepared & Analyzed: 03/17/21						
Chloride	484	1.03	mg/kg dry	515	9.31	92.1	80-120	3.61	20	
Matrix Spike Dup (P1C1701-MSD2)	**Source: 1C09014-28**			Prepared & Analyzed: 03/17/21						
Chloride	475	1.05	mg/kg dry	526	3.05	89.7	80-120	2.87	20	
Batch P1C1702 - * DEFAULT PREP *** **										
Blank (P1C1702-BLK1)				Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1C1702-BS1)				Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	402	1.00	mg/kg wet	400		101	90-110			
LCS Dup (P1C1702-BSD1)				Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	401	1.00	mg/kg wet	400		100	90-110	0.259	20	
Calibration Check (P1C1702-CCV1)				Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	20.6		mg/kg	20.0		103	90-110			
Calibration Check (P1C1702-CCV2)				Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	20.1		mg/kg	20.0		100	90-110			
Calibration Check (P1C1702-CCV3)				Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	19.0		mg/kg	20.0		95.2	90-110			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1702 - * DEFAULT PREP *** **										
Matrix Spike (P1C1702-MS1)	**Source: 1C09014-38**			Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	457	1.01	mg/kg dry	505	3.25	89.9	80-120			
Matrix Spike (P1C1702-MS2)	**Source: 1C10001-13**			Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	727	1.14	mg/kg dry	568	181	96.0	80-120			
Matrix Spike Dup (P1C1702-MSD1)	**Source: 1C09014-38**			Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	471	1.01	mg/kg dry	505	3.25	92.5	80-120	2.91	20	
Matrix Spike Dup (P1C1702-MSD2)	**Source: 1C10001-13**			Prepared: 03/17/21 Analyzed: 03/18/21						
Chloride	759	1.14	mg/kg dry	568	181	102	80-120	4.38	20	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1005 - TX 1005										
Blank (P1C1005-BLK1)				Prepared & Analyzed: 03/10/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*96.4*		*"*	*100*		*96.4*	*70-130*			
Surrogate: o-Terphenyl	*51.8*		*"*	*50.0*		*104*	*70-130*			
LCS (P1C1005-BS1)				Prepared & Analyzed: 03/10/21						
C6-C12	989	25.0	mg/kg wet	1000		98.9	75-125			
>C12-C28	1020	25.0	"	1000		102	75-125			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*54.2*		*"*	*50.0*		*108*	*70-130*			
LCS Dup (P1C1005-BSD1)				Prepared & Analyzed: 03/10/21						
C6-C12	980	25.0	mg/kg wet	1000		98.0	75-125	0.972	20	
>C12-C28	978	25.0	"	1000		97.8	75-125	3.88	20	
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*52.6*		*"*	*50.0*		*105*	*70-130*			
Calibration Blank (P1C1005-CCB1)				Prepared & Analyzed: 03/10/21						
C6-C12	7.19		mg/kg wet							
>C12-C28	6.14		"							
Surrogate: 1-Chlorooctane	*94.5*		*"*	*100*		*94.5*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		*"*	*50.0*		*101*	*70-130*			
Calibration Blank (P1C1005-CCB2)				Prepared & Analyzed: 03/10/21						
C6-C12	4.47		mg/kg wet							
>C12-C28	6.80		"							
Surrogate: 1-Chlorooctane	*91.4*		*"*	*100*		*91.4*	*70-130*			
Surrogate: o-Terphenyl	*49.1*		*"*	*50.0*		*98.1*	*70-130*			

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Odessa TX, 79765

Project: Airstream 501-H Jet Pump
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Project Manager: Matt Green

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1005 - TX 1005										
Calibration Check (P1C1005-CCV1)				Prepared & Analyzed: 03/10/21						
C6-C12	462	25.0	mg/kg wet	500		92.4	85-115			
>C12-C28	546	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*54.1*		*"*	*50.0*		*108*	*70-130*			
Calibration Check (P1C1005-CCV2)				Prepared & Analyzed: 03/10/21						
C6-C12	437	25.0	mg/kg wet	500		87.3	85-115			
>C12-C28	523	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*49.6*		*"*	*50.0*		*99.3*	*70-130*			
Matrix Spike (P1C1005-MS1)	**Source: 1C09014-41**			Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	898	25.8	mg/kg dry	1030	ND	87.1	75-125			
>C12-C28	939	25.8	"	1030	16.8	89.5	75-125			
Surrogate: 1-Chlorooctane	*125*		*"*	*103*		*122*	*70-130*			
Surrogate: o-Terphenyl	*52.5*		*"*	*51.5*		*102*	*70-130*			
Matrix Spike Dup (P1C1005-MSD1)	**Source: 1C09014-41**			Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	905	25.8	mg/kg dry	1030	ND	87.8	75-125	0.718	20	
>C12-C28	943	25.8	"	1030	16.8	89.9	75-125	0.445	20	
Surrogate: 1-Chlorooctane	*114*		*"*	*103*		*110*	*70-130*			
Surrogate: o-Terphenyl	*47.9*		*"*	*51.5*		*92.9*	*70-130*			
Batch P1C1007 - TX 1005										
Blank (P1C1007-BLK1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*85.2*		*"*	*100*		*85.2*	*70-130*			
Surrogate: o-Terphenyl	*46.2*		*"*	*50.0*		*92.4*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1007 - TX 1005										
LCS (P1C1007-BS1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	862	25.0	mg/kg wet	1000		86.2	75-125			
>C12-C28	903	25.0	"	1000		90.3	75-125			
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*47.0*		*"*	*50.0*		*94.0*	*70-130*			
LCS Dup (P1C1007-BSD1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	879	25.0	mg/kg wet	1000		87.9	75-125	2.02	20	
>C12-C28	917	25.0	"	1000		91.7	75-125	1.57	20	
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*48.5*		*"*	*50.0*		*97.1*	*70-130*			
Calibration Blank (P1C1007-CCB1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	6.89		mg/kg wet							
>C12-C28	9.32		"							
Surrogate: 1-Chlorooctane	*89.8*		*"*	*100*		*89.8*	*70-130*			
Surrogate: o-Terphenyl	*48.5*		*"*	*50.0*		*97.1*	*70-130*			
Calibration Blank (P1C1007-CCB2)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	9.32		mg/kg wet							
>C12-C28	12.5		"							
Surrogate: 1-Chlorooctane	*98.9*		*"*	*100*		*98.9*	*70-130*			
Surrogate: o-Terphenyl	*53.4*		*"*	*50.0*		*107*	*70-130*			
Calibration Check (P1C1007-CCV1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	442	25.0	mg/kg wet	500		88.4	85-115			
>C12-C28	522	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*50.4*		*"*	*50.0*		*101*	*70-130*			

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13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1007 - TX 1005										
Calibration Check (P1C1007-CCV2)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	475	25.0	mg/kg wet	500		95.0	85-115			
>C12-C28	547	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*53.9*		*"*	*50.0*		*108*	*70-130*			
Calibration Check (P1C1007-CCV3)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	472	25.0	mg/kg wet	500		94.4	85-115			
>C12-C28	562	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*53.7*		*"*	*50.0*		*107*	*70-130*			
Matrix Spike (P1C1007-MS1)		**Source: 1C09014-40**		Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	1050	25.3	mg/kg dry	1010	13.1	102	75-125			
>C12-C28	1070	25.3	"	1010	ND	106	75-125			
Surrogate: 1-Chlorooctane	*98.3*		*"*	*101*		*97.3*	*70-130*			
Surrogate: o-Terphenyl	*55.5*		*"*	*50.5*		*110*	*70-130*			
Matrix Spike Dup (P1C1007-MSD1)		**Source: 1C09014-40**		Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	1000	25.3	mg/kg dry	1010	13.1	98.0	75-125	4.30	20	
>C12-C28	1060	25.3	"	1010	ND	105	75-125	0.758	20	
Surrogate: 1-Chlorooctane	*129*		*"*	*101*		*128*	*70-130*			
Surrogate: o-Terphenyl	*51.2*		*"*	*50.5*		*101*	*70-130*			
Batch P1C1008 - TX 1005										
Blank (P1C1008-BLK1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*110*		*"*	*120*		*91.4*	*70-130*			
Surrogate: o-Terphenyl	*59.5*		*"*	*60.0*		*99.1*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Matt Green

Fax: (432) 563-2213

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1008 - TX 1005										
LCS (P1C1008-BS1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125			
>C12-C28	1070	25.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	*122*		*"*	*120*		*101*	*70-130*			
Surrogate: o-Terphenyl	*62.2*		*"*	*60.0*		*104*	*70-130*			
LCS Dup (P1C1008-BSD1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	1110	25.0	mg/kg wet	1000		111	75-125	3.84	20	
>C12-C28	1050	25.0	"	1000		105	75-125	2.72	20	
Surrogate: 1-Chlorooctane	*119*		*"*	*120*		*99.2*	*70-130*			
Surrogate: o-Terphenyl	*61.9*		*"*	*60.0*		*103*	*70-130*			
Calibration Blank (P1C1008-CCB1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	5.42		mg/kg wet							
>C12-C28	15.8		"							
Surrogate: 1-Chlorooctane	*116*		*"*	*120*		*96.6*	*70-130*			
Surrogate: o-Terphenyl	*62.4*		*"*	*60.0*		*104*	*70-130*			
Calibration Blank (P1C1008-CCB2)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	5.56		mg/kg wet							
>C12-C28	7.11		"							
Surrogate: 1-Chlorooctane	*119*		*"*	*120*		*99.2*	*70-130*			
Surrogate: o-Terphenyl	*63.6*		*"*	*60.0*		*106*	*70-130*			
Calibration Check (P1C1008-CCV1)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	547	25.0	mg/kg wet	500		109	85-115			
>C12-C28	544	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*119*		*"*	*120*		*98.8*	*70-130*			
Surrogate: o-Terphenyl	*62.7*		*"*	*60.0*		*104*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
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Project: Airstream 501-H Jet Pump
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Project Manager: Matt Green

