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: Samon Hohensez	Title: S. Environmental Analyst		
Signature: 50-11.	Date: 8-27-21		
email: jamon. hohenstell carvine.com	Telephone: 432 - 241 - 428 3		
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:	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
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	1

# Location of Release Source

Latitude 32.38603\_

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

	Site Type: Production Facility
Date Release Discovered: 12/22/20	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	13	228	34E	Lea

Surface Owner: State Federal Tribal Private (Name: San Simon Ranch\_

## Nature and Volume of Release

Crude Oil	rial(s) Released (Select all that apply and attach calculations or speci 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.

age 3 of 191

### State of New Mexico Oil Conservation Division

Incident ID	nAPP2035932766
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🛛 No	
If YES, was immediate no	otice 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

 $\boxtimes$  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

Date: 2/11/21\_\_\_\_\_

Date: \_\_\_\_\_

11. h Sam Signature:

email: jamon.hohensee@cdevinc.com

Telephone: 432-241-4283

\_\_\_\_\_

OCD Only

Received by:

age 4 of 191

State of New Mexico Oil Conservation Division

Incident ID	nAPP2035932766
District RP	
Facility ID	
Application ID	

**N**)

# 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?	$\angle 50^{++}$ (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?	TYes 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 GU
  - Photographs including date and GIS information
- Topographic/Aerial maps
  - Laboratory data including chain of custody

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

Form C-141	State of New Mexico		T 11 TD	
Page 4	Oil Conservation Divisi	on	Incident ID	nAPP203593
-		011	District RP	_
			Facility ID	
			Application ID	
public health or the environ failed to adequately investi	formation given above is true and complete to e required to report and/or file certain release ment. The acceptance of a C-141 report by gate and remediate contamination that pose a of a C-141 report does not relieve the second	the OCD does not relieve	n corrective actions for rel the operator of liability sh	eases which may en nould their operation
public health or the environ failed to adequately investi	vivuncu to icourt and/or the certain release	notifications and perform the OCD does not relieve threat to groundwater, so or of responsibility for co	n corrective actions for rel the operator of liability sh urface water, human health mpliance with any other fe	eases which may en nould their operation n or the environment ederal, state, or local
public health or the environ failed to adequately investi addition, OCD acceptance	nment. The acceptance of a C-141 report by the gate and remediate contamination that pose a	notifications and perform the OCD does not relieve threat to groundwater, so or of responsibility for co	n corrective actions for rel the operator of liability sh	eases which may en nould their operation n or the environmen ederal, state, or local
public health or the environ failed to adequately investi addition, OCD acceptance and/or regulations.	nment. The acceptance of a C-141 report by the gate and remediate contamination that pose a	notifications and perform the OCD does not relieve threat to groundwater, so or of responsibility for co	n corrective actions for rel e the operator of liability sh urface water, human health mpliance with any other fe	eases which may en nould their operation or the environment ederal, state, or local

<u>OCD</u>	Only

Received by:

Date:

•

Form C-141 Page 5

age 6 of 19.

State of New Mexico Oil Conservation Division

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

Detailed description of proposed remediation technique

Incident ID	nAPP2035932766
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

X 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. Hohensec Title: Sr. Environmentel Analyst Date: 8-27-21 Printed Name: Samon Signature: hohensee Catevine com Telephone: 432-241.4283 email: jamon. **OCD Only** Received by: Date: Approved with Attached Conditions of Approval Approved Denied Deferral Approved Signature: Date:

Released to Imaging: 9/28/2021 2:29:06 PM

Form C-141 Page 6

age 7 of 191

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: <u>Samon Hohensee</u> Signature: <u>So /1.1</u> email: <u>jamon. hohensee@cdevinc.com</u>	
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible pare remediate contamination that poses a threat to groundwater, surfa party of compliance with any other federal, state, or local laws ar	rty of liability should their operations have failed to adequately investigate and ace water, human health, or the environment nor does not relieve the responsible nd/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 32.38603° North, Longitude 103.42875° 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

## TABLE OF CONTENTS

INTRODUCTION	1
NMOCD SITE CLASSIFICATION	1
SUMMARY OF SOIL REMEDIATION ACTIVITIES	1
SOIL DISPOSAL AND BACKFILL ACTIVITIES	3
SITE CLOSURE REQUEST	3
LIMITATIONS	
DISTRIBUTION	4

### **FIGURES**

Figure 1 – Site Location Map Figure 2 – Site Details & Confirmation Sample Map

### **TABLES**

Table 1 – Confirmation Sample Results, Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil

Table 2 – Landowner Confirmation Split Sample Results, Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil

### APPENDICES

- Appendix A Photographic Documentation
- Appendix B Analytical Reports

Appendix C – Release Notification and Corrective Action (Form C-141) (# nAPP2035932766)

#### **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. 38603° North and 103. 42875° 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





.

## 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

				METHODS:	SW 846-80211	B	METHOD: SW 8015M						
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	<b>TPH DRO</b> C <sub>12</sub> -C <sub>28</sub>	<b>TPH ORO</b> C <sub>28</sub> -C <sub>35</sub>	ТОТАL ТРН С <sub>6</sub> -С <sub>35</sub>	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg		-		100 mg/Kg	600 mg/Kg
		•			E	Bottom Hole S	ample 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

				METHODS:	SW 846-80211	B			Ν	IETHOD: SW 801	15M	E 300.0	
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	<b>TPH DRO</b> C <sub>12</sub> -C <sub>28</sub>	<b>TPH ORO</b> C <sub>28</sub> -C <sub>35</sub>	ТОТАL ТРН С <sub>6</sub> -С <sub>35</sub>	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	<b>489.0</b>	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	<mark>6,476</mark>	293
BH 22 @ 9'	5/5/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
						Side Wall Sa							
NEP @ 18''	3/3/2021	ND	ND	ND	ND	North Si ND	de Wall 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

				METHODS:	SW 846-80211	3			Ν	IETHOD: SW 801	5M		E 300.0
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	<b>TPH DRO</b> C <sub>12</sub> -C <sub>28</sub>	<b>TPH ORO</b> C <sub>28</sub> -C <sub>35</sub>	ТОТАL ТРН С <sub>6</sub> -С <sub>35</sub>	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
						South Si	de 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	-
			1			West Sid	1						
WWP @ 18''	3/3/2021	0.00110	0.00464	0.00108	ND	0.00101	0.00101	0.00783	ND	518 ND	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
			T			East Sid	le Wall						T
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

				METHODS:	SW 846-80211		e reported in mg/Kg	5	Ν	IETHOD: SW 801	15M		E 300.0
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>10</sub>	<b>TPH DRO</b> C <sub>10</sub> -C <sub>28</sub>	<b>TPH ORO</b> C <sub>28</sub> -C <sub>36</sub>	ТОТА <b>L</b> ТРН С <sub>6</sub> -С <sub>36</sub>	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
						Landowner Sa	ample 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.

#### Photographic Documentation





Page 21 of 191

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

Photo No: 3.	
Direction Taken:	A A A A A A A A A A A A A A A A A A A
Southwest	
Description:	The here is a second with the second se
View of the release area.	
	2 29 2020



Page 22 of 191

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





Photographic Documentation





Photographic Documentation



North

Description:

View of the remediation activities.



#### Photographic Documentation





Photographic Documentation







Page 1 of 7

E Tech Environ								
13000 West Coun	nty Road 100			Project Number: 13617				
Odessa TX, 7976	5			Project Manager: Matt Green				
SAMPLED: RECEIVED:	02/24/21 to 03/05/21 03-09-202			REPORTE	<b>D:</b> 03/22	2/21 14:17		
LAB #			1C09014-01	1C09014-02	1C09014-03	1C09014-04	1C09014-05	1C09014-06
MATRIX	Mir	iimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Repor	ting Limit	BH 1 @ 3'	BH 2 @ 3'	BH 3 @ 3'	BH 4 @ 42"	BH 5 @ 42"	BH 6 @ 4'
BTEX by 8021B	(Soil)							
Benzene		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-Bromofluorobenzen	ne 120	[surr]	93.4%	101%	96.3%	96.5%	87.9%	92.9%
General Chemis	try Parameters by EPA ,	/ Standar	d Methods (Soil)	)				
Chloride		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 M	ethod 8015M (S	oil)				
C6-C12	-	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 Hydr	rocarbon C6-C35 26.6	mg/kg dry	-	-	1230	-	1370	777
Total Petroleum Hydr	rocarbon C6-C35 29.1	mg/kg dry	-	<29.1	-	-	-	-
Total Petroleum Hydr	rocarbon C6-C35 29.4	mg/kg dry	63.6	-	-	-	-	-
Total Petroleum Hydr	rocarbon C6-C35 29.8	mg/kg dry	-	-	-	206	-	-

**SUMMARY REPORT** 

Permian Basin Environmental Lab, L.P.

anon

Sara Gotcher For Brent Barron Technical Director



Page 2 of 7

		-						
E Tech Environme	ental & Safety Solutions,	, Inc.			Project: Airstrea	am 501-H Jet Pun	np	
13000 West County	Road 100			Project	Number: 13617			
Odessa TX, 79765				Project Manager: Matt Green				
				REPORTE	<b>D:</b> 03/22/2	21 14:17		
_AB #			1C09014-07	1C09014-08	1C09014-09	1C09014-10	1C09014-11	1C09014-12
MATRIX	Mir	nimum	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Repor	ting Limit	BH 7 @ 54"	BH 8 @ 7'	BH 9 @ 42"	BH 10 @ 3'	BH 11 @ 30"	BH 12 @ 18"
BTEX by 8021B (S	oil)							
Benzene	-	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	/ Standar	d 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
Fotal Petroleum H	ydrocarbons C6-C35	by EPA M	ethod 8015M (S	oil)				
C6-C12	-	- 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 Hydroca	arbon C6-C35 26.3	mg/kg dry	-	-	-	-	-	1740
Total Petroleum Hydroca	arbon C6-C35 26.6	mg/kg dry	-	-	368	-	-	-
Total Petroleum Hydroca	arbon C6-C35 26.9	mg/kg dry	-	51.5	-	-	-	-
Total Petroleum Hydroca	arbon C6-C35 27.2	mg/kg dry	-	-	-	175	-	-
Total Petroleum Hydroca	arbon C6-C35 28.4	mg/kg dry	155	-	-	-	-	-
Total Petroleum Hydroca	arbon C6-C35 26.0	mg/kg dry	-	-	-	-	165	-

**SUMMARY REPORT** 

#### Permian Basin Environmental Lab, L.P.

anon

#### Sara Gotcher For Brent Barron Technical Director



Page 3 of 7

E Tech Environ	ech Environmental & Safety Solutions, Inc.					Project: Airstream 501-H Jet Pump				
13000 West Cou	nty Road 100			Project Number: 13617						
Odessa TX, 7976	5				Project N	Manager:	Matt Gr	een		
SAMPLED: RECEIVED:	02/24/21 to 03/0 03-09-202	)5/21			REPORTE	D:	03/22/2	21 14:17		
LAB #				1C09014-13	1C09014-14	1C0901	4-15	1C09014-16	1C09014-17	1C09014-18
MATRIX		Minimu	um	Soil	Soil	Soi	I	Soil	Soil	Soil
SAMPLE ID		Reporting	J Limit	BH 13 @ 2'	BH 14 @ 3'	BH 15 @	۵ מ	BH 16 @ 3'	BH 17 @ 42"	BH 18 @ 42"
BTEX by 8021B (Soil)										
Benzene		0.00100 m	ıg/kg dry	<0.00102	<0.00102	< 0.00	102	<0.00103	<0.00103	0.00279
Toluene		0.00100 m	ıg/kg dry	0.00244	0.00476	0.003	09	0.00145	0.00261	0.0292
Ethylbenzene		0.00100 m	ıg/kg dry	0.00108	0.00212	<0.00	102	<0.00103	<0.00103	0.00708
Xylene (p/m)		0.00200 m	ıg/kg dry	0.00213	0.00498	0.002	17	<0.00206	<0.00206	0.0167
Xylene (o)		0.00100 m	g/kg dry	0.0759	0.00192	<0.00	102	<0.00103	<0.00103	0.00788
1,4-Difluorobenzene		120 [s	surr]	99.3%	100%	97.9	%	97.5%	96.8%	102%
4-Bromofluorobenze	ne	120 [s	surr]	94.3%	103%	1039	%	102%	99.5%	92.4%
General Chemis	stry Parameters	by EPA / S	Standard	Methods (Soil	)					
Chloride	-	•	g/kg dry	1.37	13.3	1.43	1	2.75	29.9	9.31
% Moisture		0.1 %	)	2.0	2.0	2.0	)	3.0	3.0	3.0
Total Petroleun	n Hydrocarbons	C6-C35 bv	EPA Me	thod 8015M (S	ioil)					
C6-C12	,	-	ig/kg dry	<25.5	<25.5	<25.	.5	<25.8	<25.8	<25.8
>C12-C28		25.0 m	g/kg dry	50.4	101	88.3	1	39.4	60.9	172
>C28-C35		25.0 m	g/kg dry	<25.5	<25.5	<25	.5	<25.8	<25.8	<25.8
1-Chlorooctane		130 [s	surr]	109%	102%	1049	%	101%	98.2%	98.1%
o-Terphenyl		130 [s	surr]	120%	112%	1169	%	112%	110%	109%
Total Petroleum Hyd	rocarbon C6-C35	25.5 m	g/kg dry	50.4	101	88.3	1	-	-	-
Total Petroleum Hyd	rocarbon C6-C35	25.8 m	g/kg dry	-	-	-		39.4	60.9	172

**SUMMARY REPORT** 

Permian Basin Environmental Lab, L.P.

anon

Sara Gotcher For Brent Barron Technical Director



Page 4 of 7

E Tech Environmental & Safety Solutions, Inc.				Project: Airstream 501-H Jet Pump					
13000 West County	y Road 100			Project	t Number:	13617			
Odessa TX, 79765				Project Manager: Matt Green					
	02/24/21 to 03/05/21 03-09-202			REPORTI	ED:	03/22/2	21 14:17		
LAB #			1C09014-19	1C09014-20	1C0903	14-21	1C09014-22	1C09014-23	1C09014-24
MATRIX	Μ	inimum	Soil	Soil	So	il	Soil	Soil	Soil
SAMPLE ID	Repo	orting Limit	BH 19 @ 42"	BH 20 @ 3'	BH 21	@ 7'	BH 22 @ 3'	NEP @ 18"	NWP @ 30"
BTEX by 8021B (	Soil)								
Benzene	0.0010	0 mg/kg dry	0.00211	<0.00103	0.62	25	<0.0215	<0.00104	<0.00102
Toluene	0.0010	0 mg/kg dry	0.0192	0.00820	17.	9	2.15	<0.00104	<0.00102
Ethylbenzene	0.0010	0 mg/kg dry	0.00922	0.00379	24.	4	5.42	<0.00104	<0.00102
Xylene (p/m)	0.0020	0 mg/kg dry	0.0104	0.00788	43.	0	18.6	<0.00208	<0.00204
Xylene (o)	0.0010	0 mg/kg dry	0.0123	0.00654	18.	1	5.16	<0.00104	<0.00102
1,4-Difluorobenzene	12	0 [surr]	98.7%	97.7%	94.9	%	87.1%	105%	85.1%
4-Bromofluorobenzene	12	0 [surr]	87.7%	95.3%	65.2%	5]	59.0% [5]	87.1%	73.6% [5]
General Chemistr	ry Parameters by EPA	/ Standar	d Methods (Soil)	)					
Chloride	1.0	0 mg/kg dry	9.03	8.39	137	70	293	69.6	35.6
% Moisture	0	1 %	3.0	3.0	5.0	D	7.0	4.0	2.0
Total Petroleum I	Hydrocarbons C6-C3	by EPA M	ethod 8015M (S	oil)					
C6-C12	•	0 mg/kg dry	<25.8	<25.8	311	.0	999	<26.0	<25.5
>C12-C28	25	0 mg/kg dry	420	72.5	158	00	4780	250	266
>C28-C35	25	0 mg/kg dry	69.0	<25.8	219	90	697	68.2	52.8
1-Chlorooctane	13	0 [surr]	100%	99.8%	122	%	96.3%	90.6%	97.4%
o-Terphenyl	13	0 [surr]	111%	110%	124	%	101%	96.3%	103%
Total Petroleum Hydrod	carbon C6-C35 26	9 mg/kg dry	-	-	-		6470	-	-
Total Petroleum Hydrod	carbon C6-C35 13	2 mg/kg dry	-	-	211	00	-	-	-
Total Petroleum Hydrod	carbon C6-C35 25	5 mg/kg dry	-	-	-		-	-	318
Total Petroleum Hydrod	carbon C6-C35 25	8 mg/kg dry	489	72.5	-		-	-	-
Total Petroleum Hydrod	carbon C6-C35 26	0 mg/kg dry	-	-	-		-	318	-