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C1008 - TX 1005										
Calibration Check (P1C1008-CCV2)				Prepared: 03/10/21 Analyzed: 03/11/21						
C6-C12	504	25.0	mg/kg wet	500		101	85-115			
>C12-C28	567	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	*125*		*"*	*120*		*104*	*70-130*			
Surrogate: o-Terphenyl	*64.4*		*"*	*60.0*		*107*	*70-130*			
Matrix Spike (P1C1008-MS1)		**Source: 1C09014-20**		Prepared: 03/10/21 Analyzed: 03/12/21						
C6-C12	1090	25.8	mg/kg dry	1030	ND	106	75-125			
>C12-C28	1160	25.8	"	1030	72.5	106	75-125			
Surrogate: 1-Chlorooctane	*121*		*"*	*124*		*98.0*	*70-130*			
Surrogate: o-Terphenyl	*65.2*		*"*	*61.9*		*105*	*70-130*			
Matrix Spike Dup (P1C1008-MSD1)		**Source: 1C09014-20**		Prepared: 03/10/21 Analyzed: 03/12/21						
C6-C12	1070	25.8	mg/kg dry	1030	ND	104	75-125	1.87	20	
>C12-C28	1120	25.8	"	1030	72.5	101	75-125	4.29	20	
Surrogate: 1-Chlorooctane	*121*		*"*	*124*		*98.2*	*70-130*			
Surrogate: o-Terphenyl	*62.0*		*"*	*61.9*		*100*	*70-130*			*S-GC*

E Tech Environmental & Safety Solutions, Inc. [1]
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Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/22/2021

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Matt Green	

PBELAB Permian Basin Environmental Lab. LP
1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST 1 of

Project Manager: Matt Green
Company Name: Etech Environmental & Safety Solutions, Inc.
Company Address: P.O. Box 8469
City/State/Zip: Midland, Texas 79708
Sampler Signature: _____ email: matt@etechenv.com

Project Name: Airstream 501-H Jet Pump
Project #: 13617 Project Loc: Lea Co. NM
Area: NM PO#: 02545
☐ Bill Etech

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

(lab use only)
ORDER #: 1C09014

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	Preservation & # of Containers: No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW=Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 (8015M) 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT(Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	BH 1		3'	2/24	8:14	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒
2	BH 2		3'	2/24	8:19	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
3	BH 3		3'	2/24	8:22	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
4	BH 4		42"	2/24	8:27	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
5	BH 5		42"	3/1	8:00	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
6	BH 6		4'	3/1	8:06	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
7	BH 7		54"	3/1	8:10	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
8	BH 8		7'	3/1	8:13	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
9	BH 9		42"	3/1	8:17	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
10	BH 10		3'	3/1	8:22	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
11	BH 11		30"	3/1	8:25	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
12	BH 12		18"	3/1	8:30	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
13	BH 13		2'	3/3	8:30	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
14	BH 14		3'	3/3	8:36	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒

Special Instructions: Bill Centennial

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
				3-29-21	1609

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
Sar by Sampler/Client Rep. ? Y N
Sar by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 3.0 °C

PBELAB Permian Basin Environmental Lab, LP

1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

2 of 3

Project Manager: Matt Green
Company Name: Etech Environmental & Safety Solutions, Inc.
Company Address: P.O. Box 8469
City/State/Zip: Midland, Texas 79708
Sampler Signature: _____ email: matt@etechenv.com

Project Name: Airstream 601-H Jet Pump
Project #: 13617 Project Loc: Lea Co. NM
Area: NM PO#: 02545
☐ Bill Etech

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

(lab use only)
ORDER #:

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH: 418.1 (8015M) 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT(Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
15	BH 15		30"	3/3	8:40	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒
16	BH 16		3'	3/3	8:46	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
17	BH 17		42"	3/5	10:03	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
18	BH 18		42"	3/5	10:09	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
19	BH 19		42"	3/5	10:13	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
20	BH 20		3'	3/5	10:17	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
21	BH 21		7'	3/5	10:20	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
22	BH 22			3/5	10:23	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
23	NEP		18"	3/3	8:55	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
24	NWP		30"	3/3	9:00	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
25	NW		2'	3/5	1:40	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
26	NWT - #2		30"	3/5	10:23	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
27	EWT - #1		3'	3/5	10:33	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
28	EWT - #2		2'	3/5	10:57	1	☒	☐	☐	☐	☐	☐	☐	☐	S			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒

Special Instructions: Bill Centennial

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
				3.9.21	1609

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
Sar by Sampler/Client Rep. ? Y N
Sar by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: °C

3073

PBELAB Permian Basin Environmental Lab, LP

1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Matt Green
Company Name: Etech Environmental & Safety Solutions, Inc.
Company Address: P.O. Box 8469
City/State/Zip: Midland, Texas 79708
Sampler Signature: email: matt@etechenv.com

Project Name: Airstream 301-H Jet Pump
Project #: 13617 Project Loc: Lea Co. NM
Area: NM PO#: 02545
☐ Bill Etech

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

(lab use only)
ORDER #:

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 (8015M) 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX (8021B) 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT(Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
29	SWT-#3		3'	3/5	10:37	1	✓								S			✓							✓			✓		✓
30	SWT-#4		18"	3/5	10:42	1	✓								S															✓
31	SWT-#5		2'	3/5	10:46	1	✓								S															✓
32	SWT-#6		18"	3/5	10:49	1	✓								S															✓
33	SWT-#7		2'	3/5	10:53	1	✓								S															✓
34	SWP-		2'	3/3	8:50	1	✓								S															✓
35	SWA		1'	3/5	1:51	1	✓								S															✓
36	WWP		18"	3/3	9:08	1	✓								S															✓
37	WWT-#2		2'	3/5	10:26	1	✓								S															✓
38	WWT-#3		3'	3/5	10:29	1	✓								S															✓
39	WWT-#4		6"	3/5	10:35	1	✓								S															✓
40	WWT-#5		2'	3/5	10:58	1	✓								S															✓
41	WWT-#6		18"	3/5	11:04	1	✓								S															✓
42	WWT-#7		2'	3/5	11:10	1	✓								S															✓

Special Instructions: Bill Centennial

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	3/9/21	1609

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
Sar by Sampler/Client Rep. ?	Y	N

Sar by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: °C

PBELAB

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.		Project:	Airstream 501-H Jet Pump
13000 West County Road 100		Project Number:	13617
Odessa TX, 79765		Project Manager:	Tim McMinn
SAMPLED:	05/05/21	**REPORTED:**	05/18/21 14:11
RECEIVED:	05-07-202		

LAB #			1E10004-01	1E10004-02	1E10004-03	1E10004-04	1E10004-05	1E10004-06
MATRIX	Minimum		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Reporting Limit		BH 3 @ 3.5'	BH 4 @ 48"	BH 5 @ 5'	BH 6 @ 5'	BH 7 @ 7'	BH 9 @ 4'
General Chemistry Parameters by EPA / Standard Methods (Soil)								
% Moisture	0.1	%	12.0	8.0	10.0	10.0	7.0	9.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<28.4	<27.2	<27.8	<27.8	<26.9	<27.5
>C12-C28	25.0	mg/kg dry	28.6	51.8	<27.8	<27.8	<26.9	84.3
>C28-C35	25.0	mg/kg dry	<28.4	<27.2	<27.8	<27.8	<26.9	<27.5
1-Chlorooctane	130	[surr]	99.5%	82.6%	95.4%	83.5%	94.7%	96.4%
o-Terphenyl	130	[surr]	105%	78.5%	99.6%	93.4%	107%	108%
Total Petroleum Hydrocarbon C6-C35	26.9	mg/kg dry	-	-	-	-	<26.9	-
Total Petroleum Hydrocarbon C6-C35	27.2	mg/kg dry	-	51.8	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	27.5	mg/kg dry	-	-	-	-	-	84.3
Total Petroleum Hydrocarbon C6-C35	27.8	mg/kg dry	-	-	<27.8	<27.8	-	-
Total Petroleum Hydrocarbon C6-C35	28.4	mg/kg dry	28.6	-	-	-	-	-

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

PBELAB

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.		Project:	Airstream 501-H Jet Pump
13000 West County Road 100		Project Number:	13617
Odessa TX, 79765		Project Manager:	Tim McMinn
SAMPLED:	05/05/21	**REPORTED:**	05/18/21 14:11
RECEIVED:	05-07-202		

LAB #		1E10004-07	1E10004-08	1E10004-09	1E10004-10	1E10004-11	1E10004-12
MATRIX	Minimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Reporting Limit	BH 10 @ 4'	BH 11 @ 3'	BH 12 @ 4'	BH 14 @ 3.5'	BH 18 @ 15'	BH 19 @ 4'
General Chemistry Parameters by EPA / Standard Methods (Soil)							
% Moisture	0.1 %	8.0	9.0	9.0	3.0	6.0	6.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)							
C6-C12	25.0 mg/kg dry	<27.2	<27.5	<27.5	<25.8	<26.6	<26.6
>C12-C28	25.0 mg/kg dry	122	<27.5	<27.5	<25.8	<26.6	<26.6
>C28-C35	25.0 mg/kg dry	35.4	<27.5	<27.5	<25.8	<26.6	<26.6
1-Chlorooctane	130 [surr]	95.8%	99.0%	92.3%	99.0%	97.5%	97.3%
o-Terphenyl	130 [surr]	107%	112%	106%	113%	110%	110%
Total Petroleum Hydrocarbon C6-C35	26.6 mg/kg dry	-	-	-	-	<26.6	<26.6
Total Petroleum Hydrocarbon C6-C35	27.2 mg/kg dry	157	-	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	27.5 mg/kg dry	-	<27.5	<27.5	-	-	-
Total Petroleum Hydrocarbon C6-C35	25.8 mg/kg dry	-	-	-	<25.8	-	-

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.		Project:	Airstream 501-H Jet Pump
13000 West County Road 100		Project Number:	13617
Odessa TX, 79765		Project Manager:	Tim McMinn
SAMPLED:	05/05/21	**REPORTED:**	05/18/21 14:11
RECEIVED:	05-07-202		

LAB #		1E10004-13	1E10004-14	1E10004-15	1E10004-16	1E10004-17	1E10004-18
MATRIX	Minimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Reporting Limit	BH 21 @ 9'	BH 22 @ 9'	WWP @ 3'	SWA @ 3'	EWT #2 @ 2.5'	NW @ 2'
BTEX by 8021B (Soil)							
Benzene	0.00100 mg/kg dry	<0.00108	-	-	-	-	-
Toluene	0.00100 mg/kg dry	<0.00108	-	-	-	-	-
Ethylbenzene	0.00100 mg/kg dry	<0.00108	-	-	-	-	-
Xylene (p/m)	0.00200 mg/kg dry	<0.00215	-	-	-	-	-
Xylene (o)	0.00100 mg/kg dry	<0.00108	-	-	-	-	-
1,4-Difluorobenzene	120 [surr]	107%	-	-	-	-	-
4-Bromofluorobenzene	120 [surr]	109%	-	-	-	-	-
General Chemistry Parameters by EPA / Standard Methods (Soil)							
Chloride	1.00 mg/kg dry	289	-	-	-	-	-
% Moisture	0.1 %	7.0	2.0	5.0	7.0	4.0	14.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)							
C6-C12	25.0 mg/kg dry	<26.9	<25.5	<26.3	<26.9	<26.0	<29.1
>C12-C28	25.0 mg/kg dry	<26.9	<25.5	<26.3	<26.9	<26.0	45.0
>C28-C35	25.0 mg/kg dry	<26.9	<25.5	<26.3	<26.9	<26.0	<29.1
1-Chlorooctane	130 [surr]	96.7%	98.2%	99.5%	102%	99.4%	103%
o-Terphenyl	130 [surr]	109%	110%	111%	116%	112%	117%
Total Petroleum Hydrocarbon C6-C35	26.3 mg/kg dry	-	-	<26.3	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.9 mg/kg dry	<26.9	-	-	<26.9	-	-
Total Petroleum Hydrocarbon C6-C35	29.1 mg/kg dry	-	-	-	-	-	45.0
Total Petroleum Hydrocarbon C6-C35	25.5 mg/kg dry	-	<25.5	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.0 mg/kg dry	-	-	-	-	<26.0	-

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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PBELAB

SUMMARY REPORT

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

E Tech Environmental & Safety Solutions, Inc.		Project:	Airstream 501-H Jet Pump
13000 West County Road 100		Project Number:	13617
Odessa TX, 79765		Project Manager:	Tim McMinn
SAMPLED:	05/05/21	**REPORTED:**	05/18/21 14:11
RECEIVED:	05-07-202		

LAB #			1E10004-19	1E10004-20	-	-	-	-
MATRIX	Minimum		Soil	Soil	-	-	-	-
SAMPLE ID	Reporting Limit		NWP @ 2'	NEP @ 2.5'	-	-	-	-
General Chemistry Parameters by EPA / Standard Methods (Soil)								
% Moisture	0.1	%	7.0	12.0	-	-	-	-
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<26.9	<28.4	-	-	-	-
>C12-C28	25.0	mg/kg dry	<26.9	51.7	-	-	-	-
>C28-C35	25.0	mg/kg dry	<26.9	<28.4	-	-	-	-
1-Chlorooctane	130	[surr]	104%	105%	-	-	-	-
o-Terphenyl	130	[surr]	118%	119%	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.9	mg/kg dry	<26.9	-	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	28.4	mg/kg dry	-	51.7	-	-	-	-

Special Notes

1 = Samples received in Bulk soil containers

2 = The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

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

4 = The RPD exceeded the acceptance limit due to sample matrix effects.

5 = Received on Ice

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Tim McMinn

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Airstream 501-H Jet Pump

Project Number: 13617

Location: Lea County, NM

Lab Order Number: 1E10004

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 05/18/21

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH 3 @ 3.5'	1E10004-01	Soil	05/05/21 08:00	05-07-2021 16:49
BH 4 @ 48"	1E10004-02	Soil	05/05/21 08:10	05-07-2021 16:49
BH 5 @ 5'	1E10004-03	Soil	05/05/21 08:22	05-07-2021 16:49
BH 6 @ 5'	1E10004-04	Soil	05/05/21 08:30	05-07-2021 16:49
BH 7 @ 7'	1E10004-05	Soil	05/05/21 08:41	05-07-2021 16:49
BH 9 @ 4'	1E10004-06	Soil	05/05/21 09:00	05-07-2021 16:49
BH 10 @ 4'	1E10004-07	Soil	05/05/21 09:15	05-07-2021 16:49
BH 11 @ 3'	1E10004-08	Soil	05/05/21 09:22	05-07-2021 16:49
BH 12 @ 4'	1E10004-09	Soil	05/05/21 09:34	05-07-2021 16:49
BH 14 @ 3.5'	1E10004-10	Soil	05/05/21 09:47	05-07-2021 16:49
BH 18 @ 15'	1E10004-11	Soil	05/05/21 10:00	05-07-2021 16:49
BH 19 @ 4'	1E10004-12	Soil	05/05/21 10:12	05-07-2021 16:49
BH 21 @ 9'	1E10004-13	Soil	05/05/21 11:17	05-07-2021 16:49
BH 22 @ 9'	1E10004-14	Soil	05/05/21 11:00	05-07-2021 16:49
WWP @ 3'	1E10004-15	Soil	05/05/21 10:25	05-07-2021 16:49
SWA @ 3'	1E10004-16	Soil	05/05/21 11:33	05-07-2021 16:49
EWT #2 @ 2.5'	1E10004-17	Soil	05/05/21 11:41	05-07-2021 16:49
NW @ 2'	1E10004-18	Soil	05/05/21 10:41	05-07-2021 16:49
NWP @ 2'	1E10004-19	Soil	05/05/21 10:32	05-07-2021 16:49
NEP @ 2.5'	1E10004-20	Soil	05/05/21 10:52	05-07-2021 16:49

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Tim McMinn	

BH 3 @ 3.5'

1E10004-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**12.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 01:28	TPH 8015M	
>C12-C28	**28.6**	28.4	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 01:28	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 01:28	TPH 8015M	
Surrogate: 1-Chlorooctane	*99.5 %*		*70-130*		*P1E1011*	*05/10/21 15:19*	*05/12/21 01:28*	*TPH 8015M*	
Surrogate: o-Terphenyl	*105 %*		*70-130*		*P1E1011*	*05/10/21 15:19*	*05/12/21 01:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**28.6**	28.4	mg/kg dry	1	[CALC]	05/10/21 15:19	05/12/21 01:28	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 4 @ 48"

1E10004-02 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 01:52	TPH 8015M	
>C12-C28	**51.8**	27.2	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 01:52	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 01:52	TPH 8015M	
Surrogate: 1-Chlorooctane	*82.6 %*		*70-130*		*P1E1011*	*05/10/21 15:19*	*05/12/21 01:52*	*TPH 8015M*	
Surrogate: o-Terphenyl	*78.5 %*		*70-130*		*P1E1011*	*05/10/21 15:19*	*05/12/21 01:52*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**51.8**	27.2	mg/kg dry	1	[CALC]	05/10/21 15:19	05/12/21 01:52	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 5 @ 5'

1E10004-03 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**10.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 02:16	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 02:16	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P1E1011	05/10/21 15:19	05/12/21 02:16	TPH 8015M	
Surrogate: 1-Chlorooctane	*95.4 %*		*70-130*		*P1E1011*	*05/10/21 15:19*	*05/12/21 02:16*	*TPH 8015M*	
Surrogate: o-Terphenyl	*99.6 %*		*70-130*		*P1E1011*	*05/10/21 15:19*	*05/12/21 02:16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	05/10/21 15:19	05/12/21 02:16	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Tim McMinn	

BH 6 @ 5'

1E10004-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**10.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 14:20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 14:20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 14:20	TPH 8015M	
Surrogate: 1-Chlorooctane	*83.5 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 14:20*	*TPH 8015M*	
Surrogate: o-Terphenyl	*93.4 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 14:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 14:20	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 7 @ 7'

1E10004-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**7.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 14:42	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 14:42	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 14:42	TPH 8015M	
Surrogate: 1-Chlorooctane	*94.7 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 14:42*	*TPH 8015M*	
Surrogate: o-Terphenyl	*107 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 14:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 14:42	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 9 @ 4'

1E10004-06 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**9.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:05	TPH 8015M	
>C12-C28	**84.3**	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:05	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:05	TPH 8015M	
Surrogate: 1-Chlorooctane	*96.4 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 15:05*	*TPH 8015M*	
Surrogate: o-Terphenyl	*108 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 15:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**84.3**	27.5	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 15:05	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 10 @ 4'

1E10004-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:27	TPH 8015M	
>C12-C28	**122**	27.2	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:27	TPH 8015M	
>C28-C35	**35.4**	27.2	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:27	TPH 8015M	
Surrogate: 1-Chlorooctane	*95.8 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 15:27*	*TPH 8015M*	
Surrogate: o-Terphenyl	*107 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 15:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**157**	27.2	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 15:27	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 11 @ 3'

1E10004-08 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**9.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:50	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:50	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 15:50	TPH 8015M	
Surrogate: 1-Chlorooctane	*99.0 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 15:50*	*TPH 8015M*	
Surrogate: o-Terphenyl	*112 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 15:50*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 15:50	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 12 @ 4'

1E10004-09 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**9.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:12	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:12	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:12	TPH 8015M	
Surrogate: 1-Chlorooctane	*92.3 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 16:12*	*TPH 8015M*	
Surrogate: o-Terphenyl	*106 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 16:12*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 16:12	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 14 @ 3.5'

1E10004-10 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**3.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:35	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:35	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:35	TPH 8015M	
Surrogate: 1-Chlorooctane	*99.0 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 16:35*	*TPH 8015M*	
Surrogate: o-Terphenyl	*113 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 16:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 16:35	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

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BH 18 @ 15'

1E10004-11 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**6.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:57	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:57	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 16:57	TPH 8015M	
Surrogate: 1-Chlorooctane	*97.5 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 16:57*	*TPH 8015M*	
Surrogate: o-Terphenyl	*110 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 16:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 16:57	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Tim McMinn	