**SUMMARY REPORT** 

Permian Basin Environmental Lab, L.P.

anon

Sara Gotcher For Brent Barron Technical Director



Page 5 of 7

E Tech Environ	mental & Safety	Solutions, Inc.		Project: Airstream 501-H Jet Pump						
13000 West Cour	nty Road 100			Project	Number: 13617					
Odessa TX, 7976	5			Project Manager: Matt Green						
SAMPLED: RECEIVED:				<b>REPORTED:</b> 03/22/21 14:17						
AB #			1C09014-25	1C09014-26	1C09014-27	1C09014-28	1C09014-29	1C09014-30		
IATRIX		Minimum	Soil	Soil	Soil	Soil	Soil	Soil		
AMPLE ID		Reporting Limit	NW @ 2'	NWT- #2 @ 30"	EWT- #1 @ 3'	EWT- #2 @ 2'	EWT- #3 @ 3'	EWT- #4 @ 18"		
3TEX 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-Bromofluorobenzei	ne	120 [surr]	70.8% [5]	71.7% [5]	53.4% [5]	54.3% [5]	51.8% [5]	50.9% [5]		
General Chemis	try Parameters	s by EPA / Standa	ord Methods (So	il)						
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		
otal Petroleum	h Hydrocarbons	s C6-C35 by EPA l	Method 8015M (	(Soil)						
C6-C12		25.0 mg/kg dry	<27.5	<25.0	<25.5	<26.3	<25.5	<25.3		
Total Petroleum Hyd	rocarbon C6-C35	26.3 mg/kg dry	-	-	-	270	-	-		
Total Petroleum Hyd	rocarbon C6-C35	27.5 mg/kg dry	317	-	-	-	-	-		
Total Petroleum Hyd	rocarbon C6-C35	25.0 mg/kg dry	-	<25.0	-	-	-	-		
Total Petroleum Hyd	rocarbon C6-C35	25.3 mg/kg dry	-	-	-	-	-	<25.3		
Total Petroleum Hyd	rocarbon 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%		

**SUMMARY REPORT** 

#### Permian Basin Environmental Lab, L.P.

anon

#### Sara Gotcher For Brent Barron Technical Director



Page 6 of 7

E Tech Enviro	nmental & Safety	Solutions, Inc.		Project: Airstream 501-H Jet Pump				
13000 West Cou	unty Road 100			Project Number: 13617				
Odessa TX, 797	65			Project Manager: Matt Green				
SAMPLED: RECEIVED:	02/24/21 to 03/ 03-09-202	05/21		REPORTE	<b>D:</b> 03/22/2	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 8021E	3 (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	e	120 [surr]	85.3%	83.4%	83.8%	84.9%	85.6%	84.7%
4-Bromofluorobenze	ene	120 [surr]	49.3% [5]	48.1% [5]	50.6% [5]	48.9% [5]	52.2% [5]	61.0% [5]
General Chemi	stry Parameters	s by EPA / Standa	ard Methods (So	il)				
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 Petroleur	m Hydrocarbons	C6-C35 by EPA	Method 8015M (	(Soil)				
C6-C12	-	25.0 mg/kg dry		<26.0	<25.8	<25.5	<26.0	<25.3
Total Petroleum Hy	drocarbon C6-C35	25.3 mg/kg dry		-	-	-	-	625
Total Petroleum Hy	drocarbon C6-C35	25.5 mg/kg dry	<25.5	-	-	56.7	-	-
Total Petroleum Hy	drocarbon C6-C35	25.8 mg/kg dry	/ -	-	<25.8	-	-	-
Total Petroleum Hy	drocarbon C6-C35	26.0 mg/kg dry	/ -	<26.0	-	-	462	-
>C12-C28		25.0 mg/kg dry	v <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%

**SUMMARY REPORT** 

Permian Basin Environmental Lab, L.P.

anon

Sara Gotcher For Brent Barron Technical Director



#### SUMMARY REPORT

Page	ד נ	of	7
I aye	- /	UI.	1

E Tech Environmenta	al & Safety Solutions,	Inc.	Project: Airstream 501-H Jet Pump							
13000 West County Ro	ad 100			Project Number: 13617						
Odessa TX, 79765				Project N	lanager: Matt G	reen				
	24/21 to 03/05/21 9-202			REPORTE	<b>D:</b> 03/22/	21 14:17				
LAB #			1C09014-37	1C09014-38	1C09014-39	1C09014-40	1C09014-41	1C09014-42		
MATRIX	Mini	mum	Soil	Soil	Soil	Soil	Soil	Soil		
SAMPLE ID	Reporti	ng 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 P	arameters by EPA /	Standard	l 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 Hyd	rocarbons C6-C35 b	y EPA Me	thod 8015M (S	Soil)						
C6-C12	25.0	mg/kg dry	<25.3	<25.3	<25.3	<25.3	<25.8	<25.8		
Total Petroleum Hydrocarbo	on C6-C35 25.3	mg/kg dry	<25.3	<25.3	<25.3	<25.3	-	-		
Total Petroleum Hydrocarbo	on 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.

anor

## Sara Gotcher For Brent Barron

Technical Director

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



# 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/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]	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	

#### 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

Permian Basin Environmental Lab, L.P.
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)

		1009	014-01 (50)	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin H	Environmer	ital Lab, I	L.P.				
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 %	80-1	20	P1C0814	03/10/21	03/10/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.0 %	80-1	20	P1C0814	03/10/21	03/10/21	EPA 8021B	
General Chemistry Parameters by EP.	A / Standard Method	ls							
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-C3	5 by EPA Method 80	15M							
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 %	70-1	30	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-1	30	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	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			H 2 @ 3' 014-02 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, l	L <b>.P.</b>				
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 %	80-1.	20	P1C0814	03/10/21	03/10/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.7 %	80-1.	20	P1C0814	03/10/21	03/10/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ds							
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 EP	A Method 8	015M							
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 %	70-1.	30	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: o-Terphenyl		123 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			H 3 @ 3' 014-03 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ital Lab, I	L <b>.P.</b>				
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 %	80-1	20	P1C0814	03/10/21	03/10/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.3 %	80-1	20	P1C0814	03/10/21	03/10/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
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 8	015M							
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 %	70-1	30	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-1	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			H 4 @ 42'' 014-04 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	ital Lab, l	L <b>.P.</b>				
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 %	80-1.	20	P1C0814	03/10/21	03/10/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.1 %	80-1.	20	P1C0814	03/10/21	03/10/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
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 8	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 %	70-1.	30	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			H 5 @ 42'' 014-05 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, l	L <b>.P.</b>				
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 (0)	0.00402	0.00106	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.8 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.9 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
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 8	015M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			H 6 @ 4' 014-06 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, l	<b>P.</b>				
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 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ds							
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 EP.	A Method 8	015M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			I 7 @ 54'' 014-07 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Invironmen	tal Lab, l	L <b>.P.</b>				
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 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.5 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
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 8	015M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			H 8 @ 7' 014-08 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	ital Lab, l	L <b>.P.</b>				
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 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.0 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
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 8	015M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-1.	30	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 Nu	oject: Airstre mber: 13617 nager: Matt G		et Pump			Fax: (432) 56	53-2213
		H 9 @ 42'' 9014-09 (So	il)					
Analyte	Reportin Result Lim	0	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian Basin	Environme	ntal Lab, 1	L <b>.P.</b>				
BTEX by 8021B								
Benzene	ND 0.0010	5 mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene 0.	0.0010	5 mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Ethylbenzene 0.	0.0010	6 mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (p/m) 0.0	0.0021	3 mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Xylene (o) 0.0	0.0010	6 mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.2 %	6 80-1	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.8 %	6 80-1	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Standar	d Methods							
Chloride	<b>14.2</b> 1.0	6 mg/kg dry	1	P1C1601	03/16/21	03/17/21	EPA 300.0	
% Moisture	<b>6.0</b> 0.	1 %	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA M	1ethod 8015M							
C6-C12	ND 26.	6 mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C12-C28	<b>324</b> 26.	6 mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
>C28-C35	<b>43.2</b> 26.	6 mg/kg dry	1	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: 1-Chlorooctane	113 %	6 70-1	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl	122 %	6 70-1	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	<b>368</b> 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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			H 10 @ 3' 014-10 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmer	ıtal Lab, I	L.P.				
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 %	80-1	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.2 %	80-1	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
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	A Method 8	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 %	70-1	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-1	30	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 Num	ect: Airstrear ber: 13617 ger: Matt Gre		et Pump			Fax: (432) 56	3-2213
			11 @ 30'' 014-11 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Cnvironment	al Lab, l	<b>P.</b>				
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 %	80-12	0	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.2 %	80-12	0	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ods							
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 EP	A Method 8	015M							
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 %	70-13	0	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-13	0	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	

Permian Basin Environmental Lab, L.P.

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								53-2213
			12 @ 18'' 014-12 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin H	Invironme	ntal Lab, l	L <b>.P.</b>				
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 %	80-1	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-1	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Meth	ods							
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 %	70-1	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		134 %	70-1	30	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	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			H 13 @ 2' 014-13 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	ital Lab, l	L <b>.P.</b>				
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 (0)	0.0759	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.3 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.3 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
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	A Method 8	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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-1.	30	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	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Fax: (432) 56	53-2213						
			H 14 @ 3' 014-14 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	L.P.				
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 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
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 8	015M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-1.	30	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] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			15 @ 30'' 014-15 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Invironmen	ital Lab, l	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C1103	03/11/21	03/11/21	EPA 8021B	
Toluene	).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	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 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.9 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
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 8	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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-1.	30	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		Fax: (432) 56	53-2213						
			H 16 @ 3' 014-16 (Soi	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, l	L.P.				
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 %	80-12	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.5 %	80-12	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ods							
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 EP	A Method 8	015M							
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 %	70-13	80	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-13	80	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			17 @ 42'' 014-17 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	ital Lab, l	<b>P.</b>				
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 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.8 %	80-1.	20	P1C1103	03/11/21	03/11/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	dard Metho	ods							
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 EP.	A Method 8	015M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-1.	30	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] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			18 @ 42'' 014-18 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Invironmen	tal Lab, l	L. <b>P.</b>				
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 %	80-1.	20	<i>P1C1110</i>	03/11/21	03/12/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-1.	20	<i>P1C1110</i>	03/11/21	03/12/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Method	s							
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 801	15M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			19 @ 42'' 014-19 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin F	Invironmen	ital Lab, l	L.P.				
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 %	80-1.	20	<i>P1C1110</i>	03/11/21	03/12/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.7 %	80-1.	20	<i>P1C1110</i>	03/11/21	03/12/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Method	ls							
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 80	)15M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-1.	30	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		Fax: (432) 56	53-2213						
			H 20 @ 3' 014-20 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	mian Basin F	Invironmen	ital Lab, l	<b>P.</b>				
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 %	80-1.	20	<i>P1C1110</i>	03/11/21	03/12/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.3 %	80-1.	20	<i>P1C1110</i>	03/11/21	03/12/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
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 8	015M							
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 %	70-1.	30	P1C1008	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			H 21 @ 7' 014-21 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmer	ntal Lab, I	L <b>.P.</b>				
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 (0)	18.1	0.105	mg/kg dry	100	P1C1110	03/11/21	03/12/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		65.2 %	80-1	20	<i>P1C1110</i>	03/11/21	03/12/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		94.9 %	80-1	20	<i>P1C1110</i>	03/11/21	03/12/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ds							
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 8	015M							
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 %	70-1	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-1	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			H 22 @ 3' 014-22 (So	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin H	Environme	ntal Lab, l	L <b>.P.</b>				
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 (0)	5.16	0.108	mg/kg dry	100	P1C1511	03/15/21	03/17/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		59.0 %	80-1	20	P1C1511	03/15/21	03/17/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		87.1 %	80-1	20	P1C1511	03/15/21	03/17/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Meth	ods							
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 %	70-1	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1	30	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		Fax: (432) 56	3-2213						
			EP @ 18'' 014-23 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, l	<b>P.</b>				
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 %	80-1.	20	P1C1511	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-1.	20	P1C1511	03/15/21	03/16/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
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 8	015M							
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 %	70-1.	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		96.3 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			VP @ 30'' 014-24 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin H	Environmer	ntal Lab, I	L <b>.P.</b>				
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 %	80-1	20	P1C1511	03/15/21	03/16/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		85.1 %	80-1	20	P1C1511	03/15/21	03/16/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
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 8	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 %	70-1	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-1	30	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] 13000 West County Road 100 Odessa TX, 79765	Inc. [1] Project: Airstream 501-H Jet Pump Project Number: 13617 Project Manager: Matt Green								53-2213
			W @ 2' 014-25 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Invironmen	tal Lab, l	L <b>.P.</b>				
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 %	80-12	20	P1C1511	03/15/21	03/16/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		91.4 %	80-12	20	P1C1511	03/15/21	03/16/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ods							
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 EP	A Method 8	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 %	70-13	80	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-13	80	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										
			Г- #2 @ 30'' 014-26 (Soil)							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Pe	rmian Basin F	Environment	al Lab, l	L <b>.P.</b>					
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 %	80-12	0	P1C1511	03/15/21	03/16/21	EPA 8021B		
Surrogate: 4-Bromofluorobenzene		71.7 %	80-12	0	P1C1511	03/15/21	03/16/21	EPA 8021B	S-GC	
General Chemistry Parameters by EPA / Stan	dard Meth	ods								
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 EP.	A Method 8	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 %	70-13	0	P1C1007	03/10/21	03/11/21	TPH 8015M		
Surrogate: o-Terphenyl		95.4 %	70-13	0	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		

Г

٦

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Pro Project Num Project Mana	Fax: (432) 56	3-2213					
		/T- #1 @ 3' 0014-27 (Soil)	)					
Analyte Ro	Reporting esult Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian Basin	Environment	al Lab, l	L.P.				
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 %	80-12	0	P1C1511	03/15/21	03/16/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	83.7 %	80-12	0	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	<b>2.0</b> 0.1	%	1	P1C1104	03/11/21	03/11/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Me	thod 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 %	70-13	0	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl	101 %	70-13	0	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	53-2213
			T- #2 @ 2 014-28 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmer	ital Lab, I	L.P.				
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 %	80-1	20	P1C1511	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		54.3 %	80-1	20	P1C1511	03/15/21	03/16/21	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
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 8	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 %	70-1	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-1	30	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] 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1] Project: Airstream 501-H Jet Pump Project Number: 13617 Project Manager: Matt Green									
			T- #3 @ 3 014-29 (Soi							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Per	rmian Basin F	Environmen	ital Lab, I	L <b>.P.</b>					
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 %	80-1.	20	P1C1512	03/15/21	03/16/21	EPA 8021B		
Surrogate: 4-Bromofluorobenzene		51.8 %	80-1.	20	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC	
General Chemistry Parameters by EPA / Standa	ard Metho	ods								
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 8	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 %	70-1.	30	P1C1007	03/10/21	03/11/21	TPH 8015M		
Surrogate: o-Terphenyl		111 %	70-1.	30	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	t County Road 100 Project Number: 13617									
			Г- #4 @ 18' 014-30 (Soil							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Peri	nian Basin H	Environment	tal Lab, l	L.P.					
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 %	80-12	0	P1C1512	03/15/21	03/16/21	EPA 8021B		
Surrogate: 4-Bromofluorobenzene		50.9 %	80-12	0	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC	
General Chemistry Parameters by EPA / Stan	dard Metho	ds								
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 EF	A Method 8	)15M								
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 %	70-13	0	P1C1007	03/10/21	03/11/21	TPH 8015M		
Surrogate: o-Terphenyl		107 %	70-13	0	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 Num	ect: Airstrean ber: 13617 ger: Matt Gre		et Pump			Fax: (432) 56	53-2213
			/T-#5 @ 2' 014-31 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, I	L <b>.P.</b>				
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 %	80-12	20	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		49.3 %	80-12	20	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Stan	dard Metho	ods							
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 EF	PA Method 8	015M							
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 %	70-13	0	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-13	0	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		Fax: (432) 56	3-2213						
			Г- #6 @ 18' 014-32 (Soil						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	nian Basin H	Environment	tal Lab, l	L <b>.P.</b>				
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 %	80-12	0	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		48.1 %	80-12	0	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Stan	dard Metho	ds							
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 EP	A Method 8	)15M							
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 %	70-13	0	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-13	0	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 13000 West County Road 100 Odessa TX, 79765	Vest County Road 100 Project Number: 13617									
			T- #7 @ 2' 014-33 (Soil	)						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Per	rmian Basin F	Environmen	tal Lab, 1	L. <b>P.</b>					
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 %	80-12	20	P1C1512	03/15/21	03/16/21	EPA 8021B		
Surrogate: 4-Bromofluorobenzene		50.6 %	80-12	20	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC	
General Chemistry Parameters by EPA / Sta	andard Metho	ods								
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 I	EPA Method 8	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 %	70-13	0	P1C1007	03/10/21	03/11/21	TPH 8015M		
Surrogate: o-Terphenyl		110 %	70-13	0	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		Fax: (432) 56	53-2213						
			WP @ 2' 014-34 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmer	ital Lab, I	L <b>.P.</b>				
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 %	80-1	20	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		84.9 %	80-1	20	P1C1512	03/15/21	03/16/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
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	A Method 8	015M							
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 %	70-1	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-1	30	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] 13000 West County Road 100 Odessa TX, 79765		Fax: (432) 56	53-2213						
			WA @ 1' 014-35 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin H	Environmen	tal Lab, l	L.P.				
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 %	80-12	20	P1C1512	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		52.2 %	80-12	20	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
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 8	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 %	70-13	0	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-13	0	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)									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmen	tal Lab, l	L <b>.P.</b>				
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 / Standa	ard Metho	ods							
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 8	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 %	70-1.	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-1.	30	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] 13000 West County Road 100 Odessa TX, 79765		Fax: (432) 56	53-2213						
---	---------	--------------------	---------------------------	------------	-----------	----------	----------	------------	-------
			/T- #2 @ 2 014-37 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironmen	tal Lab, l	<b>P.</b>				
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 %	80-12	20	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		80.7 %	80-12	20	P1C1512	03/15/21	03/16/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Meth	ods							
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 %	70-13	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-13	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			/T- #3 @ 3 014-38 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironmen	ital Lab, l	L <b>.P.</b>				
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 %	80-1.	20	P1C1512	03/15/21	03/16/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		84.5 %	80-1.	20	P1C1512	03/15/21	03/16/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Meth	ods							
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 8	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 %	70-1.	30	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-1.	30	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		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			'T- #4 @ 6' 014-39 (Soil						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Environmen	tal Lab, l	L <b>.P.</b>				
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 %	80-12	0	P1C1513	03/15/21	03/16/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		82.2 %	80-12	0	P1C1513	03/15/21	03/16/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Meth	ods							
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 8	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 %	70-13	0	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-13	0	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							
			/T-#5 @ 2' 014-40 (Soil						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironmen	tal Lab, l	L.P.				
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 %	80-12	20	P1C1513	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		34.8 %	80-12	20	P1C1513	03/15/21	03/16/21	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Stan	dard Meth	ods							
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 EP	A 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 %	70-13	80	P1C1007	03/10/21	03/11/21	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-13	80	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		Fax: (432) 56	53-2213						
			T- #6 @ 18 014-41 (Soil						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Environment	al Lab, l	L <b>.P.</b>				
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 (0)	0.00128	0.00103	mg/kg dry	1	P1C1513	03/15/21	03/16/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.0 %	80-12	0	P1C1513	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		33.3 %	80-12	0	P1C1513	03/15/21	03/16/21	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Stand	lard Meth	ods							
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	A Method 8	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 %	70-13	0	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-13	0	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	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			et Pump			Fax: (432) 56	3-2213
			/T- #7 @ 2 014-42 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmer	ital Lab, I	L <b>.P.</b>				
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 %	80-1	20	P1C1513	03/15/21	03/16/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		33.2 %	80-1	20	P1C1513	03/15/21	03/16/21	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
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 8	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 %	70-1	30	P1C1005	03/10/21	03/10/21	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-1	30	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	

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C0814 - *** DEFAULT PREP ***										
Blank (P1C0814-BLK1)				Prepared: 0	3/08/21 Ar	nalyzed: 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: 0	3/08/21 Ar	nalyzed: 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: 0	3/08/21 Ar	nalyzed: 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: 0	3/08/21 Ar	nalyzed: 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			

Permian Basin Environmental Lab, L.P.

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: Matt Green	

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C0814 - *** DEFAULT PREP ***										
Calibration Check (P1C0814-CCV2)				Prepared: (	3/08/21	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: 0	3/08/21	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		<i>98.3</i>	75-125			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.3	75-125			
Matrix Spike (P1C0814-MS1)	Sou	urce: 1C08009	-21	Prepared: 0	3/08/21	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)	Sou	urce: 1C08009	-21	Prepared: 0	3/08/21	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			

Permian Basin Environmental Lab, L.P.

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	

Permian Basin Environmental Lab, L.P.

	D k	Reporting	TT '	Spike	Source	MARC	%REC	DDD	RPD	NT (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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	2	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			

Permian Basin Environmental Lab, L.P.

Fax: (432) 563-2213

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: Matt Green

## BTEX by 8021B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
			Cinto	20101	Trobuit	, under	Linns	iu b	2	1.0005
Batch P1C1103 - *** DEFAULT PREP ***				Duamanad	- A malvarade	02/11/21				
Calibration Check (P1C1103-CCV2) Benzene	0.0810	0.00100	mg/kg wet	0.100	& Analyzed:	81.0	80-120			
Toluene	0.0990	0.00100	mg/kg wet	0.100		99.0	80-120 80-120			
Ethylbenzene	0.120	0.00100		0.100		120	80-120 80-120			
Xylene (p/m)	0.223	0.00200		0.200		120	80-120			
Xylene (o)	0.112	0.00100		0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.115	0.00100	"	0.120		96.1	75-125			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		90.1 97.9	75-125			
surrogute. 1,4-Difiuorobenzene	0.110			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)	Sou	ırce: 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)	Sou	ırce: 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			

Permian Basin Environmental Lab, L.P.

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	

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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			

Permian Basin Environmental Lab, L.P.

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:	Matt Green

#### Permian Basin Environmental Lab, L.P. %REC RPD Reporting Spike Source Limit %REC RPD Limit Result Units Level Result Limits Analyte Notes Batch P1C1110 - \*\*\* DEFAULT PREP \*\*\* Calibration Check (P1C1110-CCV2) Prepared: 03/11/21 Analyzed: 03/12/21 Benzene 0.0824 0.00100 0.100 82.4 80-120 mg/kg wet 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 0.116 0.00100 .. 0.100 116 80-120 Xylene (o) 0.111 0.120 929 75-125 Surrogate: 4-Bromofluorobenzene 0.117 " 0.120 97.9 75-125 Surrogate: 1,4-Difluorobenzene Prepared: 03/11/21 Analyzed: 03/12/21 Calibration Check (P1C1110-CCV3) Benzene 0.0802 0.00100mg/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 0.114 0.00100 .. 114 Xylene (o) 0.100 80-120 Surrogate: 1,4-Difluorobenzene 0.117 0.120 97.6 75-125 " 0.117 Surrogate: 4-Bromofluorobenzene 0.120 97.7 75-125 Matrix Spike (P1C1110-MS1) Source: 1C11006-01 Prepared: 03/11/21 Analyzed: 03/12/21 0.0735 QM-07 Benzene 0.001010.101 ND 80-120 mg/kg dry 72.8 Toluene 0.0904 0.00101 0.000859 88.6 80-120 0.101 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 .. 0.131 0.00101 0.101 0.000687 80-120 Xylene (o) 129 QM-07 Surrogate: 4-Bromofluorobenzene 0.140 " 0.121 115 80-120 0.119 " Surrogate: 1,4-Difluorobenzene 0.121 98.0 80-120 Prepared: 03/11/21 Analyzed: 03/12/21 Matrix Spike Dup (P1C1110-MSD1) Source: 1C11006-01 Benzene 0.0738 0.00101 mg/kg dry 0.101 ND 73.1 80-120 0.370 20 QM-07 0.0910 0.00101 0.000859 Toluene 0.101 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 0.107 0.00101 .. 0.101 0.000687 20 105 80-120 20.3 QM-07 Xylene (o)

**BTEX by 8021B - Quality Control** 

Surrogate: 1,4-Difluorobenzene0.1070.00101Surrogate: 4-Bromofluorobenzene0.109"

Permian Basin Environmental Lab, L.P.

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.

98.2

90.1

80-120

80-120

0.121

0.121

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	

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: (	)3/15/21 Aı	nalyzed: 03	/16/21			
Benzene	ND	0.00100	mg/kg wet	1						
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: (	)3/15/21 Ai	nalyzed: 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: (	)3/15/21 Ai	nalyzed: 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: (	)3/15/21 Ai	nalyzed: 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			

Permian Basin Environmental Lab, L.P.

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	

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: 0	)3/15/21 Ai	nalyzed: 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: 0	)3/15/21 Aı	nalyzed: 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: 0	)3/15/21 Ai	nalyzed: 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: 0	)3/15/21 Ai	nalyzed: 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

Permian Basin Environmental Lab, L.P.

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	

## Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

#### Batch P1C1511 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike (P1C1511-MS1)	Sour	ce: 1C15001	-01	Prepared: 0	3/15/21 A	nalyzed: 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)	Sour	ce: 1C15001	-01	Prepared: 0	3/15/21 A	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
				0 101	NID	41.9	80-120	3.70	20	QM-07
Xylene (o)	0.0423	0.00101		0.101	ND	41.9	80-120	5.70	20	QIVI-07
	0.0423	0.00101	"	0.101	ND	101	80-120	5.70	20	QM-07

#### 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	

Permian Basin Environmental Lab, L.P.

563-2213

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Airstream 501-H Jet Pump	Fax: (432) 5
13000 West County Road 100	Project Number:	13617	
Odessa TX, 79765	Project Manager:	Matt Green	

## BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C1512 - *** DEFAULT PREP ***										
LCS (P1C1512-BS1)				Prepared: 0	)3/15/21 Ar	nalyzed: 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: 0	)3/15/21 Ar	nalyzed: 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: 0	)3/15/21 Ar	nalyzed: 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: 0	)3/15/21 Ar	nalyzed: 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			

Permian Basin Environmental Lab, L.P.

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	

## 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: 0	)3/15/21 A	nalyzed: 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-G(
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.1	75-125			
Matrix Spike (P1C1512-MS1)	Sou	ırce: 1C09014	-29	Prepared: 0	)3/15/21 A	nalyzed: 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-0'
Ethylbenzene	0.0507	0.00102		0.102	ND	49.7	80-120			QM-0
Xylene (p/m)	0.0828	0.00204	"	0.204	ND	40.6	80-120			QM-0'
Xylene (o)	0.0387	0.00102		0.102	ND	37.9	80-120			QM-0
Surrogate: 1,4-Difluorobenzene	0.131		"	0.122		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.0629		"	0.122		51.4	80-120			<i>S-G</i> (
Matrix Spike Dup (P1C1512-MSD1)	Sou	ırce: 1C09014	-29	Prepared: 0	)3/15/21 A	nalyzed: 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-0'
Ethylbenzene	0.0497	0.00102		0.102	ND	48.7	80-120	1.93	20	QM-0'
Xylene (p/m)	0.0752	0.00204		0.204	ND	36.9	80-120	9.64	20	QM-0'
Xylene (o)	0.0348	0.00102	"	0.102	ND	34.1	80-120	10.6	20	QM-0'
Surrogate: 4-Bromofluorobenzene	0.0643		"	0.122		52.5	80-120			S-GG
Surrogate: 1,4-Difluorobenzene	0.133		"	0.122		108	80-120			
Batch P1C1513 - *** DEFAULT PREP ***										
Blank (P1C1513-BLK1)				Prepared: 0	)3/15/21 A	nalyzed: 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-G0

Permian Basin Environmental Lab, L.P.

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	

Permian	Basin	Environmental	Lab,	L.P.
---------	-------	---------------	------	------

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C1513 - *** DEFAULT PREP ***										
LCS (P1C1513-BS1)				Prepared: (	)3/15/21 Ar	nalyzed: 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: (	)3/15/21 Ar	nalyzed: 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: (	)3/15/21 Ar	nalyzed: 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-G0
Calibration Check (P1C1513-CCV2)				Prepared: (	)3/15/21 Ar	nalyzed: 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

Permian Basin Environmental Lab, L.P.