BH 19 @ 4'

1E10004-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**6.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 17:20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 17:20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 17:20	TPH 8015M	
Surrogate: 1-Chlorooctane	*97.3 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 17:20*	*TPH 8015M*	
Surrogate: o-Terphenyl	*110 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 17:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 17:20	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BH 21 @ 9'

1E10004-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P1E1213	05/12/21 16:52	05/13/21 00:38	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1E1213	05/12/21 16:52	05/13/21 00:38	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1E1213	05/12/21 16:52	05/13/21 00:38	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1E1213	05/12/21 16:52	05/13/21 00:38	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1E1213	05/12/21 16:52	05/13/21 00:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P1E1213*	*05/12/21 16:52*	*05/13/21 00:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*109 %*	*80-120*		*P1E1213*	*05/12/21 16:52*	*05/13/21 00:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**289**	1.08	mg/kg dry	1	P1E1308	05/13/21 16:49	05/14/21 14:57	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 17:42	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 17:42	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 17:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.7 %*	*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 17:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 17:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 17:42	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Tim McMinn	

BH 22 @ 9'

1E10004-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**2.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 18:49	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 18:49	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 18:49	TPH 8015M	
Surrogate: 1-Chlorooctane	*98.2 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 18:49*	*TPH 8015M*	
Surrogate: o-Terphenyl	*110 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 18:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 18:49	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

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WWP @ 3'

1E10004-15 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**5.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:11	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:11	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:11	TPH 8015M	
Surrogate: 1-Chlorooctane	*99.5 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 19:11*	*TPH 8015M*	
Surrogate: o-Terphenyl	*111 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 19:11*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 19:11	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

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SWA @ 3'

1E10004-16 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**7.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:33	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:33	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 19:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 19:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 19:33	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

EWT #2 @ 2.5'

1E10004-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**4.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:55	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:55	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 19:55	TPH 8015M	
Surrogate: 1-Chlorooctane	*99.4 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 19:55*	*TPH 8015M*	
Surrogate: o-Terphenyl	*112 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 19:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 19:55	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Tim McMinn	

NW @ 2'

1E10004-18 (Soil)

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**14.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 20:17	TPH 8015M	
>C12-C28	**45.0**	29.1	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 20:17	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 20:17	TPH 8015M	
Surrogate: 1-Chlorooctane	*103 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 20:17*	*TPH 8015M*	
Surrogate: o-Terphenyl	*117 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 20:17*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**45.0**	29.1	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 20:17	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Tim McMinn	

NWP @ 2'

1E10004-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**7.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 20:39	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 20:39	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 20:39	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 20:39*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 20:39*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 20:39	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Tim McMinn	

NEP @ 2.5'

1E10004-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Limit	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**12.0**	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 21:01	TPH 8015M	
>C12-C28	**51.7**	28.4	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 21:01	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P1E1106	05/11/21 15:54	05/12/21 21:01	TPH 8015M	
Surrogate: 1-Chlorooctane	*105 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 21:01*	*TPH 8015M*	
Surrogate: o-Terphenyl	*119 %*		*70-130*		*P1E1106*	*05/11/21 15:54*	*05/12/21 21:01*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**51.7**	28.4	mg/kg dry	1	[CALC]	05/11/21 15:54	05/12/21 21:01	calc	

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1213 - * DEFAULT PREP *** **										
Blank (P1E1213-BLK1)				Prepared & Analyzed: 05/12/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*99.9*	*80-120*			
LCS (P1E1213-BS1)				Prepared & Analyzed: 05/12/21						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	70-130			
Toluene	0.0986	0.00100	"	0.100		98.6	70-130			
Ethylbenzene	0.0934	0.00100	"	0.100		93.4	70-130			
Xylene (p/m)	0.205	0.00200	"	0.200		103	70-130			
Xylene (o)	0.0944	0.00100	"	0.100		94.4	70-130			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*102*	*80-120*			
LCS Dup (P1E1213-BSD1)				Prepared & Analyzed: 05/12/21						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130	3.27	20	
Toluene	0.102	0.00100	"	0.100		102	70-130	3.31	20	
Ethylbenzene	0.0956	0.00100	"	0.100		95.6	70-130	2.34	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	70-130	2.53	20	
Xylene (o)	0.0968	0.00100	"	0.100		96.8	70-130	2.54	20	
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Calibration Blank (P1E1213-CCB2)				Prepared: 05/12/21 Analyzed: 05/13/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
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Project Manager: Tim McMinn

Fax: (432) 563-2213

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1213 - * DEFAULT PREP *** **										
Calibration Check (P1E1213-CCV2)				Prepared: 05/12/21 Analyzed: 05/13/21						
Benzene	0.0890	0.00100	mg/kg wet	0.100		89.0	80-120			
Toluene	0.0820	0.00100	"	0.100		82.0	80-120			
Ethylbenzene	0.0810	0.00100	"	0.100		81.0	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.6	80-120			
Xylene (o)	0.0805	0.00100	"	0.100		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Calibration Check (P1E1213-CCV3)				Prepared: 05/12/21 Analyzed: 05/13/21						
Benzene	0.0958	0.00100	mg/kg wet	0.100		95.8	80-120			
Toluene	0.0911	0.00100	"	0.100		91.1	80-120			
Ethylbenzene	0.0872	0.00100	"	0.100		87.2	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		91.9	80-120			
Xylene (o)	0.0902	0.00100	"	0.100		90.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*106*	*75-125*			
Matrix Spike (P1E1213-MS1)	**Source: 1E06004-01**			Prepared: 05/12/21 Analyzed: 05/13/21						
Benzene	0.0805	0.00108	mg/kg dry	0.108	ND	74.8	80-120			QM-07
Toluene	0.0722	0.00108	"	0.108	ND	67.2	80-120			QM-07
Ethylbenzene	0.0631	0.00108	"	0.108	ND	58.7	80-120			QM-07
Xylene (p/m)	0.134	0.00215	"	0.215	ND	62.3	80-120			QM-07
Xylene (o)	0.0667	0.00108	"	0.108	ND	62.0	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.139*		*"*	*0.129*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.140*		*"*	*0.129*		*109*	*80-120*			
Matrix Spike Dup (P1E1213-MSD1)	**Source: 1E06004-01**			Prepared: 05/12/21 Analyzed: 05/13/21						
Benzene	0.0782	0.00108	mg/kg dry	0.108	ND	72.7	80-120	2.87	20	
Toluene	0.0706	0.00108	"	0.108	ND	65.7	80-120	2.24	20	
Ethylbenzene	0.0618	0.00108	"	0.108	ND	57.5	80-120	2.10	20	
Xylene (p/m)	0.132	0.00215	"	0.215	ND	61.4	80-120	1.48	20	
Xylene (o)	0.0655	0.00108	"	0.108	ND	60.9	80-120	1.85	20	
Surrogate: 4-Bromofluorobenzene	*0.143*		*"*	*0.129*		*111*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.141*		*"*	*0.129*		*110*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1201 - * DEFAULT PREP *** **										
Blank (P1E1201-BLK1)				Prepared & Analyzed: 05/12/21						
% Moisture	ND	0.1	%							
Blank (P1E1201-BLK2)				Prepared & Analyzed: 05/12/21						
% Moisture	ND	0.1	%							
Duplicate (P1E1201-DUP1)		**Source: 1E10001-10**		Prepared & Analyzed: 05/12/21						
% Moisture	8.0	0.1	%		9.0			11.8	20	
Duplicate (P1E1201-DUP2)		**Source: 1E10001-20**		Prepared & Analyzed: 05/12/21						
% Moisture	14.0	0.1	%		15.0			6.90	20	
Duplicate (P1E1201-DUP3)		**Source: 1E10001-35**		Prepared & Analyzed: 05/12/21						
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P1E1201-DUP4)		**Source: 1E10001-45**		Prepared & Analyzed: 05/12/21						
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P1E1201-DUP5)		**Source: 1E10001-60**		Prepared & Analyzed: 05/12/21						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P1E1201-DUP6)		**Source: 1E10004-09**		Prepared & Analyzed: 05/12/21						
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P1E1201-DUP7)		**Source: 1E10006-03**		Prepared & Analyzed: 05/12/21						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P1E1201-DUP8)		**Source: 1E10006-13**		Prepared & Analyzed: 05/12/21						
% Moisture	11.0	0.1	%		11.0			0.00	20	

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Project Manager: Tim McMinn

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1201 - * DEFAULT PREP *** **										
Duplicate (P1E1201-DUP9)	**Source: 1E10009-02**			Prepared & Analyzed: 05/12/21						
% Moisture	5.0	0.1	%		4.0			22.2	20	R3
Duplicate (P1E1201-DUPA)	**Source: 1E11002-06**			Prepared & Analyzed: 05/12/21						
% Moisture	8.0	0.1	%		7.0			13.3	20	
Batch P1E1308 - * DEFAULT PREP *** **										
Blank (P1E1308-BLK1)				Prepared & Analyzed: 05/13/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1E1308-BS1)				Prepared: 05/13/21 Analyzed: 05/14/21						
Chloride	411	1.00	mg/kg wet	400		103	90-110			
LCS Dup (P1E1308-BSD1)				Prepared: 05/13/21 Analyzed: 05/14/21						
Chloride	414	1.00	mg/kg wet	400		103	90-110	0.582	20	
Calibration Check (P1E1308-CCV1)				Prepared: 05/13/21 Analyzed: 05/14/21						
Chloride	21.1		mg/kg	20.0		105	90-110			
Calibration Check (P1E1308-CCV2)				Prepared: 05/13/21 Analyzed: 05/14/21						
Chloride	21.1		mg/kg	20.0		106	90-110			
Calibration Check (P1E1308-CCV3)				Prepared: 05/13/21 Analyzed: 05/14/21						
Chloride	21.2		mg/kg	20.0		106	90-110			
Matrix Spike (P1E1308-MS1)	**Source: 1E13002-01**			Prepared & Analyzed: 05/13/21						
Chloride	1050	1.14	mg/kg dry	568	832	38.2	80-120			

E Tech Environmental & Safety Solutions, Inc. [1]
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Project Number: 13617
Project Manager: Tim McMinn

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1308 - * DEFAULT PREP *** **										
Matrix Spike (P1E1308-MS2)	**Source: 1E10001-17**			Prepared: 05/13/21 Analyzed: 05/14/21						
Chloride	1660	5.81	mg/kg dry	581	974	118	80-120			
Matrix Spike Dup (P1E1308-MSD1)	**Source: 1E13002-01**			Prepared & Analyzed: 05/13/21						
Chloride	1260	1.14	mg/kg dry	568	832	75.9	80-120	18.6	20	
Matrix Spike Dup (P1E1308-MSD2)	**Source: 1E10001-17**			Prepared: 05/13/21 Analyzed: 05/14/21						
Chloride	1660	5.81	mg/kg dry	581	974	117	80-120	0.0351	20	

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Project: Airstream 501-H Jet Pump
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Project Manager: Tim McMinn

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1011 - TX 1005										
Blank (P1E1011-BLK1)				Prepared: 05/10/21 Analyzed: 05/11/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*96.5*		"	*100*		*96.5*	*70-130*			
Surrogate: o-Terphenyl	*49.6*		"	*50.0*		*99.2*	*70-130*			
LCS (P1E1011-BS1)				Prepared: 05/10/21 Analyzed: 05/11/21						
C6-C12	981	25.0	mg/kg wet	1000		98.1	75-125			
>C12-C28	811	25.0	"	1000		81.1	75-125			
Surrogate: 1-Chlorooctane	*99.1*		"	*100*		*99.1*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		"	*50.0*		*111*	*70-130*			
LCS Dup (P1E1011-BSD1)				Prepared: 05/10/21 Analyzed: 05/11/21						
C6-C12	987	25.0	mg/kg wet	1000		98.7	75-125	0.608	20	
>C12-C28	808	25.0	"	1000		80.8	75-125	0.269	20	
Surrogate: 1-Chlorooctane	*99.2*		"	*100*		*99.2*	*70-130*			
Surrogate: o-Terphenyl	*53.6*		"	*50.0*		*107*	*70-130*			
Calibration Check (P1E1011-CCV1)				Prepared: 05/10/21 Analyzed: 05/11/21						
C6-C12	476	25.0	mg/kg wet	500		95.3	85-115			
>C12-C28	433	25.0	"	500		86.6	85-115			
Surrogate: 1-Chlorooctane	*114*		"	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		"	*50.0*		*101*	*70-130*			
Calibration Check (P1E1011-CCV2)				Prepared: 05/10/21 Analyzed: 05/11/21						
C6-C12	443	25.0	mg/kg wet	500		88.6	85-115			
>C12-C28	435	25.0	"	500		87.1	85-115			
Surrogate: 1-Chlorooctane	*91.1*		"	*100*		*91.1*	*70-130*			
Surrogate: o-Terphenyl	*40.2*		"	*50.0*		*80.5*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
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Project Manager: Tim McMinn

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1011 - TX 1005										
Matrix Spike (P1E1011-MS1)	**Source: 1E10004-03**			Prepared: 05/10/21 Analyzed: 05/12/21						
C6-C12	868	27.8	mg/kg dry	1110	ND	78.1	75-125			
>C12-C28	847	27.8	"	1110	19.0	74.5	75-125			QM-05
Surrogate: 1-Chlorooctane	*113*		*"*	*111*		*102*	*70-130*			
Surrogate: o-Terphenyl	*47.3*		*"*	*55.6*		*85.2*	*70-130*			
Matrix Spike Dup (P1E1011-MSD1)	**Source: 1E10004-03**			Prepared: 05/10/21 Analyzed: 05/12/21						
C6-C12	885	27.8	mg/kg dry	1110	ND	79.7	75-125	1.96	20	
>C12-C28	852	27.8	"	1110	19.0	75.0	75-125	0.635	20	
Surrogate: 1-Chlorooctane	*102*		*"*	*111*		*91.6*	*70-130*			
Surrogate: o-Terphenyl	*47.6*		*"*	*55.6*		*85.7*	*70-130*			
Batch P1E1106 - TX 1005										
Blank (P1E1106-BLK1)				Prepared: 05/11/21 Analyzed: 05/12/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*95.3*		*"*	*100*		*95.3*	*70-130*			
Surrogate: o-Terphenyl	*53.9*		*"*	*50.0*		*108*	*70-130*			
LCS (P1E1106-BS1)				Prepared: 05/11/21 Analyzed: 05/12/21						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125			
>C12-C28	1000	25.0	"	1000		100	75-125			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*60.6*		*"*	*50.0*		*121*	*70-130*			
LCS Dup (P1E1106-BSD1)				Prepared: 05/11/21 Analyzed: 05/12/21						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125	1.63	20	
>C12-C28	989	25.0	"	1000		98.9	75-125	1.40	20	
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*61.3*		*"*	*50.0*		*123*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1106 - TX 1005										
Calibration Check (P1E1106-CCV1)				Prepared: 05/11/21 Analyzed: 05/12/21						
C6-C12	531	25.0	mg/kg wet				85-115			
>C12-C28	562	25.0	"				85-115			
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*58.0*		*"*	*50.0*		*116*	*70-130*			
Calibration Check (P1E1106-CCV2)				Prepared: 05/11/21 Analyzed: 05/12/21						
C6-C12	529	25.0	mg/kg wet				85-115			
>C12-C28	560	25.0	"				85-115			
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*57.5*		*"*	*50.0*		*115*	*70-130*			
Matrix Spike (P1E1106-MS1)	**Source: 1E10004-20**			Prepared: 05/11/21 Analyzed: 05/12/21						
C6-C12	1020	28.4	mg/kg dry	1140	ND	89.9	75-125			
>C12-C28	1070	28.4	"	1140	51.7	89.3	75-125			
Surrogate: 1-Chlorooctane	*125*		*"*	*114*		*110*	*70-130*			
Surrogate: o-Terphenyl	*61.9*		*"*	*56.8*		*109*	*70-130*			
Matrix Spike Dup (P1E1106-MSD1)	**Source: 1E10004-20**			Prepared: 05/11/21 Analyzed: 05/12/21						
C6-C12	982	28.4	mg/kg dry	1140	ND	86.5	75-125	3.90	20	
>C12-C28	1070	28.4	"	1140	51.7	89.9	75-125	0.742	20	
Surrogate: 1-Chlorooctane	*137*		*"*	*114*		*120*	*70-130*			
Surrogate: o-Terphenyl	*60.0*		*"*	*56.8*		*106*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Airstream 501-H Jet Pump
Project Number: 13617
Project Manager: Tim McMinn

Fax: (432) 563-2213

Notes and Definitions

ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 5/18/2021

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617	
Odessa TX, 79765	Project Manager: Tim McMinn	

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Project Manager: Tim McMinn
Company Name: Etech Environmental and Safety Solutions, Inc.
Company Address: 13000 W CR 100
City/State/Zip: Odessa, Texas 79765
Telephone No: (432)230-3763 Fax No:
Sampler Signature:
e-mail: Matt@etechenv.com, tim@etechenv.com

Project Name: Airstream 501-H Jet Pump
Project #: 13617
Project Loc: Lea County NM
PO #: 02545
Report Format: [X] Standard [ ] TRRP [ ] NPDES

Centennial

(lab use only)
ORDER #: 1E10004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 8015B	TOTAL: TPH: TX 1005 Ext TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	Bottom Hole 3		3½'	5-5-21	8:00		1									S	X														
2	Bottom Hole 4		4½'		8:10		1									S															
3	Bottom Hole 5		5'		8:22		1									S															
4	Bottom Hole 6		5'		8:30		1									S															
5	Bottom Hole 7		7'		8:41		1									S															
6	Bottom Hole 9		4'		9:00		1									S															
7	Bottom Hole 10		4'		9:15		1									S															
8	Bottom Hole 11		3'		9:22		1									S															
9	Bottom Hole 12		4'		9:34		1									S															
10	Bottom Hole 14		3½'		9:47		1									S															

Special Instructions:
Bill to Centennial Resource

		Date	Time		Date	Time
Relinquished by:		5/7	16:49	Received by:		
Relinquished by:				Received by:		
Relinquished by:				Received by PBEL: Tina Belcher	5/7/21	16:49

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.5 °C CF +1.2
Adjusted: °C Factor

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

2 of 2

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Project Manager: Tim McMinn
Company Name: Etech Environmental and Safety Solutions, Inc.
Company Address: 13000 W CR 100
City/State/Zip: Odessa, Texas 79765
Telephone No: (432)230-3763 Fax No:
Sampler Signature:
e-mail: Matt@etechenv.com tim@etechenv.com

Project Name: Airstream 501-H Jet Pump
Project #: 13617
Project Loc: Lea County, NM
PO #: 07545
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1E10004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH: 418.1 / 8015M 8015B	TPH: TX 1005 Ext TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
11	Bottom Hole 18		15'	5-5-21	10:00		1									S	X										X		X
12	Bottom Hole 19		4'		10:12		1									S	X												X
13	Bottom Hole 21		9'		11:17		1									S	X								X		X		X
14	Bottom Hole 22		9'		11:00		1									S	X												X
15	WWP		3'		10:25		1									S	X												X
16	SWA		3'		11:33		1									S	X												X
17	EWT #2		2½'		11:41		1									S	X												X
18	NW		2'		10:41		1									S	X												X
19	NWP		2'		10:32		1									S	X												X
20	NEP		2½'		10:50		1									S	X												X

Special Instructions:
Bill to Centennial

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/7	14:59			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: [signature]	Date: 5/7/21	Time: 16:49

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.5 °C
Adjusted: °C Factor CF +.2

PBELAB

SUMMARY REPORT

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

E Tech Environmental & Safety Solutions, Inc.		Project:	Airstream 501-H Jet Pump
13000 West County Road 100		Project Number:	13617
Odessa TX, 79765		Project Manager:	Tim McMinn
SAMPLED:	06/01/21	**REPORTED:**	06/09/21 07:43
RECEIVED:	06-03-202		

LAB #		1F03006-01	-	-	-	-	-
MATRIX	Minimum	Soil	-	-	-	-	-
SAMPLE ID	Reporting Limit	BH 10 @ 5'	-	-	-	-	-
General Chemistry Parameters by EPA / Standard Methods (Soil)								
% Moisture	0.1 %	5.0	-	-	-	-	-
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0 mg/kg dry	<26.3	-	-	-	-	-
>C12-C28	25.0 mg/kg dry	<26.3	-	-	-	-	-
>C28-C35	25.0 mg/kg dry	<26.3	-	-	-	-	-
1-Chlorooctane	130 [surr]	104%	-	-	-	-	-
o-Terphenyl	130 [surr]	117%	-	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.3 mg/kg dry	<26.3	-	-	-	-	-

Special Notes

1 = Samples received in Bulk soil containers
2 = Received on Ice

Permian Basin Environmental Lab, L.P.