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	

## 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 A	nalyzed: 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)	Sou	rce: 1C11006	-23	Prepared: (	03/15/21 A	nalyzed: 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)	Sou	rce: 1C11006	-23	Prepared: (	03/15/21 A	nalyzed: 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			

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	

Per	rmian	Basin	Environ	nental	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 &	k Analyzed:	: 03/11/21				
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK5)				Prepared &	د Analyzed	: 03/11/21				
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK6)				Prepared &	analyzed:	: 03/11/21				
% Moisture	ND	0.1	%							
Blank (P1C1104-BLK7)				Prepared &	د Analyzed	: 03/11/21				
% Moisture	ND	0.1	%							
Duplicate (P1C1104-DUP1)	Sou	rce: 1C09007-	10	Prepared &	analyzed:	: 03/11/21				
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P1C1104-DUP2)	Sou	rce: 1C09007-	20	Prepared &	& Analyzed:	: 03/11/21				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P1C1104-DUP3)	Sou	rce: 1C09008-	11	Prepared &	analyzed:	: 03/11/21				
% Moisture	6.0	0.1	%	_	6.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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	

Permian	Basin	Environmenta	<b>1</b> ]	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)	Sou	rce: 1C09009-	01	Prepared &	Analyzed:	03/11/21				
% Moisture	17.0	0.1	%		17.0			0.00	20	
Duplicate (P1C1104-DUP5)	Sou	ce: 1C09009-	16	Prepared &	Analyzed:	03/11/21				
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P1C1104-DUP6)	Sou		26	Prepared &	Analyzed:	03/11/21				
% Moisture	11.0	0.1	%		12.0			8.70	20	
Duplicate (P1C1104-DUP7)	Sou		41	Prepared &	Analyzed:	03/11/21				
6 Moisture	12.0	0.1	%	13.0			8.00	20		
Duplicate (P1C1104-DUP8)	Sou	rce: 1C09009-	51	Prepared &	Analyzed:	03/11/21				
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P1C1104-DUP9)	Sou	rce: 1C09009-	66	Prepared &	Analyzed:	03/11/21				
6 Moisture	16.0	0.1	%		16.0			0.00	20	
Duplicate (P1C1104-DUPA)	Sou	rce: 1C09012-	03	Prepared &	Analyzed:	03/11/21				
% Moisture	ND	0.1	%		1.0			200	20	
Duplicate (P1C1104-DUPB)	Sou		07	Prepared &	Analyzed:	03/11/21				
% Moisture	12.0	0.1	%	*	12.0			0.00	20	
Duplicate (P1C1104-DUPC)	Sou	rce: 1C09014-	17	Prepared &	Analyzed:	03/11/21				
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P1C1104-DUPD)	Sou	ce: 1C09014-	32	Prepared &	Analyzed:	03/11/21				
% Moisture	4.0	0.1	%	1	4.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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	

Permian Basir	Environmental Lab, L.P.
---------------	-------------------------

	,									
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C1104 - *** DEFAULT PREP ***										
Duplicate (P1C1104-DUPE)	Sou	rce: 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 A	nalyzed: 03	/17/21			
Chloride	18.6		mg/kg	20.0		93.1	90-110			
Calibration Check (P1C1601-CCV3)				Prepared: (	)3/16/21 A	nalyzed: 03	/17/21			
Chloride	18.6		mg/kg	20.0		93.2	90-110			
Matrix Spike (P1C1601-MS1)	Sou	rce: 1C09013	-04	Prepared: (	)3/16/21 A	nalyzed: 03	/17/21			
Chloride	1030	1.00	mg/kg dry	500	568	91.6	80-120			
Matrix Spike (P1C1601-MS2)	Sou	rce: 1C09014	-08	Prepared: (	)3/16/21 A	nalyzed: 03	/17/21			
Chloride	488	1.08	mg/kg dry	538	11.9	88.6	80-120			

Permian Basin Environmental Lab, L.P.

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	

Permian Basir	ı Environmental	Lab, L.P.
---------------	-----------------	-----------

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C1601 - *** DEFAULT PREP ***										
Matrix Spike Dup (P1C1601-MSD1)	Sou	rce: 1C09013	3-04	Prepared: (	03/16/21 A	nalyzed: 03	/17/21			
Chloride	978	1.00	mg/kg dry	500	568	82.0	80-120	4.80	20	
Matrix Spike Dup (P1C1601-MSD2)	Sour	rce: 1C09014	1-08	Prepared: (	)3/16/21 A	nalyzed: 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)	Sou	rce: 1C09014	1-18	Prepared &	Analyzed:	03/17/21				
Chloride	467	1.03	mg/kg dry	515	9.31	88.8	80-120			

Permian Basin Environmental Lab, L.P.

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	

Permian Basin	Environmental Lab, L.P.
---------------	-------------------------

					~					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Tesur	2	onto	20101	result	, or the c	Linito	iu b	2	110100
Batch P1C1701 - *** DEFAULT PREP ***										
Matrix Spike (P1C1701-MS2)	Sou	rce: 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)	Sou	rce: 1C09014	-18	Prepared &	k 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)	Sou	rce: 1C09014	-28	Prepared &	k 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 At	nalyzed: 03	/18/21			
Chloride	ND	1.00	mg/kg wet							
LCS (P1C1702-BS1)				Prepared: (	03/17/21 Ai	nalyzed: 03	/18/21			
Chloride	402	1.00	mg/kg wet	400		101	90-110			
LCS Dup (P1C1702-BSD1)				Prepared: (	03/17/21 At	nalyzed: 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 Ai	nalyzed: 03	/18/21			
Chloride	20.6		mg/kg	20.0		103	90-110			
Calibration Check (P1C1702-CCV2)				Prepared: (	03/17/21 Ai	nalvzed: 03	/18/21			
Chloride	20.1		mg/kg	20.0		100	90-110			
				D 1/	02/17/21	1 1 0 2	10/21			
Calibration Check (P1C1702-CCV3)				1	03/17/21 At	5				
Chloride	19.0		mg/kg	20.0		95.2	90-110			

Permian Basin Environmental Lab, L.P.

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	

Analyte	Result	Reporting Limit Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	100000		20101	105010	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Linito	10.0	Linn	110100
Batch P1C1702 - *** DEFAULT PREP ***	~								
Matrix Spike (P1C1702-MS1)	Sourc	e: 1C09014-38	Prepared: (	03/17/21 A	nalyzed: 03/	18/21			
Chloride	457	1.01 mg/kg dry	505	3.25	89.9	80-120			
Matrix Spike (P1C1702-MS2)	Sourc	e: 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)	Sourc	e: 1C09014-38	Prepared: (	)3/17/21 A	nalyzed: 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 Pre		Prepared: (	)3/17/21 A	nalyzed: 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]	Project:	Airstream 501-H Jet Pump	Fax: (432) 563-2213
1	3000 West County Road 100	Project Number:	13617	
0	0dessa TX, 79765	Project Manager:	Matt Green	

## Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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			

Permian Basin Environmental Lab, L.P.

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	

## Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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)	Sou	rce: 1C09014	1-41	Prepared: (	03/10/21 At	nalyzed: 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)	Sou	rce: 1C09014	4-41	Prepared: (	03/10/21 At	nalyzed: 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 Ai	nalyzed: 03	/11/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							

100

50.0

"

85.2

46.2

Permian Basin Environmental Lab, L.P.

Surrogate: 1-Chlorooctane

Surrogate: o-Terphenyl

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.

85.2

92.4

70-130

70-130

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	

## Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C1007 - TX 1005										
LCS (P1C1007-BS1)				Prepared: (	03/10/21 At	nalyzed: 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 At	nalyzed: 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 At	nalyzed: 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 At	nalyzed: 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 Ai	nalyzed: 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			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Airstream 50	1-H Jet Pump	Fax: (432) 563-2213
13000 West County Road 100	Project Number: 13617		
Odessa TX, 79765	Project Manager: Matt Green		

## Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C1007 - TX 1005										
Calibration Check (P1C1007-CCV2)				Prepared: (	03/10/21 A	nalyzed: 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 A	nalyzed: 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)	Sour	ce: 1C09014	1-40	Prepared: (	03/10/21 A	nalyzed: 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)	Sour	ce: 1C09014	1-40	Prepared: (	03/10/21 A	nalyzed: 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 A	nalyzed: 03	/11/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							

120

60.0

"

"

110

59.5

Permian Basin Environmental Lab, L.P.

Surrogate: 1-Chlorooctane

Surrogate: o-Terphenyl

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.

91.4

99.1

70-130

70-130

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	

## Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C1008 - TX 1005										
LCS (P1C1008-BS1)				Prepared: (	03/10/21 Ai	nalyzed: 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 Ai	nalyzed: 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 Ai	nalyzed: 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 Ai	nalyzed: 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 Ai	nalyzed: 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			

Permian Basin Environmental Lab, L.P.

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	

## Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C1008 - TX 1005										
Calibration Check (P1C1008-CCV2)				Prepared: (	03/10/21 A	nalyzed: 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)	Sou	rce: 1C09014	-20	Prepared: (	)3/10/21 A	nalyzed: 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)	Sou	rce: 1C09014	-20	Prepared: (	)3/10/21 A	nalyzed: 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

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	

#### **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:

Sun Barron

Date: 3/22/2021

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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		

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

Received	by OCD:	8/27/2021	8:30:24	AM		
	. · · ·				1	

# Page 106 of 191

Relinquished by:	Relinquished by:	V. M. M.		Special Instructions:			ZI HH 12	1	IO BH IO	12	e Kir	7 I&I 7	6 18H 6	5 1991 S	Ψ <b>ΪΫ4</b> 4		2 1941 2	1 181 1	LAB # (lab use only)		0RDER #: 10,04014	(lab use only)		City/State/Zip: <u>Wildiand</u> Exas. Sampler Signature: Mut U	ŝ	Project Manager: Matt Green Company Name: Etech Environmental & Safety Solutions, Inc.	l 100 Rankín Vwy Midla	
Date	Date		Date	enternic															Ŭ					<u>80/6/</u>	0000	ental & Saf	Midland Texas 79701	Permian Basin Environmental Lab.
lime	Time		Time	-																				email:		ety Sol	1026	ısın kı
Rec	Rec				3	2	31	3	w	4121		22	2	42	42"	w.	R	3	Start Depth End Depth							utions,		IFIFORI
Received by:	Received by:		Received by:		en	<u>_</u>	4	2	12	1	13/	E L	~	3	-		2	R		Preservati				matt@etechenv.com		Inc		nental
					53	N		-	2	F			-		वेविप	alay	124	24	Date Sampled	ion & # of				<u>chenv.</u>				
$\left( \right)$	Þ				5:30	8:30	05:30	5:22	8:22	£1:8	2:13	01:8	20:5	00:8	8/27	8:22	67:18	91:5	Time Sampled	Preservation & # of Containers	·			Com			Phone:	
F						F	-		-	-		-	-	-		-	1		No. of Containers	<u>ר</u>							132-686-7235	
					N	N	Z		N	N	N	Ŋ	Z		Ν	N	N	Ŋ	lce								-684	
																			HNO3	<b>.</b>							-72	
т. С. 1																			HCI H <sub>2</sub> SO <sub>4</sub>	-							5	
- 	·																		NaOH		ľ							
																			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		1							
2																			None	].	ł			2 🗖		בו יבו		
	Date		Date																Other ( Specify)					eport	Area:			
<u>]</u>		: 			V	U.	3	0	V	S	S	S	٧	5	S	S	S	S	DW=Drinking Water SL≃Sludge GW = Groundwater S=Soil/Solid NP=Non-PotableSpecify Other	Matrix				Bill Etech	NIM	Project #: 13		
	Time		E S		R					Ę.		5	9	Ð		8	X	R	TPH: 418.1 8015M 1005 10	006		Τ		<b>h</b> STAN	2			÷.
	6.0	<u>00</u>	1	0 m															Cations (Ca, Mg, Na, K)		] .		[]	DAR			Ż	
emp	Sar by Sampler/Client Rep. Sar by Courier? UPS	Custody seals on coole Sample Hand Delivered	VOCs Free of Headspace? Oustody seals on container(s)	aboratory															Anions (Cl, SO4, CO3, HCO3)	)	5			<b>D</b>		てい	2	
eratu	Q Sal	e Ha	s Fre	le Q															SAR / ESP / CEC		TOTAL :	TCLP:		_			5	
Temperature I bon Receipt:	Sampler/ Courier?	nd E	e als	ntair															Metals: As Ag Ba Cd Cr Pb Hg	Se			11	TRRP:	ŀ	Pro		
3	? ? Clie	on c	on c	omr															Volatiles				]⊾	ö	PC	le t		
U D D	SR	red	Ispa	Comments ainers Intact?															Semi volatiles				Analyze For:		PO#:	Project Loc	0	
Į.		(s)	ce? ner(;	13 S	R	Т						6		٦	þ	٥	ф.	Å.	BTEX 8021805030 or BTEX 820	60	Ļ		201	NPE	0			ł
	Ę		s)																RCI				19	NPDES:	N	可甘	= *	
		1																	N.O.R.M.		_	<u> </u>	ţ	L.	15	R. F	1	
	Feder	20	Ē	2	<u>I</u>														Chlorides		$\vdash$	<u> </u>			S	6	5	
		20	S	ن ا													늼				╞╧					2.	0	
)		£		1.1	·	. <b></b> .	·!		·								<u>н</u> ці	<u> </u>			1				1	<u>ר</u> 'צ	2	
ີ	N Lone Star	zz	ΖZ	z							П	m							RUSH TAT(Pre-Schedule) 24, 4	48, 72	2 hrs		1 I					