Brent Barron
Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Tim McMinn

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Airstream 501-H Jet Pump

Project Number: 13617

Location: Lea County, NM

Lab Order Number: 1F03006

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/09/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH 10 @ 5'	1F03006-01	Soil	06/01/21 14:00	06-03-2021 10:24

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

BH 10 @ 5'

1F03006-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**5.0**	0.1	%	1	P1F0401	06/04/21 08:37	06/04/21 08:52	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P1F0706	06/07/21 11:52	06/07/21 19:29	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1F0706	06/07/21 11:52	06/07/21 19:29	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1F0706	06/07/21 11:52	06/07/21 19:29	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P1F0706*	*06/07/21 11:52*	*06/07/21 19:29*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P1F0706*	*06/07/21 11:52*	*06/07/21 19:29*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	06/07/21 11:52	06/07/21 19:29	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1F0401 - * DEFAULT PREP *** **										
Blank (P1F0401-BLK1)				Prepared & Analyzed: 06/04/21						
% Moisture	ND	0.1	%							
Duplicate (P1F0401-DUP1)		**Source: 1F02009-10**		Prepared & Analyzed: 06/04/21						
% Moisture	10.0	0.1	%		9.0			10.5	20	
Duplicate (P1F0401-DUP2)		**Source: 1F02009-20**		Prepared & Analyzed: 06/04/21						
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P1F0401-DUP3)		**Source: 1F03005-02**		Prepared & Analyzed: 06/04/21						
% Moisture	11.0	0.1	%		12.0			8.70	20	
Duplicate (P1F0401-DUP4)		**Source: 1F03011-05**		Prepared & Analyzed: 06/04/21						
% Moisture	6.0	0.1	%		7.0			15.4	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1F0706 - TX 1005										
Blank (P1F0706-BLK1)				Prepared & Analyzed: 06/07/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*96.7*		*"*	*100*		*96.7*	*70-130*			
Surrogate: o-Terphenyl	*53.9*		*"*	*50.0*		*108*	*70-130*			
LCS (P1F0706-BS1)				Prepared & Analyzed: 06/07/21						
C6-C12	1020	25.0	mg/kg wet	1000		102	75-125			
>C12-C28	965	25.0	"	1000		96.5	75-125			
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*56.3*		*"*	*50.0*		*113*	*70-130*			
LCS Dup (P1F0706-BSD1)				Prepared & Analyzed: 06/07/21						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125	2.44	20	
>C12-C28	970	25.0	"	1000		97.0	75-125	0.480	20	
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*56.0*		*"*	*50.0*		*112*	*70-130*			
Calibration Check (P1F0706-CCV1)				Prepared & Analyzed: 06/07/21						
C6-C12	502	25.0	mg/kg wet	500		100	85-115			
>C12-C28	535	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*57.2*		*"*	*50.0*		*114*	*70-130*			
Calibration Check (P1F0706-CCV2)				Prepared & Analyzed: 06/07/21						
C6-C12	494	25.0	mg/kg wet	500		98.8	85-115			
>C12-C28	534	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*118*		*"*	*100*		*118*	*70-130*			
Surrogate: o-Terphenyl	*56.0*		*"*	*50.0*		*112*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1F0706 - TX 1005										
Matrix Spike (P1F0706-MS1)	**Source: 1F07001-04**			Prepared & Analyzed: 06/07/21						
C6-C12	1120	26.0	mg/kg dry	1040	102	98.2	75-125			
>C12-C28	3080	26.0	"	1040	2160	88.2	75-125			
Surrogate: 1-Chlorooctane	*97.1*		*"*	*104*		*93.2*	*70-130*			
Surrogate: o-Terphenyl	*52.9*		*"*	*52.1*		*102*	*70-130*			
Matrix Spike Dup (P1F0706-MSD1)	**Source: 1F07001-04**			Prepared & Analyzed: 06/07/21						
C6-C12	1080	26.0	mg/kg dry	1040	102	94.1	75-125	4.29	20	
>C12-C28	3010	26.0	"	1040	2160	80.8	75-125	8.79	20	
Surrogate: 1-Chlorooctane	*92.6*		*"*	*104*		*88.9*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		*"*	*52.1*		*97.4*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

Notes and Definitions

ROI	Received on Ice
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/9/2021

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Centennial

Project Manager: Tim McMinn
Company Name: Etech Environmental and Safety Solutions, Inc.
Company Address: 13000 W CR 100
City/State/Zip: Odessa, Texas 79765
Telephone No: (432)230-3763 Fax No:
Sampler Signature:
e-mail: Matt@etechenv.com, tim@etechenv.com

Project Name: Airstream 501H Jet Pump
Project #: 13617
Project Loc: Lea County, NM
PO #: 02545
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1F03006

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1	TOTAL: 8015M	8015B TPH: TX 1005 Ext	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	BH 10 @ 5'			6/1/21	1400		1	X								S	X														X

Special Instructions:
Bill to Centennial Resource

Relinquished by:	Date	Time	Received by:	Date	Time
	6.3.21	10:24a			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				6/3/21	10:24

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.9 °C
Adjusted: 5.9 °C Factor CF +1

Pace Analytical®

ANALYTICAL REPORT

June 14, 2021

Etech Environmental- Midland, TX

Sample Delivery Group:	L1362550
Samples Received:	06/05/2021
Project Number:	13617
Description:	Airstream 501H Jet Pump

Report To: Tim McMinn
PO Box 62228
Midland, TX 79711

Entire Report Reviewed By:

Jennifer Gambill
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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BH-3 L1362550-01 Solid

Collected by: Tim M | Collected date/time: 06/03/21 12:22 | Received date/time: 06/05/21 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1684916	1	06/08/21 20:46	06/08/21 20:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1687222	1	06/12/21 01:19	06/12/21 21:55	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1685601	1	06/08/21 21:03	06/10/21 19:14	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1685536	1	06/09/21 22:58	06/11/21 02:42	JDG	Mt. Juliet, TN

BH-5 L1362550-02 Solid

Collected by: Tim M | Collected date/time: 06/03/21 12:25 | Received date/time: 06/05/21 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1684916	1	06/08/21 20:46	06/08/21 20:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1687222	1	06/12/21 01:19	06/12/21 22:05	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1685601	1	06/08/21 21:03	06/10/21 19:35	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1685537	1	06/09/21 15:25	06/09/21 21:05	JN	Mt. Juliet, TN

BH-10 L1362550-03 Solid

Collected by: Tim M | Collected date/time: 06/03/21 12:20 | Received date/time: 06/05/21 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1684916	1	06/08/21 20:46	06/08/21 20:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1687222	1	06/12/21 01:19	06/12/21 23:02	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1685601	1.01	06/08/21 21:03	06/10/21 19:57	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1685537	1	06/09/21 15:25	06/09/21 21:19	JN	Mt. Juliet, TN

BH-12 L1362550-04 Solid

Collected by: Tim M | Collected date/time: 06/03/21 12:18 | Received date/time: 06/05/21 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1684916	1	06/08/21 20:46	06/08/21 20:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1687222	1	06/12/21 01:19	06/12/21 23:11	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1685601	1	06/08/21 21:03	06/10/21 20:18	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1685537	1	06/09/21 15:25	06/09/21 21:54	JN	Mt. Juliet, TN

BH-21 L1362550-05 Solid

Collected by: Tim M | Collected date/time: 06/03/21 12:10 | Received date/time: 06/05/21 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1684916	1	06/08/21 20:46	06/08/21 20:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1687222	1	06/12/21 01:19	06/12/21 23:21	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1685613	1	06/08/21 21:03	06/11/21 02:12	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1685537	1	06/09/21 15:25	06/09/21 22:08	JN	Mt. Juliet, TN

BH-22 L1362550-06 Solid

Collected by: Tim M | Collected date/time: 06/03/21 12:13 | Received date/time: 06/05/21 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1684916	1	06/08/21 20:46	06/08/21 20:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1687222	1	06/12/21 01:19	06/12/21 23:30	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1685613	1	06/08/21 21:03	06/11/21 02:34	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1685537	1	06/09/21 15:25	06/09/21 22:21	JN	Mt. Juliet, TN

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

Jennifer Gambill
Project Manager

Wet Chemistry by Method 9056A

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
BH-3	L1362550-01	Chloride	48.3		24.4	1	06/12/2021 21:55	WG1687222
BH-5	L1362550-02	Chloride	45.0		23.1	1	06/12/2021 22:05	WG1687222
BH-10	L1362550-03	Chloride	180		22.0	1	06/12/2021 23:02	WG1687222
BH-12	L1362550-04	Chloride	222		22.8	1	06/12/2021 23:11	WG1687222
BH-21	L1362550-05	Chloride	39.2		25.0	1	06/12/2021 23:21	WG1687222