Page 73 of 75

Anager     Matt Green       Name:     Etech Environmental & Safety Solutions, Inc.       Aidress:     P.O. Box 8469       geneture:     Midlagd. Jongs 79708       geneture:     mail:       name:     start Depth       start Depth     start Depth       start Depth     start Depth       start Depth<				by OC	C <b>D: 8</b> /	/27/.	202	1 8.	:30;	:24	AM	[							•.										Pa	ge 1	07 of 1
Numerican line in the containers inc.           Preservation & End Containers           Preservation Preservation & End Containers           Preservation Preservatin Preservation Preservation Preservation Preservation Pr		Relinquished by:	Relinquished by:	Relinquished by:	special instruc	ZX Instruct	12	26	32	-12	73	22	2	20	Jq	18	LI -	٩	IS	LAB # (lab use only)		ORDER #:	(lab use only)			City/State/Lip: Sampler Signat	Company Addr	Company Nam	Project Manag	1 100 Rankin	
Preservation & #of Containers       Date Sampled       Date Sampled       Preservation & #of Containers       Containers       UR       Date Sampled       Date Sampled <th< td=""><td></td><td></td><td></td><td>J.C.</td><td></td><td></td><td>1</td><td><u>NWT-#2</u></td><td>NW</td><td>NWP</td><td>NEP</td><td>er es</td><td>54 21</td><td>BHizo</td><td>54 19</td><td>SH IY</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>DOCIDIM</td><td>P.O. Box 8</td><td></td><td></td><td></td><td>N NA I</td></th<>				J.C.			1	<u>NWT-#2</u>	NW	NWP	NEP	er es	54 21	BHizo	54 19	SH IY										DOCIDIM	P.O. Box 8				N NA I
Image: Control of the second distribution of the second distribution distributiction distribution distribution distributiction distributiction d		Date	Date	Date	1 Cen															ED CODE						SO/6/ Sev	. 1		'n	Hidland True	Permian
Image: Contrainers       Image: Contrainers         Image: Contrainers       Image: Contraters         Image: Contrain					yia/	•																				Pm		Safety Sc		N 79701	Basin 1
Image: Contrainers       Image: Contrainers         Image: Contrainers       Image: Contraters         Image: Contrain		ซ	ಸ	র																Start Depth								olutio			HAV SI
Image: Contrainers       Image: Contrainers         Image: Contrainers       Image: Contraters         Image: Contrain		Received	Received	Receive		21	~	ଞ୍	2	ଞ୍	~		1	4	42"	42"	4211	3		End Depth	Pres					matt@		ons, Inc			"OR HAC
XXXXX     C     XXXXX     C     XXXXX     C     F          No. of Containers                No. of Containers                             No. of Containers		i by:	1 by:	1 by:		315	215	315	315	313		3/5	2/2	315	315	315	215	3/3	3 3	Date Sampled	ervation & # of					etechenv					
N       N						10-57	10:33	10:23	OKI	<i>a:w</i>	<u> </u>	10:23	03:01	10:17	10:13	10:09	50:01	nrs	5:40		Containers									Phone: E	
	K	1	>			E		N	N						-	2	~	1	<u> </u>											32-6	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	*	+	•																											- 1 - 1	
																														2	
																	믜														
				1. 				님									님	_				- 1 - L									0
	Tr	3																									1				HAI
	4	2	Dat	Dat																					Report	B	Trea	roi	ī		NO
Date       Date       Description       Project Name:         Date       Description       Description       Description       Description         Date       Description       Description       Description       Description       Description         Date       Description       Description       Description       Description       Description       Description       Description         Date       Description       Descript	117	1 18		O 		М	S	s	2	3	S	S	S	5	2	5	S	γ	~	GW = Groundwater S=Soil/Solid	Matrix				t Format	ill Etec		ect #:	ect Na	· .	CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
	20 20		Ime	lime			8	-	₽	Ð		Ţ	Į,	q.	Ξ					TPH: 418.1 8015M 1005 10	06				STAN	<u> </u>	R	t.	me		0D
			0.0	<u> % 0 0</u>	< 00 F															Cations (Ca, Mg, Na, K)					IDAR			Ē	T	<b>&gt;</b>	RE
Temperature Upon Receipt:       Calubra (C, SO4, CO3, HCO3)       TOTAL       TOTAL       TOTAL       Project Loc:         Sar by Sample Containers Intact?       Comments:       Semivolatiles       Outliner?       Volatiles       Outliner?       Nations (C, SO4, CO3, HCO3)       TOTAL       Project Loc:	emp	ar o	ar by	iusto Listo	iamp CCs															Anions (Cl, SO4, CO3, HCO3)		TO						R	5		6
Anions (Cl, SO4, CO3, HCO3) TT TC TRAP TO TC TRAP	eratu	- S	Sar	le Ha	rato Fre																	TAL	Ę				1.		M		, Gb
Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions         Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions         Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions         Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions         Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions         Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions         Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions         Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions       Image: Second and Deliver editions         Image: Second		. Iner	npler	eals nd D	ntair of I																e				RRP		1.	Pro	<u>M</u>		NC
	78		/Cliej	on c	omn Iters   Head															Volatiles				. 0			PO	iect			Â
	Нĝ.	5	57	ontai ooler red	nent Intac Spac															Semi volatiles				al s			<b>H</b>	5	と		IAL
Temperature Upon Receipt:       Catcons (ct, Mg, Nd, N)         Temperature Upon Receipt:       Catcons (ct, Mg, Nd, N)	1 <b>P</b>		J	ner(s	ĕ, 🕄 🖉									8							0			e Fi	NPD 1		þ	C: 🖌	1		SISA
		C F	Ĕ	ి		밀	믝					<u>_</u>						믝			-	-	_		ті У		R	2			RE
		т	ŋ.		: ۱۰ 		ᆜ			님						片	빌			the second s	-		-	ľ		- · ·	۲Ļ	16	×		QUL
		×10e	į.		3															Chiorides							M	1.1	1		<u>-TS</u>
	2		1.1	فستحرب	مب																						} .	M	R		
Image: Second state     Image: Second st	00/1	6	2	5			64													and the second											
	1	Lone Star		zzz	zz															RUSH TAT(Pre-Schedule) 24, 48	3, 72	hrs							3		

Page 107 of 191

Reco	Received by OCD: 8/27/2021 8:30:24 AM																				ŀ	Page 1	08 of	191						
	Daling is had hy	Relinquished by	Relinguished by	Special Instru	34	Ψ	С)	<b>76</b>	38	ری 1	95	Se	3 YS	си С	32	<u>8</u>	8	62	LAB # (lab use only)		ORDER #:	(lab use only)		Sampler Signature:	City/State/Zin:	Company Name:	Project Manager:	t 100 Rankin Hwy		
		M X	<u>Бі</u>	ctions:	-	1	MNT - 45	1	WWT - #	WWT - #2	INNYP	SWA	SWP -	EWT- #		SM1 - #5	SW1-#4	2M1-#3						flor 1	Midland	11				
	Aler	Date	UCATONNIL, Date			Ž		2	γ					T					FIELD CODE					Marine Contraction	409 Avac 70708	Etech Environmental & Safety Solutions, Inc	en	Midland Texas 79701		
				-																				email:		afety S		. 79701	Basin	
1	INP	lime	lime																Start Depth						ч. <sup>т</sup>	olutic	1		Bavis	
Received by:	Deceived by:	Receiv	Receiv		21	181	2	6	w.	ب	191		1	17	181		K	હ્યુ	End Depth	- -				matt		ons, Ir			onm	
		Received by:	Received by:		35	3/5-	212	3/5	3/5	3/5	33	3/5	2/2	3/5	315	315	315	315	Date Sampled	Preservation & # of Containers			•	matt@etechenv.com		<u>וכ</u>			Permian Basin Luvironmental Lab.	
					11:10		10:53	10:35	0:29	10:24	9:08	1:54	8.29		10:49	10.346	10-412	10:37	Time Sampled	of Containers				1.com				Phone: 132-686-7235		
E	≯			ŀ						-	-	-	-		- 1	-	-	2	No. of Containers					. 1 .				12-6		
R	1			- t															HNO <sub>3</sub>	1				· . ·				R.		
																			HCI						· .			23.		
				ļ															H <sub>2</sub> SO <sub>4</sub>											
				. h															NaOH											
	+	-		. h															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> None	1									HA	
24	3	Date	Date																Other ( Specify)	1 🛛			Repo		Area:		ر ات		N C	
21 12	<u> </u>			Ī	S				S	S				S			S	5	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-PotableSpecify Other	Matrix			Report Format. STANDARD:D	Bill Etech	IN ::	Project #:	Project Name:		CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST	. · ·
16.09		me			€	Ð	В	8			Ð	Đ			ЦФ			N/	TPH: 418.1 8015M 1005 10	006			TAN	3	X	:5	= le:		Yac	
-	1	2000	<u> </u>	┯							ļ,								Cations (Ca, Mg, Na, K)				DARI					Þ	RE	
Temperature Upon Receipt	Sar by Courier? UPS	Custody seals on cooler(s) Sample Hand Delivered	Sample Containers Intact? VOCs Free of Headspace? Oustody seals on container(s)	aboratory Comments															Anions (Cl, SO4, CO3, HCO3)		ō	5	ö			4		Ž	COL	*
Jatu	8	e Har	Pree ₽ Cor	ator															SAR / ESP / CEC		FOTAL :	TCLP		•				5	DA	
ture Upon Rece	rier?	nler/	of H	š															Metals: As Ag Ba Cd Cr Pb Hg S	Se						Project Loc	E	Ē	ND	
L N	Ç	on co eliver	ers h	ă,															Volatiles			□≥			PO#:	s let	F	- <b>3</b> - 1	AM	
	С Б	ed er(	ntact	ents	1														Semi volatiles			믜	+ _		#	<u>ام</u>	Ň	<u> 7</u>	ALY	
P		ູ້	e? ?	° F		미	<u> </u>						E						BTEX 8021B/5030 or BTEX 826 RCI	50.					P			-	SIS	
7	무			h															N.O.R.M.			- -			0	16			REC	
3 L I	Fe			·	₹													- <b>A</b>	Chlorides		-				CPC		K	<u>1</u> :	UE.	
Ť	ġ.	A B A	B	<b>`</b> [																						10		0	ST	
4	Lone			Ē																			i a se			A.	<u>s</u> is			
ဂီ	he Star	zzz	zzz		-														RUSH TAT(Pre-Schedule) 24, 4	8, 72	hrs						Ĭ	<b>?</b>	•	
	4			Ŀ	9		2	Z		R		N	Ŋ	R		D.	R	Z	STANDARD TAT				]				Ŕ	<b>)</b> , " · ·		3

2,43


Page 1 of 4

E Tech Environ	mental & Safety	Solutions, Inc.			Project: A	irstream 501-H Jet Pun	ıp			
13000 West Cour	nty Road 100			Project	Number: 1	3617				
Odessa TX, 7976	5			Project I	Manager: T	Tim McMinn				
SAMPLED: RECEIVED:	05/05/21 05-07-202			REPORTE	<b>D:</b> 0	5/18/21 14:11				
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'		
	n Hydrocarbons	C6-C35 by EPA Me	•		< 77 Q	× 27 9	< 26.0	< <b>77</b> E		
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 Hyd	rocarbon C6-C35	26.9 mg/kg dry	-	-	-	-	<26.9	-		
Total Petroleum Hyde	rocarbon C6-C35	27.2 mg/kg dry	-	51.8	-	-	-	-		
Total Petroleum Hyde	rocarbon C6-C35	27.5 mg/kg dry	-	-	-	-	-	84.3		
Total Petroleum Hyd	rocarbon C6-C35	27.8 mg/kg dry	-	-	<27.8	<27.8	-	-		
Total Petroleum Hyd	rocarbon C6-C35	28.4 mg/kg dry	28.6	-	-	-	-	-		

**SUMMARY REPORT** 

Permian Basin Environmental Lab, L.P.

anon

Sara Gotcher For Brent Barron Technical Director



#### Page 2 of 4

	mental & Safety S	Solutions, Inc.		Project: Airstream 501-H Jet Pump					
13000 West Cour	nty Road 100			Project	Project Number: 13617				
Odessa TX, 7976	5		Project Manager: Tim McMinn						
SAMPLED: RECEIVED:	05/05/21 05-07-202			REPORTE	<b>D:</b> 05/18/	21 14:11			
AB #			1E10004-07	1E10004-08	1E10004-09	1E10004-10	1E10004-11	1E10004-12	
IATRIX		Minimum	Soil	Soil	Soil	Soil	Soil	Soil	
AMPLE ID		Reporting Limit	BH 10 @ 4'	BH 11 @ 3'	BH 12 @ 4'	BH 14 @ 3.5'	BH 18 @ 15'	BH 19 @ 4'	
General Chemis % Moisture	try Parameters	by EPA / Standard	Methods (Soil 8.0	9.0	9.0	3.0	6.0	6.0	
% Moisture	-	0.1 %	8.0	9.0	9.0	3.0	6.0	6.0	
% Moisture	-	-	8.0	9.0	9.0 <27.5	3.0 <25.8	6.0 <26.6	6.0 <26.6	
% Moisture <b>'otal Petroleum</b> C6-C12	-	0.1 % C6-C35 by EPA Me	8.0 thod 8015M (S	9.0 Soil)					
% Moisture <b>`otal Petroleum</b> C6-C12 >C12-C28	-	0.1 % C6-C35 by EPA Me 25.0 mg/kg dry	8.0 <b>thod 8015M (S</b> <27.2	9.0 Soil) <27.5	<27.5	<25.8	<26.6	<26.6	
% Moisture	-	0.1 % C6-C35 by EPA Me 25.0 mg/kg dry 25.0 mg/kg dry	8.0 <b>thod 8015M (S</b> <27.2 122	9.0 Soil) <27.5 <27.5	<27.5 <27.5	<25.8 <25.8	<26.6 <26.6	<26.6 <26.6	
% Moisture <b>Total Petroleum</b> C6-C12 >C12-C28 >C28-C35 1-Chlorooctane	-	0.1 % <b>C6-C35 by EPA Me</b> 25.0 mg/kg dry 25.0 mg/kg dry 25.0 mg/kg dry	8.0 <b>thod 8015M (S</b> <27.2 122 35.4	9.0 Soil) <27.5 <27.5 <27.5	<27.5 <27.5 <27.5	<25.8 <25.8 <25.8	<26.6 <26.6 <26.6	<26.6 <26.6 <26.6	
% Moisture <b>Total Petroleum</b> C6-C12 >C12-C28 >C28-C35 1-Chlorooctane o-Terphenyl	ı Hydrocarbons	0.1 % C6-C35 by EPA Mer 25.0 mg/kg dry 25.0 mg/kg dry 25.0 mg/kg dry 130 [surr]	8.0 <b>thod 8015M (S</b> <27.2 122 35.4 95.8%	9.0 Soil) <27.5 <27.5 <27.5 99.0%	<27.5 <27.5 <27.5 92.3%	<25.8 <25.8 <25.8 99.0%	<26.6 <26.6 <26.6 97.5%	<26.6 <26.6 <26.6 97.3%	
% Moisture <b>Total Petroleum</b> C6-C12 >C12-C28 >C28-C35 1-Chlorooctane o-Terphenyl Total Petroleum Hydi	n Hydrocarbons	0.1 % C6-C35 by EPA Me 25.0 mg/kg dry 25.0 mg/kg dry 25.0 mg/kg dry 130 [surr] 130 [surr]	8.0 <b>thod 8015M (S</b> <27.2 122 35.4 95.8%	9.0 <b>Soil)</b> <27.5 <27.5 <27.5 99.0% 112%	<27.5 <27.5 <27.5 92.3% 106%	<25.8 <25.8 <25.8 99.0%	<26.6 <26.6 97.5% 110%	<26.6 <26.6 97.3% 110%	
% Moisture <b>'otal Petroleum</b> C6-C12 >C12-C28 >C28-C35	n Hydrocarbons	0.1 % C6-C35 by EPA Mer 25.0 mg/kg dry 25.0 mg/kg dry 130 [surr] 130 [surr] 26.6 mg/kg dry	8.0 <b>thod 8015M (S</b> <27.2 122 35.4 95.8% 107%	9.0 Soil) <27.5 <27.5 <27.5 99.0% 112%	<27.5 <27.5 <27.5 92.3% 106%	<25.8 <25.8 <25.8 99.0%	<26.6 <26.6 97.5% 110% <26.6	<26.6 <26.6 97.3% 110% <26.6	

**SUMMARY REPORT** 

Permian Basin Environmental Lab, L.P.

anon

Sara Gotcher For Brent Barron Technical Director



Page 3 of 4

E Tech Environn	nental & Safety Solut	tions,	Inc.		Pr	oject:	Airstrean	n 501-H Jet Pump	)	
13000 West Count	y Road 100				Project Nu	mber:	13617			
Odessa TX, 79765					Project Mar	nager:	Tim McM	linn		
SAMPLED: RECEIVED:	05/05/21 05-07-202				REPORTED:		05/18/21	14:11		
LAB #				1E10004-13	1E10004-14	1E1000	)4-15	1E10004-16	1E10004-17	1E10004-18
MATRIX		Min	imum	Soil	Soil	Soi	1	Soil	Soil	Soil
SAMPLE ID		Report	ing 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	2	120	[surr]	109%	-	-		-	-	-
General Chemist	ry Parameters by	EPA /	Standard M	lethods (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 Meth	od 8015M (Soi	il)					
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%	1119	%	116%	112%	117%
Total Petroleum Hydro	ocarbon C6-C35	26.3	mg/kg dry	-	-	<26	.3	-	-	-
Total Petroleum Hydro	ocarbon C6-C35	26.9	mg/kg dry	<26.9	-	-		<26.9	-	-
Total Petroleum Hydro	ocarbon C6-C35	29.1	mg/kg dry	-	-	-		-	-	45.0
Total Petroleum Hydro	ocarbon C6-C35	25.5	mg/kg dry	-	<25.5	-		-	-	-
Total Petroleum Hydro	ocarbon C6-C35	26.0	mg/kg dry	-	-	-		-	<26.0	-

**SUMMARY REPORT** 

#### Permian Basin Environmental Lab, L.P.

anon

#### Sara Gotcher For Brent Barron Technical Director



Page 4 of 4

	nental & Safety	Solutions, Inc.		Proje	ect: Airstrea	am 501-H Jet Pum	ιp		
13000 West Count	ty Road 100			Project Numb	er: 13617				
Odessa TX, 79765				Project Manag	er: Tim Mo	Minn			
SAMPLED: RECEIVED:	05/05/21 05-07-202			REPORTED:	05/18/	05/18/21 14:11			
AB #			1E10004-19	1E10004-20	-	-	-	-	
ATRIX		Minimum	Soil	Soil	-	-	-	-	
AMPLE ID		Reporting Limit	NWP @ 2'	NEP @ 2.5'	-	-	-	-	
	ry Parameters	by EPA / Standard	Methods (Soil	)					
ieneral Chemist % Moisture	-		7.0	12.0	-	-	-	-	
ieneral Chemist % Moisture	-	by EPA / Standard	7.0	12.0	-	-	-	-	
General Chemistr % Moisture otal Petroleum	-	by EPA / Standard 0.1 % C6-C35 by EPA Me	7.0 thod 8015M (S	12.0 Soil)	-	-	-	- - -	
eneral Chemistr % Moisture otal Petroleum C6-C12	-	<b>by EPA / Standard</b> 0.1 % <b>C6-C35 by EPA Me</b> 25.0 mg/kg dry	7.0 <b>thod 8015M (S</b> <26.9	12.0 <b>Soil)</b> <28.4	-	- - -	-	- - -	
General Chemistr % Moisture otal Petroleum C6-C12 >C12-C28	-	<b>by EPA / Standard</b> 0.1 % <b>5 C6-C35 by EPA Me</b> 25.0 mg/kg dry 25.0 mg/kg dry	7.0 <b>thod 8015M (S</b> <26.9 <26.9	12.0 Soil) <28.4 51.7	-	- - - - -		- - - - -	
eneral Chemistr % Moisture otal Petroleum C6-C12 >C12-C28 >C28-C35	-	<b>by EPA / Standard</b> 0.1 % <b>C6-C35 by EPA Me</b> 25.0 mg/kg dry 25.0 mg/kg dry 25.0 mg/kg dry	7.0 <b>thod 8015M (S</b> <26.9 <26.9 <26.9	12.0 Soil) <28.4 51.7 <28.4	-		- - - - -	- - - - -	
eneral Chemistr % Moisture otal Petroleum C6-C12 >C12-C28 >C28-C35 1-Chlorooctane	Hydrocarbons	<b>by EPA / Standard</b> 0.1 % <b>C6-C35 by EPA Me</b> 25.0 mg/kg dry 25.0 mg/kg dry 25.0 mg/kg dry 130 [surr]	7.0 <b>thod 8015M (S</b> <26.9 <26.9 <26.9 104%	12.0 Soil) <28.4 51.7 <28.4 105%	-				

**SUMMARY REPORT** 

#### **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.

anor

Sara Gotcher For Brent Barron Technical Director

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



# 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



**Current Certification** 

Report Date: 05/18/21

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

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)

Analyte	Limi	t Repo	e		<b>D</b> . 1				
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				asin Envi	ronmental I	Lab, L.P.			
General Chemistry Parameters by	<u>EPA / Standa</u>	ard Met	hods						
% 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	9	9.5 %	70-130		P1E1011	05/10/21 15:19	05/12/21 01:28	TPH 8015M	
Surrogate: o-Terphenyl	L	105 %	70-130		P1E1011	05/10/21 15:19	05/12/21 01:28	TPH 8015M	
Total Petroleum Hydrocarbon	28.6	28.4	mg/kg dry	1	[CALC]	05/10/21 15:19	05/12/21 01:28	calc	

C6-C35

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:		01-H Jet Pump n		Fax: (432) 56	3-2213
				BH 4	@ 48''				
				1E10004	-02 (Soil)				
Analyte	Limi Result	it Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by 1</u> % Moisture	EPA / Stand 8.0			asin Envi	P1E1201	Lab, L.P.	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-				1	11E1201	05/12/21 08.54	03/12/21 09:28	A31W1 D2210	
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	ł	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 Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]			t Number:		01-H Jet Pump n		Fax: (432) 56	53-2213
				BH 5	@ 5' -03 (Soil)				
				1E10004	-05 (3011)				
Analyte	Limit Result	t Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental	Lab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Metl	hods						
% 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	9	5.4 %	70-130		P1E1011	05/10/21 15:19	05/12/21 02:16	TPH 8015M	
Surrogate: o-Terphenyl	9	9.6 %	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 Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:		1-H Jet Pump		Fax: (432) 56	3-2213
00033a TA, 19703			Hojeet	Wanager.					
				BH 6	@ 5'				
				1E10004	-04 (Soil)				
	Limi	t Repor	ting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by</u> % Moisture	<u>EPA / Standa</u> 10.0				P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6				1	1101201	00,12,21 00.51	00,12,21 07.20	10110 02210	
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	8	3.5 %	70-130		P1E1106	05/11/21 15:54	05/12/21 14:20	TPH 8015M	
Surrogate: o-Terphenyl	9	3.4 %	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 Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:		1-H Jet Pump		Fax: (432) 56	53-2213
				BH 7	-				
Γ				1E10004-	05 (8011)				
	Limi	t Repor	ting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		De	numian D	acin Envi	nonmontal I	ah I D			
		re	егшап Б	asin envi	ronmental I	.ao, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Meth	ods						
% 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	9	4.7 %	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 Solution	ns, Inc. [1]			Project:	Airstream 50	01-H Jet Pump		Fax: (432) 56	53-2213
13000 West County Road 100			Projec	t Number:	13617				
Odessa TX, 79765			Project	Manager:	Tim McMin	n			
				BH 9	(a) 4'				
				1E10004	-06 (Soil)				
	Limi	t Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by I		ard Met	hods	asin Envi	ronmental				
% 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	ý	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 Solution 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:		01-H Jet Pump n		Fax: (432) 56	53-2213
				BH 10	0				
Γ				1E10004	-07 (Soil)				
Analyte	Lim Result	nit Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ironmental	Lab, L.P.			
General Chemistry Parameters by I	EPA / Stand	lard Met	hods						
% Moisture	8.0	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C <b>35 by EP</b> A	A Method	I 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 Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		2	t Number:		11-H Jet Pump		Fax: (432) 56	3-2213
				BH 11 1F10004	@ 3' -08 (Soil)				
				1110004	-00 (3011)				
Analyte	Limit Result	Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
General Chemistry Parameters by l	EPA / Standa	rd Met	hods						
% 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	9	9.0 %	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 Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]	c. [1] Project: Project Number: Project Manager:			13617	11-H Jet Pump		Fax: (432) 56	3-2213
				BH 12 1E10004	0				
				1210004	07 (501)				
Analyte	Limi Result	t Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Metl	hods						
% 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	9	2.3 %	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 Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:		1-H Jet Pump		Fax: (432) 56	53-2213
				BH 14	-				
				1E10004	-10 (Soil)				
Analyte	Limit Result	Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by </u> % Moisture	EPA / Standa 3.0			asin Envi	P1E1201	Lab, L.P.	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-				1	1111201	03,12,21 00.3 1	03/12/21 07:20	Norm D2210	
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	9	9.0 %	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 Solution 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]	Project: Airstream 501-H Jet Pump Project Number: 13617 Project Manager: Tim McMinn				Fax: (432) 56	3-2213		
				BH 18	-				
				1E10004	-11 (Soil)				
Analyte	Limi Result	t Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental	Lab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Met	hods						
% 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	9	7.5 %	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 Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]	Project: Airstream 501-H Jet Pump Project Number: 13617 Project Manager: Tim McMinn					Fax: (432) 56	53-2213	
				BH 19	9@4'				
				1E10004	-12 (Soil)				
Analyte	Limit Result	Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				asin Envi	ronmental	Lab, L.P.			
<u>General Chemistry Parameters by</u> % Moisture	<u>EPA / Standa</u> 6.0	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
<b>Total Petroleum Hydrocarbons C6-</b>	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	9	7.3 %	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 Soluti 13000 West County Road 100 Odessa TX, 79765		5	t Number:	: Airstream 501-H Jet Pump : 13617 : Tïm McMinn			Fax: (432) 56	53-2213	
					1 @ 9'				
				1E10004	-13 (Soil)				
	Lin	nit Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ironmental L	.ab, L.P.			
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 / Stand	lard Met	hods						
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 EP	A Method	l 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 Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]	[1] Project: Project Number: Project Manager:						Fax: (432) 56	53-2213
				BH 22	0				
				1E10004-	-14 (Soil)				
Analyte	Limi Result	t Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by l	EPA / Standa			asin Envi	ronmental	Lab, L.P.			
% Moisture Total Petroleum Hydrocarbons C6-	2.0 C35 by FPA	0.1 Method	% I 8015M	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
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	9	8.2 %	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 Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]	Project: Airstream 501-H Jet Pump Project Number: 13617 Project Manager: Tim McMinn					Fax: (432) 56	53-2213	
					P@ 3'				
				1E10004	-15 (Soil)				
Analyte	Limit Result	Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				asin Envi	ronmental	Lab, L.P.			
General Chemistry Parameters by % Moisture	5.0	0.1	%	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-				1	D1F1107	05/11/01 15 54	05/12/21 10 11	TDU 001714	
C6-C12 >C12-C28 >C28-C35	ND ND ND	26.3 26.3 26.3	mg/kg dry mg/kg dry mg/kg dry	1	P1E1106 P1E1106 P1E1106	05/11/21 15:54 05/11/21 15:54 05/11/21 15:54	05/12/21 19:11 05/12/21 19:11 05/12/21 19:11	TPH 8015M TPH 8015M TPH 8015M	
Surrogate: 1-Chlorooctane Surrogate: o-Terphenyl		9.5 % 111 %	70-130 70-130		P1E1106 P1E1106	05/11/21 15:54 05/11/21 15:54	05/12/21 19:11 05/12/21 19:11	TPH 8015M 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 Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]	Project: Airstream 501-H Jet Pump Project Number: 13617 Project Manager: Tim McMinn					Fax: (432) 56	3-2213	
				SWA	0				
				1E10004	-16 (Soil)				
Analyte	Lim Result	it Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	FPA / Stand			asin Envi	ronmental	Lab, L.P.			
% 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	l 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 Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:		01-H Jet Pump n		Fax: (432) 56	53-2213
					2@2.5'				
				1E10004	-17 (Soil)				
Analyte	Limit Result	Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EPA / Standa			asin Envi	ironmental	Lab, L.P.			
% Moisture Total Petroleum Hydrocarbons C6-	4.0 C35 by EPA	0.1 Method	% 8015M	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
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	9	9.4 %	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 Solutio	ns, Inc. [1]			2		01-H Jet Pump		Fax: (432) 56	53-2213
13000 West County Road 100			Projec	t Number:	13617				
Odessa TX, 79765			Project	Manager:	Tim McMin	n			
				NW	@ 2'				
				1E10004	-18 (Soil)				
	Lin	nit Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by ]		lard Met	hods		ronmental				
% Moisture <u>Total Petroleum Hydrocarbons C6-</u>	14.0 <u>C35 by EP</u>	0.1 <b>A Method</b>	% I 8015M	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
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 Solution 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:		01-H Jet Pump n		Fax: (432) 56	3-2213
				NWP	0				
				1E10004	-19 (Soil)				
Analyte	Lim Result	it Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				asin Envi	ronmental	Lab, L.P.			
<u>General Chemistry Parameters by</u> % Moisture	<u>EPA / Stand</u> 7.0	0.1	<u>noas</u> %	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	l 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 Solution 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:		01-H Jet Pump n		Fax: (432) 56	53-2213
				NEP (	@ 2.5'				
				1E10004	-20 (Soil)				
Analyte	Lin Result	iit Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by I</u>	EPA / Stand			asin Envi	ronmental	Lab, L.P.			
% Moisture <u>Total Petroleum Hydrocarbons C6-</u> (	12.0 C <mark>35 by EP</mark> 4	0.1 <b>Method</b>	% I 8015M	1	P1E1201	05/12/21 08:34	05/12/21 09:28	ASTM D2216	
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]	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	

#### BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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: (	)5/12/21 Ar	nalyzed: 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]	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	

#### BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting	<b>T</b> T 10	Spike	Source	NAPEC	%REC		RPD	<b>N</b> T 4
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1E1213 - *** DEFAULT PREP ***										
Calibration Check (P1E1213-CCV2)				Prepared: (	05/12/21 A	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: (	)5/12/21 A	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)	Sou	ırce: 1E06004	-01	Prepared: (	)5/12/21 A	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)	Sou	ırce: 1E06004	-01	Prepared: (	)5/12/21 A	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]	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	

## General Chemistry Parameters by EPA / Standard Methods - Quality Control

#### Permian Basin Environmental Lab, L.P.

EC iits RPD	RPD Limit	Notes
11.8	20	
6.90	20	
0.00	20	
0.00	20	
0.00	20	
0.00	20	
0.00	20	
0.00	20	
	6.90 0.00 0.00 0.00 0.00 0.00	6.90     20       0.00     20       0.00     20       0.00     20       0.00     20       0.00     20       0.00     20       0.00     20

Permian Basin Environmental Lab, L.P.

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	

# 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)	Sou	rce: 1E10009	-02	Prepared &	k Analyzed:	05/12/21				
% Moisture	5.0	0.1	%		4.0			22.2	20	R
Duplicate (P1E1201-DUPA)	Sou	rce: 1E11002	-06	Prepared &	k Analyzed:	05/12/21				
% Moisture	8.0	0.1	%		7.0			13.3	20	
Batch P1E1308 - *** DEFAULT PREP ***										
Blank (P1E1308-BLK1)				Prepared &	k Analyzed:	05/13/21				
Chloride	ND	1.00	mg/kg wet							
LCS (P1E1308-BS1)				Prepared: (	05/13/21 A	nalyzed: 05	/14/21			
Chloride	411	1.00	mg/kg wet	400		103	90-110			
LCS Dup (P1E1308-BSD1)				Prepared: (	05/13/21 A	nalyzed: 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 A	nalyzed: 05	/14/21			
Chloride	21.1		mg/kg	20.0		105	90-110			
Calibration Check (P1E1308-CCV2)				Prepared: (	05/13/21 A	nalyzed: 05	/14/21			
Chloride	21.1		mg/kg	20.0		106	90-110			
Calibration Check (P1E1308-CCV3)				Prepared: (	05/13/21 A	nalyzed: 05	/14/21			
Chloride	21.2		mg/kg	20.0		106	90-110			
Matrix Spike (P1E1308-MS1)	Sou	rce: 1E13002	-01	Prepared &	k Analyzed:	05/13/21				
Chloride	1050	1.14	mg/kg dry	568	832	38.2	80-120			

Permian Basin Environmental Lab, L.P.