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

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
BH-3	L1362550-01	C28-C36 Motor Oil Range	4.89		4.89	1	06/11/2021 02:42	WG1685536
BH-5	L1362550-02	C28-C36 Motor Oil Range	6.04		4.62	1	06/09/2021 21:05	WG1685537
BH-12	L1362550-04	C10-C28 Diesel Range	5.77		4.57	1	06/09/2021 21:54	WG1685537
BH-12	L1362550-04	C28-C36 Motor Oil Range	9.38		4.57	1	06/09/2021 21:54	WG1685537
BH-21	L1362550-05	C10-C28 Diesel Range	32.7		4.99	1	06/09/2021 22:08	WG1685537
BH-21	L1362550-05	C28-C36 Motor Oil Range	22.7		4.99	1	06/09/2021 22:08	WG1685537

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.9		1	06/08/2021 20:56	WG1684916

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	48.3		24.4	1	06/12/2021 21:55	WG1687222

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000611	1	06/10/2021 19:14	WG1685601
Toluene	ND		0.00611	1	06/10/2021 19:14	WG1685601
Ethylbenzene	ND		0.000611	1	06/10/2021 19:14	WG1685601
Total Xylene	ND		0.00183	1	06/10/2021 19:14	WG1685601
TPH (GC/FID) Low Fraction	ND		0.122	1	06/10/2021 19:14	WG1685601
(S) a,a,a-Trifluorotoluene(FID)	*114*		*77.0-120*		*06/10/2021 19:14*	WG1685601
(S) a,a,a-Trifluorotoluene(PID)	*111*		*72.0-128*		*06/10/2021 19:14*	WG1685601

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	ND		4.89	1	06/11/2021 02:42	WG1685536
C28-C36 Motor Oil Range	4.89		4.89	1	06/11/2021 02:42	WG1685536
(S) o-Terphenyl	*65.9*		*18.0-148*		*06/11/2021 02:42*	WG1685536

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.6		1	06/08/2021 20:56	WG1684916

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	45.0		23.1	1	06/12/2021 22:05	WG1687222

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000577	1	06/10/2021 19:35	WG1685601
Toluene	ND		0.00577	1	06/10/2021 19:35	WG1685601
Ethylbenzene	ND		0.000577	1	06/10/2021 19:35	WG1685601
Total Xylene	ND		0.00173	1	06/10/2021 19:35	WG1685601
TPH (GC/FID) Low Fraction	ND		0.115	1	06/10/2021 19:35	WG1685601
(S) a,a,a-Trifluorotoluene(FID)	*114*		*77.0-120*		*06/10/2021 19:35*	WG1685601
(S) a,a,a-Trifluorotoluene(PID)	*111*		*72.0-128*		*06/10/2021 19:35*	WG1685601

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	ND		4.62	1	06/09/2021 21:05	WG1685537
C28-C36 Motor Oil Range	6.04		4.62	1	06/09/2021 21:05	WG1685537
(S) o-Terphenyl	*62.2*		*18.0-148*		*06/09/2021 21:05*	WG1685537

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.8		1	06/08/2021 20:56	WG1684916

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	180		22.0	1	06/12/2021 23:02	WG1687222

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000556	1.01	06/10/2021 19:57	WG1685601
Toluene	ND		0.00556	1.01	06/10/2021 19:57	WG1685601
Ethylbenzene	ND		0.000556	1.01	06/10/2021 19:57	WG1685601
Total Xylene	ND		0.00167	1.01	06/10/2021 19:57	WG1685601
TPH (GC/FID) Low Fraction	ND		0.111	1.01	06/10/2021 19:57	WG1685601
(S) a,a,a-Trifluorotoluene(FID)	*114*		*77.0-120*		*06/10/2021 19:57*	WG1685601
(S) a,a,a-Trifluorotoluene(PID)	*111*		*72.0-128*		*06/10/2021 19:57*	WG1685601

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	ND		4.41	1	06/09/2021 21:19	WG1685537
C28-C36 Motor Oil Range	ND		4.41	1	06/09/2021 21:19	WG1685537
(S) o-Terphenyl	*56.1*		*18.0-148*		*06/09/2021 21:19*	WG1685537

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.6		1	06/08/2021 20:56	WG1684916

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	222		22.8	1	06/12/2021 23:11	WG1687222

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000571	1	06/10/2021 20:18	WG1685601
Toluene	ND		0.00571	1	06/10/2021 20:18	WG1685601
Ethylbenzene	ND		0.000571	1	06/10/2021 20:18	WG1685601
Total Xylene	ND		0.00171	1	06/10/2021 20:18	WG1685601
TPH (GC/FID) Low Fraction	ND		0.114	1	06/10/2021 20:18	WG1685601
(S) a,a,a-Trifluorotoluene(FID)	*113*		*77.0-120*		*06/10/2021 20:18*	WG1685601
(S) a,a,a-Trifluorotoluene(PID)	*110*		*72.0-128*		*06/10/2021 20:18*	WG1685601

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	5.77		4.57	1	06/09/2021 21:54	WG1685537
C28-C36 Motor Oil Range	9.38		4.57	1	06/09/2021 21:54	WG1685537
(S) o-Terphenyl	*65.9*		*18.0-148*		*06/09/2021 21:54*	WG1685537

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.1		1	06/08/2021 20:56	WG1684916

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	39.2		25.0	1	06/12/2021 23:21	WG1687222

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000624	1	06/11/2021 02:12	WG1685613
Toluene	ND		0.00624	1	06/11/2021 02:12	WG1685613
Ethylbenzene	ND		0.000624	1	06/11/2021 02:12	WG1685613
Total Xylene	ND		0.00187	1	06/11/2021 02:12	WG1685613
TPH (GC/FID) Low Fraction	ND		0.125	1	06/11/2021 02:12	WG1685613
(S) a,a,a-Trifluorotoluene(FID)	*114*		*77.0-120*		*06/11/2021 02:12*	WG1685613
(S) a,a,a-Trifluorotoluene(PID)	*111*		*72.0-128*		*06/11/2021 02:12*	WG1685613

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	32.7		4.99	1	06/09/2021 22:08	WG1685537
C28-C36 Motor Oil Range	22.7		4.99	1	06/09/2021 22:08	WG1685537
(S) o-Terphenyl	*45.6*		*18.0-148*		*06/09/2021 22:08*	WG1685537

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.9		1	06/08/2021 20:56	WG1684916

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chloride	ND		24.7	1	06/12/2021 23:30	WG1687222

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000618	1	06/11/2021 02:34	WG1685613
Toluene	ND		0.00618	1	06/11/2021 02:34	WG1685613
Ethylbenzene	ND		0.000618	1	06/11/2021 02:34	WG1685613
Total Xylene	ND		0.00185	1	06/11/2021 02:34	WG1685613
TPH (GC/FID) Low Fraction	ND		0.124	1	06/11/2021 02:34	WG1685613
(S) a,a,a-Trifluorotoluene(FID)	*112*		*77.0-120*		*06/11/2021 02:34*	WG1685613
(S) a,a,a-Trifluorotoluene(PID)	*109*		*72.0-128*		*06/11/2021 02:34*	WG1685613

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

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	ND		4.94	1	06/09/2021 22:21	WG1685537
C28-C36 Motor Oil Range	ND		4.94	1	06/09/2021 22:21	WG1685537
(S) o-Terphenyl	*37.5*		*18.0-148*		*06/09/2021 22:21*	WG1685537

Method Blank (MB)

(MB) R3664892-1 06/08/21 20:56

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00300			

L1362550-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1362550-06 06/08/21 20:56 • (DUP) R3664892-3 06/08/21 20:56

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	80.9	81.0	1	0.132		10

Laboratory Control Sample (LCS)

(LCS) R3664892-2 06/08/21 20:56

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3666572-1 06/12/21 19:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1362550-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1362550-02 06/12/21 22:05 • (DUP) R3666572-3 06/12/21 22:33

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	45.0	42.3	1	6.20		15

Original Sample (OS) • Duplicate (DUP)

(OS) • (DUP) R3666572-6 06/13/21 01:06

Analyte	Original Result	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride		69.3	1	3.44		15

Laboratory Control Sample (LCS)

(LCS) R3666572-2 06/12/21 20:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	199	99.4	80.0-120	

L1362550-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1362550-02 06/12/21 22:05 • (MS) R3666572-4 06/12/21 22:43 • (MSD) R3666572-5 06/12/21 22:52

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	577	45.0	624	611	100	98.1	1	80.0-120			2.12	15

Method Blank (MB)

(MB) R3666990-3 06/10/21 12:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*114*			*77.0-120*
(S) a,a,a-Trifluorotoluene(PID)	*111*			*72.0-128*

Laboratory Control Sample (LCS)

(LCS) R3666990-1 06/10/21 11:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0442	88.4	76.0-121	
Toluene	0.0500	0.0443	88.6	80.0-120	
Ethylbenzene	0.0500	0.0439	87.8	80.0-124	
Total Xylene	0.150	0.123	82.0	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			*113*	*77.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*111*	*72.0-128*	

Laboratory Control Sample (LCS)

(LCS) R3666990-2 06/10/21 11:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.60	102	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*103*	*77.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*117*	*72.0-128*	

Method Blank (MB)

(MB) R3667006-3 06/11/21 00:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*115*			*77.0-120*
(S) a,a,a-Trifluorotoluene(PID)	*112*			*72.0-128*

Laboratory Control Sample (LCS)

(LCS) R3667006-1 06/10/21 23:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0508	102	76.0-121	
Toluene	0.0500	0.0506	101	80.0-120	
Ethylbenzene	0.0500	0.0517	103	80.0-124	
Total Xylene	0.150	0.145	96.7	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			*113*	*77.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*110*	*72.0-128*	

Laboratory Control Sample (LCS)

(LCS) R3667006-2 06/11/21 00:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.85	106	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*104*	*77.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*118*	*72.0-128*	

Method Blank (MB)

(MB) R3666475-1 06/10/21 23:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	*64.6*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3666475-2 06/10/21 23:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	43.4	86.8	50.0-150	
(S) o-Terphenyl			*89.8*	*18.0-148*	

L1362547-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1362547-01 06/10/21 23:45 • (MS) R3666475-3 06/10/21 23:59 • (MSD) R3666475-4 06/11/21 00:12

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	60.0	ND	50.5	44.8	84.2	74.6	1	50.0-150			12.1	20
(S) o-Terphenyl					*76.0*	*70.7*		*18.0-148*				

Method Blank (MB)

(MB) R3665390-1 06/09/21 20:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	0.393	J	0.274	4.00
(S) o-Terphenyl	*74.2*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3665390-2 06/09/21 20:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	42.6	85.2	50.0-150	
(S) o-Terphenyl			*94.6*	*18.0-148*	

L1362556-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1362556-07 06/10/21 01:04 • (MS) R3665390-3 06/10/21 01:18 • (MSD) R3665390-4 06/10/21 01:32

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	62.5	ND	48.2	32.5	77.1	52.4	1	50.0-150		J3	38.9	20
(S) o-Terphenyl					*82.4*	*54.3*		*18.0-148*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

PACE

eTECH Environmental & Safety Solutions, Inc.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Centennial

Project Name: Airstream 501H Jet Pump

Project #: 13617 Project Loc: Lea County, NM

Area: ... PO#: 02545

☐ Bill Etech

L1362550

A101

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

Project Manager: Tim McMinn

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 62228

City/State/Zip: Midland, Texas 79711

Sampler Signature: [signature] email: tim@etechenv.com matt@etechenv.com

(lab use only)
ORDER #:

Analyze For: TCLP: ☐ ☐ ☐ ☐ TOTAL: ☐ ☐ ☐ ☐

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix (DW=Drinking Water SL=Sludge; GW = Groundwater S=Soil/Solid; NP=Non-Potable Specify Other)	TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
-01	BH-3			6/3/21	1222	1	x	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐
-02	BH-5			6/3/21	1225	1	x	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐
-03	BH-10			6/3/21	1220	1	x	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐
-04	BH-12			6/3/21	1218	1	x	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐
-05	BH-21			6/3/21	1210	1	x	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐
-06	BH-22			6/3/21	1213	1	x	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐
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						1	x	☐	☐	☐	☐	☐	☐	☐	S	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Sample Receipt Checklist

COC Seal Present/Intact:	_Y__N	If Applicable	
COC Signed/Accurate:	_Y__N	VOA Zero Headspace:	_Y__N
Bottles arrive intact:	_Y__N	Pres.Correct/Check:	_Y__N
Correct bottles used:	_Y__N		
Sufficient volume sent:	_Y__N		
RAD Screen <0.5 mR/hr:	Y N		

Special Instructions: Bill to Centennial Resource Development

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6-4-21	~~1230~~ 1128	[signature]		
Relinquished by: [signature]	6-4-21	1800	Received by:		
Relinquished by:			Received by: [signature]	6-5-21	~~1000~~ 1200

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
Sar by Sampler/Client Rep. ?	Y	N
Sar by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:		°C

3.8-.1=3.7 A260

PBELAB

SUMMARY REPORT

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

E Tech Environmental & Safety Solutions, Inc.		Project:	Airstream 501-H Jet Pump
13000 West County Road 100		Project Number:	13617
Odessa TX, 79765		Project Manager:	Tim McMinn
SAMPLED:	06/30/21	**REPORTED:**	07/08/21 14:39
RECEIVED:	07-06-202		

LAB #			1G07005-01	-	-	-	-	-
MATRIX	Minimum		Soil	-	-	-	-	-
SAMPLE ID	Reporting Limit		BH-21	-	-	-	-	-
General Chemistry Parameters by EPA / Standard Methods (Soil)								
% Moisture	0.1	%	8.0	-	-	-	-	-
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<27.2	-	-	-	-	-
>C12-C28	25.0	mg/kg dry	<27.2	-	-	-	-	-
>C28-C35	25.0	mg/kg dry	<27.2	-	-	-	-	-
1-Chlorooctane	130	[surr]	105%	-	-	-	-	-
o-Terphenyl	130	[surr]	109%	-	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	27.2	mg/kg dry	<27.2	-	-	-	-	-

Special Notes

1 = Samples received in Bulk soil containers
2 = Received on Ice

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Tim McMinn

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Airstream 501-H Jet Pump

Project Number: 13617

Location: Lea County, NM

Lab Order Number: 1G07005

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 07/08/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-21	1G07005-01	Soil	06/30/21 14:00	07-06-2021 17:06

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

BH-21

1G07005-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P1G0817	07/08/21 13:44	07/08/21 13:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P1G0704	07/07/21 12:00	07/07/21 16:43	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P1G0704	07/07/21 12:00	07/07/21 16:43	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P1G0704	07/07/21 12:00	07/07/21 16:43	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P1G0704*	*07/07/21 12:00*	*07/07/21 16:43*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P1G0704*	*07/07/21 12:00*	*07/07/21 16:43*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	07/07/21 12:00	07/07/21 16:43	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1G0817 - * DEFAULT PREP *** **										
Blank (P1G0817-BLK1)				Prepared & Analyzed: 07/08/21						
% Moisture	ND	0.1	%							
Duplicate (P1G0817-DUP1)		**Source: 1G07004-01**		Prepared & Analyzed: 07/08/21						
% Moisture	9.0	0.1	%		8.0			11.8	20	
Duplicate (P1G0817-DUP2)		**Source: 1G07008-01**		Prepared & Analyzed: 07/08/21						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P1G0817-DUP3)		**Source: 1G07009-08**		Prepared & Analyzed: 07/08/21						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P1G0817-DUP4)		**Source: 1G07010-06**		Prepared & Analyzed: 07/08/21						
% Moisture	9.0	0.1	%		9.0			0.00	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1G0704 - TX 1005										
Blank (P1G0704-BLK1)				Prepared & Analyzed: 07/07/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*52.3*		*"*	*50.0*		*105*	*70-130*			
LCS (P1G0704-BS1)				Prepared & Analyzed: 07/07/21						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125			
>C12-C28	993	25.0	"	1000		99.3	75-125			
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*51.5*		*"*	*50.0*		*103*	*70-130*			
LCS Dup (P1G0704-BSD1)				Prepared & Analyzed: 07/07/21						
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125	1.10	20	
>C12-C28	973	25.0	"	1000		97.3	75-125	1.97	20	
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*53.1*		*"*	*50.0*		*106*	*70-130*			
Calibration Check (P1G0704-CCV1)				Prepared & Analyzed: 07/07/21						
C6-C12	483	25.0	mg/kg wet	500		96.5	85-115			
>C12-C28	526	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*54.1*		*"*	*50.0*		*108*	*70-130*			
Calibration Check (P1G0704-CCV2)				Prepared & Analyzed: 07/07/21						
C6-C12	486	25.0	mg/kg wet	500		97.2	85-115			
>C12-C28	507	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*54.3*		*"*	*50.0*		*109*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1G0704 - TX 1005										
Calibration Check (P1G0704-CCV3)				Prepared: 07/07/21 Analyzed: 07/08/21						
C6-C12	527	25.0	mg/kg wet	500		105	85-115			
>C12-C28	562	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*57.5*		*"*	*50.0*		*115*	*70-130*			
Matrix Spike (P1G0704-MS1)		**Source: 1G07008-07**		Prepared & Analyzed: 07/07/21						
C6-C12	1090	26.6	mg/kg dry	1060	ND	103	75-125			
>C12-C28	1020	26.6	"	1060	29.5	93.3	75-125			
Surrogate: 1-Chlorooctane	*105*		*"*	*106*		*98.8*	*70-130*			
Surrogate: o-Terphenyl	*54.6*		*"*	*53.2*		*103*	*70-130*			
Matrix Spike Dup (P1G0704-MSD1)		**Source: 1G07008-07**		Prepared: 07/07/21 Analyzed: 07/08/21						
C6-C12	1090	26.6	mg/kg dry	1060	ND	102	75-125	0.527	20	
>C12-C28	1020	26.6	"	1060	29.5	93.4	75-125	0.0985	20	
Surrogate: 1-Chlorooctane	*105*		*"*	*106*		*98.7*	*70-130*			
Surrogate: o-Terphenyl	*54.3*		*"*	*53.2*		*102*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 501-H Jet Pump
13000 West County Road 100	Project Number: 13617
Odessa TX, 79765	Project Manager: Tim McMinn

Notes and Definitions

ROI	Received on Ice
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 7/8/2021

Brent Barron, Laboratory Director/Technical Director

LDD CIC WDD

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Tim McMinn

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432)230-3763 Fax No:

Sampler Signature: e-mail: Matt@etechenv.com tim@etechenv.com

Project Name: Airstream 501H Set Pump

Project #: 13617

Project Loc: Lea Co NM

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1G07005

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 8015B 8015M	TOTAL: TPH: 418.1	TPH: TX 1005 Ext	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	BH 21		9'	6-30-21	2:00 pm		1	1								S	X															

Special Instructions:
Bill to Centennial Resource

Relinquished by:	Date	Time	Received by:	Date	Time
	7-2	17:06			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	7/6/21	17:06

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?		N
Labels on container(s)		N
Custody seals on container(s)		N
Custody seals on cooler(s)		N
Sample Hand Delivered by Sampler/Client Rep. ?		N
by Courier? UPS DHL FedEx Lone Star	Y	N

Temperature Upon Receipt:
Received: 3.0/4.5 °C
Adjusted: °C Factor 1.2

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	nAPP2035932766
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165
Contact Name: Jamon Hohensee	Contact Telephone: 432-241-4283
Contact email: jamon.hohensee@cdevinc.com	Incident # nAPP2035932766
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

Location of Release Source

Latitude 32.38603 Longitude -103.42875
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Airstream 24 SC 501H	Site Type: Production Facility
Date Release Discovered: 12/22/20	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
M	13	22S	34E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: San Simon Ranch*)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 16	Volume Recovered (bbls)5
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
A failed block seal caused a leak on the jet pump causing fluids to be released in the area around the pump.

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Jamon Hohensee Title: Sr. Environmental Analyst

Signature: _____ Date: 2/11/21

email: jamon.hohensee@cdevinc.com Telephone: 432-241-4283

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2035932766
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 vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2035932766
District RP	
Facility ID	
Application ID	

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: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2035932766
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Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: _____

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

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2035932766
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 44776

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 44776
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	9/28/2021