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	

## General Chemistry Parameters by EPA / Standard Methods - Quality Control

## Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit U	Jnits	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1308 - *** DEFAULT PREP ***										
Matrix Spike (P1E1308-MS2)	Sourc	e: 1E10001-17		Prepared: 0	05/13/21 Ar	nalyzed: 05	/14/21			
Chloride	1660	5.81 mg/	/kg dry	581	974	118	80-120			
Matrix Spike Dup (P1E1308-MSD1)	Sourc	e: 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)	Sourc	e: 1E10001-17	-	Prepared: 0	05/13/21 Ar	nalyzed: 05	/14/21			
Chloride	1660	5.81 mg/	/kg dry	581	974	117	80-120	0.0351	20	

Permian Basin Environmental Lab, L.P.

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		

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

#### Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1E1011 - TX 1005										
Blank (P1E1011-BLK1)				Prepared: (	05/10/21 Ai	nalyzed: 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 Ai	nalyzed: 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 Ai	nalyzed: 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: (	)5/10/21 Ai	nalyzed: 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: (	)5/10/21 Ai	nalyzed: 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			

Permian Basin Environmental Lab, L.P.

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		

## 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)	Sour	ce: 1E10004	-03	Prepared: (	05/10/21 Ai	nalvzed: 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-0
Surrogate: 1-Chlorooctane	113		"	111		102	70-130			
Surrogate: o-Terphenyl	47.3		"	55.6		85.2	70-130			
Matrix Spike Dup (P1E1011-MSD1)	Sour	ce: 1E10004	-03	Prepared: (	05/10/21 A	nalyzed: 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 Ai	nalyzed: 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 Ai	nalyzed: 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 Ai	nalyzed: 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			

Permian Basin Environmental Lab, L.P.

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	

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

#### Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1E1106 - TX 1005										
Calibration Check (P1E1106-CCV1)				Prepared: (	)5/11/21 A	nalyzed: 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: (	)5/11/21 A	nalyzed: 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)	Sour	ce: 1E10004	-20	Prepared: (	05/11/21 A	nalyzed: 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)	Sour	ce: 1E10004	-20	Prepared: (	)5/11/21 A	nalyzed: 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]	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	

#### **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:

in Barron

5/18/2021

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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.

Date:

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	

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.
Re	<u>ceivea</u>			/27/20	21 8	:30:	247	4 <i>M</i>		:														Page	145 of 191
	Relinquished by	Relinquished by:	Relinquished by	Bill to Centennial Resource	Special Instructions:		8 Leite	7 Batter	6 Botter		y Bo		7	) Ba	LAB # (lab use only)	ORDER #:	(lab use only)		Sam	Tele	City/	Com	Com	Proje	E
			Ac	ial Resource	612	the 1	*	ter Hale	Hole	the	Botton the 6	the	Sotter Hole	Botter Hule -		1610004			Sampler Signature	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:	BJBILS A
					4	4		10	6			5	4	2	FIELD CODE			ł		(132)230-3763	Odessa, Texas 79765	s: 13000 W CR 100	Etech Envir	Tim McMinn	
	Date	Date	S/A						- marked and the second se											763	xas 79765	R 100	Etech Environmental and Safety Solutions, Inc.		CHAIN OF
	_	=	8=												Beginning Depth		÷						afety		cus
ł		Time	1		20	, e,	4	4	41	71	5	5	45	350	Ending Depth			:					Solution		TODY
. Sural	NMA L	Received by:	Received by:							-				5-5-21	Date Sampled								s, Inc		RECORD AI
	I'M BUILDE				9:47	9:34	9:22	9:15	9:00	8.41	8:30		8:10	8:00	Time Sampled				e-mail-	Fax No:					CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Permian Bas 10014 S. Co
14 Ave Suc															Field Filtered					, <sup>1</sup> − .				Mid	S RE
in the second					F	-			-				-		Total #. of Containers	+		tim@etechenv.com	~					Midland, Texas	\$ <i>REQUEST</i> Permian Basin Environmental 10014 S. County Road 1213
2022					F	$\square$	-				<u> </u>				HNO <sub>3</sub>	Pre		lec	≦ a†	ľ				e	EST Bas
100000						1.	-					-			HCI	Preservatio		hen	<u>j</u>						un tr ty tr
00000	( h. [	· .													H <sub>2</sub> SO <sub>4</sub>			14.0	et ec					79706	nviro Ro:
2 Carriers															NaOH	& # of Containers		B	he .					6	ronmental Lab, LP oad 1213
100	1		<u> </u>	:	<u> </u>										Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Conta	. ·		N N						ental 213
Ē	<u> </u>				-	-	<u> </u>								None	iners	<u>е</u> , т.		ön						Lab
2	Date	Date	Date		-	+								<u> </u>	Other ( Specify) DW=Drinking Water SL=Sludge	Η		1-		, <b>I</b>	E.	1	1		Ę
						5	m	5	5	5	5	5	5	5	GW = Groundwater S=Soil/Solid	Matrix				Rep					
N.	<b>%</b>	_								·					NP⊨Non-Potable Specify Other	×				Report Format:		P		Proj	
	Time	ime	Ime				1-							1		)15B		1 k	2	Form		ojec	Pro	ecti	
1.1	1.4. 1. 24.	്ം		  < 00  r		┨──				<u> </u> -	┝─-	<u> </u>	_		TPH: TX 1005 Ext TX 1 Cations (Ca, Mg, Na, K)	006			0	nat:	PO #	Project Loc:	Project #:	Project Name:	
200	Temperatu Received:	amp by	abel usto usto	amp	<u>;</u>	+	1			-	-		<u>.</u>		Anions (CI, SO4, Alkalinity)			1 5	6		* 	2 2	注	n K	01
Č.	eratı ved: ved:	San San	s on dy se dy se	Free Free	\$ <b> </b>					1					SAR / ESP / CEC		TCLP:	IN	. · ·	St.	0	5		1	Ť
100	Ω Ω Π	nple Hand E by Sampler/ by Counier?	cont eals eals	ontai	<u>-</u>										Metals: As Ag Ba Cd Cr Pb Hg	Se		1. N	5	X Standard	N	3	36	5	
() 開始時間	- \p	nple Hand Delivered by Sampler/Client Rep. ? by Counier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Sample Containers Intact? VOCs Free of Headspace?						÷.,					Volatiles			Analyze For:	- 11 	Ird	02545	ea lount	13617	firsteen	2 Phone: 432-661-4184
100 A	Rec	rered It Rep UPS	n(s) poler	Inta	B										Semivolatiles				<b>K</b> .		5	G			432
C.	ိုင်ခို		iner(	8, 613											BTEX 8021B/5030 or BTEX 82	260		<b>1</b> 3 <b>1</b>			<b>V</b> .	17		õ	:-66
acic	<b>P</b>	DHE	s) S			<u> </u>		· ·							RCI						<u>}</u>	T			14
k	<u>_+</u>					<u> </u>				<u> </u>	<u> </u>		<u> </u>		N.O.R.M.					Ð		マ		Ħ	84
ß	7	$\overline{\times}$	$\overline{\chi}$	$\overrightarrow{\mathbf{x}}$		-							ļ		Chlorides E 300			$\{ \ $			- -	K S	1.	L	
2642.5						+						· ·												Ĥ.	
		lone Star	z z z	z											RUSH TAT (Pre-Schedule) 24,	48,	72 hrs			DE				C/2	
19.20		<u>Å</u>			-			F							Standard TAT	ŀ				σ,				Ň	3 of 34

Released to Imaging: 9/28/2021 2:29:06 PM

Received by	OCD: 8/	27/2021	8:30:24	

Relinquished by Relinquished by: Relinquished by Special Instructions: (lab use only) **ORDER #:** ŭ 3 8 E 9 5 ē Ś ه LAB # (lab use only) NWP NEP Sampler Signature: Company Address: 13000 W CR 100 **Company Name** Project Manager: Telephone No: City/State/Zip: EWT いえも AW NWD Sotter Hale Batton Hele Sotter Hale Sotten Hole 18 Bill to Centennia F10004 4 FIELD CODE 2 2 2 3 (482)230-3763 Odessa, Texas 79765 Etech Environmental and Safety Solutions, Inc. Tim McMinn Ž  $\bar{\mathcal{O}}$ CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST J. Date Date L K M M M M **Beginning Depth** Time lime 20 Q-2 Ŷ 2 (منع ۱ Ł 5 Ending Depth Received by: Received by: 5-5-21 ved by PBH Date Sampled Mar 1 11:41 10:41 10:25 10:50 6:32 11:33 21.01 10:00 1.12 00:11 Fax No: Time Sampled e-mail: ield Filtered Matt@etechenv.com tim@etechenv.com Midland, Texas 79706 10014 S. County Road 1213 Permian Basin Environmental Lab, LP Total #. of Containers Ice HNO<sub>3</sub> HCI H₂SO₄ & # of Containers NaOH Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> None Other (Specify) Date Date DW=Drinking Water SL=Sludge 5 5 h Matrix Report Format: GW = Groundwater S=Soil/Solid Project Name: A. stran NP=Non-Potable Specify Ot 16:09 Project Loc: Lea (punt Time Time 6 8 ষ 88 3  $\mathcal{S}$ TPH: 8015M ) 8015B Project #: 8 418.1 2 ፚ TX 1006 TPH: TX 1005 Ext 5hCZD#2 Labels on confainer(s) Custody seals on confainer(s) Custody seals on coder(s) Sample Hand Delivered Temperature Upon Receipt Received: 4 5 °C F Adjusted: 5 °C F Sample Containers Intact? VOCs Free of Headspace? Cations (Ca, Mg, Na, K) Laboratory Comments: by Sampler/Client Rep ? by Courier? UPS [ X Standard Anions (CI, SO4, Alkalinity) FOTAL: SAR / ESP / CEC 13617 Phone: 432-661-4184 Metals: As Ag Ba Cd Cr Pb Hg Se Analyze Volatiles Semivolatiles 먹 °C Facto BTEX 80219/5030 or BTEX 8260 Ø 501-4 DHI RCI N.O.R.M. てろ δ Chlorides E 300 5 **NPDES** Lone Stai zzzz zzz RUSH TAT (Pre-Schedule) 24, 48, 72 hrs Standard TAT Х ð SUIS

Page 146 of 191

Page 34 of 34

Released to Imaging: 9/28/2021 2:29:06 PM

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

Page 1 of 1

E Tech Environ	mental & Safety	Solutions, Inc.		Project	: Airstream	Airstream 501-H Jet Pump						
13000 West Cou	nty Road 100			Project Number	: 13617	13617						
Odessa TX, 7976	55			Project Manager	: Tim McMi	inn						
SAMPLED:         06/01/21           RECEIVED:         06-03-202			REPORTED:	06/09/21								
LAB #			1F03006-01	-	-	-	-	-				
MATRIX		Minimum	Soil	-	-	-	-	-				
SAMPLE ID		Reporting Limit	BH 10 @ 5'	-	-	-	-	-				
General Chemis	stry Parameters	by EPA / Standard	Methods (Soil)									
% Moisture		0.1 %	5.0	-	-	-	-	-				
Total Petroleun	n Hydrocarbons	C6-C35 by EPA Me	thod 8015M (So	pil)								
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 Hyd	Irocarbon C6-C35	26.3 mg/kg dry	<26.3	-	-	-	-	-				

**SUMMARY REPORT** 

#### **Special Notes**

1 = Samples received in Bulk soil containers

2 = Received on Ice

Permian Basin Environmental Lab, L.P.

Barron

Brent Barron Technical Director

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



# 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



**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
		P	ermian Ba	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Stand	lard Metl	nods						
% 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	

Permian Basin Environmental Lab, L.P.

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

#### General Chemistry Parameters by EPA / Standard Methods - Quality Control

#### Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1F0401 - *** DEFAULT PREP ***										
Blank (P1F0401-BLK1)				Prepared &	Analyzed:	06/04/21				
% Moisture	ND	0.1	%							
Duplicate (P1F0401-DUP1)	Sourc	e: 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)	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.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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			

Permian Basin Environmental Lab, L.P.

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.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1F0706 - TX 1005										
Matrix Spike (P1F0706-MS1)	Sourc	e: 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)	Sour	e: 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

Barron

Report Approved By:

Date:

6/9/2021

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Recepteringu			Relinguished	27/Specie	202	18:	30:	24	4	1						LAB # (lab use only)	ORDER #:	(lab use only)						Page 155 of
Relinquished by:	telinquished by:	le de	ished by:	Bill to Centennial Resource														e only)	Sampl	Teleph	City/St	Comp	Comp	Projec
				ions: Il Resourc											BH		103006		Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	BBIA Project Manager:
		A		~~~~											1 10	FIELD CODE	6		ture:	<u></u>	0			
			-											 	3	ODE				(432)230-3763	Odessa, Texas 79765	13000 W CR 100	Etech Environmental and Safety Solutions, Inc.	Tim McMinn
		6	╉						ч. 						N				NY.	1763	exas 79	JR 100	ronmen	
Date	Date	(1.3.2)	Date	······································												2 2					765		tal and a	CHAIN OF CUSTODY RECORD AND ANAL YSIS REQUEST Permian Basi 10014 S. Cou Midland, Tex
	Tu	6														Beginning Depth	]						Safety S	CUS1
	Time	5	Time I													Ending Depth							Solution	TODY I
Received by PBEL	Received by:		Received by:												6/1	Date Sampled		- - -	NX.				s, Inc.	RECOR
I by PBE	i by:		by:				-								121									RD AN
320															1400	Time Sampled		· ·	Ø	Ţ				DANA
sol			:																e-mail:	Fax No:				LYSIS
					-		_									Field Filtered			Matt@etechenv.com tim@etechenv.com					5 <i>REQUEST</i> Permian Basin Environmental Lab, LP 10014 S. County Road 1213 Midland, Texas 79706
				•	-	_		_							×	Total #. of Containers			8					and Superior
					-	╧╋─						╂───			F	Ice HNO <sub>3</sub>	P		Mat					ES7 Co
												┟───	<b> </b>		$\vdash$	HCI	Preservation &							tas unt
					-	+							-		$\vdash$	H <sub>2</sub> SO <sub>4</sub>	- tion		<u>Nete</u>					nvironn / Road 79706
						+	-				+	+	-		+	NaOH			S S S S					onm of
					-			-					<b>†</b>		†—	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	# of Containers					4.1		121;
6					F	-	+					<u>†</u>			$\uparrow$	None	Itaine	:	1.00		1 2 .			S al
5	Ę				F		1				1	1			$\square$	Other ( Specify)	3	•	Ĕ			ľ.		j, de
$\mathcal{F}_{\mathbb{R}}$	Date		Date								1		1			DW=Drinking Water SL=Sludge				• 				י סי
10-30			_	•					· .						S	GW = Groundwater S=Soil/Solld NP=Non-Potable Specify Other	Matrix		b	Report Format:		ס		Pro
	Ime	1	Ime			-								÷.		TPH: 418.1 8015M 80	015B			For		Project Loc:	Pro	Project Name:
						_						<b>_</b>				TPH: TX 1005 Ext TX 1	006			nat:	PO #	ц Ц	Project #:	Nan
Temperatu Received a	by Sampler( by Courier?	Cus	abe	VOC San	2						<u> </u>		-		<u> .</u>	Cations (Ca, Mg, Na, K)					*	្តត	*	le:
eive	oy C oy S ope	lody	a¥s o	E S	<u>]</u>	<u>.</u>	_				L.	<u> </u>				Anions (Cl, SO4, Alkalinity)		17		X		~		D S
d: C	nan amp ourie	sea	ЭQ		3	$\bot$					<u> </u>	<u> </u>				SAR / ESP / CEC		TCLP:		Slar		le.	-	i to
12		0.50	onta	of H	<u> </u>							<u> </u>				Metals: As Ag Ba Cd Cr Pb Hg	) Se		Ą	Standard	0	1	w	Airs fre
Ľ,Ž	` <b>`</b> ⊂ 0	Custody seals on container(s) Custody seals on cooler(s)		Sample Containers Intact? VOCs Free of Headspace?	Aboratory Comments				Ĺ		<b> </b>	<u> </u>			1.0	Volatiles			Analyze For:	a.	N	5	3617	Phone: 432,661-4184
An Receipt	ered UPS	oler	\$	space Space	\$L_				<u> </u>			1		<u> </u>	<u> </u>	Semivolatiles			e Fo		545	County	Y	432-6
ဂိမ္မ		ner(		ĞЗ.		_				<b> </b>	<u> </u>	1				BTEX 8021B/5030 or BTEX 82	260		ā		12	12		3 66
	E.	() ()			L_			·	ļ				<u> </u>			RCI	·							5
A.	-				୍ 🗆	+	_	i				ļ		<u> </u>	-	N.O.R.M.				Ũ	•	2	1	4184 501H Jut
3		2	Y	70	,		_			<u>                                     </u>	<b> </b>					Chlorides E 300						Non		
	×~~	ų į		2	-	_			<u> </u>					<u> </u>	-		<u> </u>							121
	one ,	: <b>z</b> z		-	<u> </u>		_		<b></b>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1				4	NPDES			1. :	
	N N .one Star	- <b></b> -		zz	L	-	_		ļ	<u> </u>	<u> </u>		1	-	<u> </u>	RUSH TAT (Pre-Schedule) 24	, 48, 72	hrs :	<b>.</b> .	E		1		1
		N.	19							1	100	1	1	h.,	X	Standard TAT	1				1 -		1	0

Released to Imaging: 9/28/2021 2:29:06 PM

Pace Analytical® ANALYTICAL REPORT

# **Etech Environmental- Midland, TX**

June 14, 2021

Sample Delivery Group: Samples Received: Project Number:

L1362550 06/05/2021 13617 Airstream 501H Jet Pump

Report To:

Description:

Tim McMinn PO Box 62228 Midland, TX 79711

Entire Report Reviewed By:

Jonifler Gambill

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

Released to Imaging: 9/28/2021 2:29:06 PM Etech Environmental- Midland, TX

PROJECT: 13617

SDG: L1362550

DATE/TIME: 06/14/21 17:31

PAGE: 1 of 20

Page 156 of 191



# TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Ds: Detection Summary	5
Sr: Sample Results	6
BH-3 L1362550-01	6
BH-5 L1362550-02	7
BH-10 L1362550-03	8
BH-12 L1362550-04	9
BH-21 L1362550-05	10
BH-22 L1362550-06	11
Qc: Quality Control Summary	12
Total Solids by Method 2540 G-2011	12
Wet Chemistry by Method 9056A	13
Volatile Organic Compounds (GC) by Method 8015/8021	14
Semi-Volatile Organic Compounds (GC) by Method 8015M	16
GI: Glossary of Terms	18
Al: Accreditations & Locations	19
Sc: Sample Chain of Custody	20

Ср

Ss

Cn

Ds

Sr

Qc

GI

ΆI

Sc

PROJECT: 13617

SDG: L1362550

DATE/TIME: 06/14/21 17:31

PAGE: 2 of 20

# SAMPLE SUMMARY

Page 158 of 191

Ср

Тс

Ss

Cn

Ďs

Sr

Qc

GI

ΆI

Sc

	SAMPLE S		/IAR Y			Page
BH-3 L1362550-01 Solid			Collected by Tim M	Collected date/time 06/03/21 12:22	Received da 06/05/21 12:	
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
			Collected by Tim M	Collected date/time 06/03/21 12:25	Received da 06/05/21 12:	
BH-5 L1362550-02 Solid	Datch	Dilution				
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
Net 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
			Collected by	Collected date/time	Received da	te/time
BH-10 L1362550-03 Solid			Tim M	06/03/21 12:20	06/05/2112:	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 da 06/05/21 12:	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
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	06/09/2115:25	06/09/21 21:54	JN	Mt. Juliet, TN
			Collected by	Collected date/time		
BH-21 L1362550-05 Solid			Tim M	06/03/21 12:10	06/05/2112:	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	06/09/2115:25	06/09/21 22:08	JN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	
					0.0105/04.40	00
BH-22 L1362550-06 Solid			Tim M	06/03/21 12:13	06/05/2112:	00
BH-22 L1362550-06 Solid Method	Batch	Dilution	Tim M Preparation date/time	06/03/21 12:13 Analysis date/time	Analyst	Location
	Batch WG1684916	Dilution 1	Preparation	Analysis		
Method			Preparation date/time	Analysis date/time	Analyst	Location
Method Total Solids by Method 2540 G-2011	WG1684916	1	Preparation date/time 06/08/21 20:46	Analysis date/time 06/08/21 20:56	Analyst KDW	Location Mt. Juliet, TN

Released to Imaging: 3/28/2021 2:29:06 PM Etech Environmental- Midland, TX PROJECT: 13617 SDG: L1362550 DATE/TIME: 06/14/21 17:31

**PAGE**: 3 of 20

# CASE NARRATIVE

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.

le Gambill

Jennifer Gambill Project Manager



SDG: L1362550 DATE/TIME: 06/14/21 17:31 PAGE: 4 of 20

# DETECTION SUMMARY

#### Page 160 of 191

ΆI

Sc

#### Wet Chemistry by Method 9056A

			Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	- 1
Client ID	Lab Sample ID	Analyte	mg/kg		mg/kg		date / time		
BH-3	L1362550-01	Chloride	48.3		24.4	1	06/12/2021 21:55	WG1687222	2.
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	3
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	
									4

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

			Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
Client ID	Lab Sample ID	Analyte	mg/kg		mg/kg		date / time		
BH-3	L1362550-01	C28-C36 Motor Oil Range	4.89		4.89	1	06/11/2021 02:42	WG1685536	6
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	7
BH-12	L1362550-04	C28-C36 Motor Oil Range	9.38		4.57	1	06/09/2021 21:54	WG1685537	ľ
BH-21	L1362550-05	C10-C28 Diesel Range	32.7		4.99	1	06/09/2021 22:08	WG1685537	L
BH-21	L1362550-05	C28-C36 Motor Oil Range	22.7		4.99	1	06/09/2021 22:08	WG1685537	٤

Released to Imaging: 3/28/2021 2:29:06 PM Etech Environmental- Midland, TX SDG: L1362550 DATE/TIME: 06/14/21 17:31

1

PAGE: 5 of 20

# SAMPLE RESULTS - 01

Ss

Cn

Ds

Sc

# Total Solids by Method 2540 G-2011

Collected date/time: 06/03/21 12:22

		010 0 20					Cn
		Result	Qualifier	Dilution	Analysis	Batch	Ср
An	alyte	%			date / time		2
To	al Solids	81.9		1	06/08/2021 20:56	WG1684916	⁻Tc

### Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	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

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	L
		Quaimer		Dilution	,	Batch	6
Analyte	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	<u>WG1685601</u>	7
Ethylbenzene	ND		0.000611	1	06/10/2021 19:14	WG1685601	
Total Xylene	ND		0.00183	1	06/10/2021 19:14	WG1685601	8
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	L
(S) a,a,a-Trifluorotoluene(PID)	111		72.0-128		06/10/2021 19:14	WG1685601	9

# Semi-Volatile Organic Compounds $\,$ (GC) by Method 8015M $\,$

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	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

SDG: L1362550

# SAMPLE RESULTS - 02

ΆI

Sc

Collected date/time: 06/03/21 12:25

(S) a,a,a-Trifluorotoluene(PID)

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		
Total Solids	86.6		1	06/08/2021 20:56	WG1684916	
Wet Chemistry by Met	:hod 9056A					
	Result (dry)	Qualifier	RDL (d	lry) Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Chloride	45.0		23.1	1	06/12/2021 22:05	WG1687222
	13.0		20.1	·	00/12/2021 22.00	101007222
Volatile Organic Comp		by Metho Qualifier			Analysis	Batch
Volatile Organic Comp	oounds (GC)	-	d 8015,	Iry) Dilution		
	oounds (GC) Result (dry)	-	d 8015/ RDL (d	lry) Dilution	Analysis	
Analyte	Dounds (GC) Result (dry) mg/kg	-	d 8015/ RDL (d mg/kg	Iry) Dilution	Analysis date / time	Batch
Analyte Benzene	Result (dry) mg/kg ND	-	d 8015/ RDL (d mg/kg 0.000	Iry)Dilution5771771	Analysis date / time 06/10/2021 19:35	Batch WG1685601
Analyte Benzene Toluene	Result (dry) mg/kg ND ND	-	d 8015, RDL (d mg/kg 0.000 0.005	Dilution           577         1           77         1           577         1	Analysis date / time 06/10/2021 19:35 06/10/2021 19:35	Batch WG1685601 WG1685601
Analyte Benzene Toluene Ethylbenzene	Result (dry)       mg/kg       ND       ND       ND       ND	-	d 8015/ RDL (d mg/kg 0.000 0.005 0.000	Dilution           577         1           77         1           577         1	Analysis date / time 06/10/2021 19:35 06/10/2021 19:35 06/10/2021 19:35	Batch WG1685601 WG1685601 WG1685601

06/10/2021 19:35

WG1685601

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

111

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	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

72.0-128

SDG: L1362550

# SAMPLE RESULTS - 03

Sc

Collected date/time: 06/03/21 12:20

Analyte	Result %	<u>Qualifier</u>		Analysis date / time	Batch		
Total Solids	90.8		1	06/08/2021 20:56	<u>WG1684916</u>		
Wet Chemistry by Met	hod 9056A						
	Result (dry)	Qualifier	RDL (dr	ry) Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Chloride	180		22.0	1	06/12/2021 23:02	WG1687222	
Volatile Organic Comp	ounds (GC)	by Metho	d 8015/	8021			
Volatile Organic Comp	Dounds (GC) Result (dry)	by Metho <u>Qualifier</u>	d 8015/ RDL (dr		Analysis	Batch	
Volatile Organic Comp Analyte					Analysis date / time	Batch	
	Result (dry)		RDL (dr	ry) Dilution	-	Batch WG1685601	
Analyte	Result (dry) mg/kg		<b>RDL (d</b> r mg/kg	ry) Dilution	date / time		
Analyte Benzene	Result (dry) mg/kg ND		RDL (dr mg/kg 0.0005	Dilution           556         1.01           56         1.01	date / time 06/10/2021 19:57	WG1685601	
Analyte Benzene Toluene	Result (dry) mg/kg ND ND		RDL (dr mg/kg 0.0005 0.0055	ry) Dilution 556 1.01 566 1.01 556 1.01	date / time 06/10/2021 19:57 06/10/2021 19:57	WG1685601 WG1685601	
Analyte Benzene Toluene Ethylbenzene	Result (dry) mg/kg ND ND ND		RDL (dr mg/kg 0.0005 0.0055 0.0005	ry) Dilution 556 1.01 566 1.01 556 1.01	date / time 06/10/2021 19:57 06/10/2021 19:57 06/10/2021 19:57	WG1685601 WG1685601 WG1685601	
Analyte Benzene Toluene Ethylbenzene Total Xylene	Result (dry) mg/kg ND ND ND ND ND		RDL (dr mg/kg 0.0005 0.0055 0.0005 0.0005	Dilution           556         1.01           566         1.01           556         1.01           556         1.01           7         1.01           1.01         1.01	date / time 06/10/2021 19:57 06/10/2021 19:57 06/10/2021 19:57 06/10/2021 19:57	WG1685601 WG1685601 WG1685601 WG1685601	

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

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	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

SDG: L1362550 DATE/TIME: 06/14/21 17:31

# SAMPLE RESULTS - 04

ΆI

Sc

Collected date/time: 06/03/21 12:18

(S) a,a,a-Trifluorotoluene(PID)

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		
Total Solids	87.6		1	06/08/2021 20:56	WG1684916	
Wet Chemistry by Me	ethod 9056A					
	Result (dry)	Qualifier	RDL (d	ry) Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
	222					
Chloride	222		22.8	1	06/12/2021 23:11	WG1687222
Volatile Organic Con		by Methor			06/12/2021 23:11 Analysis	WG1687222 Batch
Volatile Organic Con	npounds (GC) l	-	d 8015/	ry) Dilution		
Volatile Organic Con Analyte	npounds (GC) I Result (dry)	-	d 8015/ RDL (d	ry) Dilution	Analysis	
Volatile Organic Con Analyte Benzene	npounds (GC) I Result (dry) mg/kg	-	d 8015/ RDL (d mg/kg	ry) Dilution	Analysis date / time	Batch
Volatile Organic Con Analyte Benzene Toluene	npounds (GC) I Result (dry) mg/kg ND	-	d 8015/ RDL (d mg/kg 0.0005	ry)         Dilution           571         1           71         1	Analysis date / time 06/10/2021 20:18	Batch WG1685601
	Result (dry) mg/kg ND ND	-	d 8015/ RDL (d mg/kg 0.0005	ry) Dilution 571 1 71 1 571 1	Analysis date / time 06/10/2021 20:18 06/10/2021 20:18	Batch WG1685601 WG1685601
Volatile Organic Con Analyte Benzene Toluene Ethylbenzene	Result (dry) mg/kg ND ND ND ND	-	d 8015/ RDL (d mg/kg 0.00057 0.00057	ry) Dilution 571 1 71 1 571 1	Analysis           date / time           06/10/2021 20:18           06/10/2021 20:18           06/10/2021 20:18	Batch WG1685601 WG1685601 WG1685601

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

110

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	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

06/10/2021 20:18

WG1685601

72.0-128

SDG: L1362550

# SAMPLE RESULTS - 05

AI

Sc

Collected date/time: 06/03/21 12:10

(S) a,a,a-Trifluorotoluene(FID)

(S) a,a,a-Trifluorotoluene(PID)

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		
Total Solids	80.1		1	06/08/2021 20:56	WG1684916	
Wet Chemistry by N	Nethod 9056A					
	Result (dry)	Qualifier	RDL (dr	y) Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Chloride	39.2		25.0	1	06/12/2021 23:21	WG1687222
Volatile Organic Co	mpounds (GC) l	by Method	d 8015/;	8021		
Volatile Organic Cc	ompounds (GC) k Result (dry)	by Methoo <u>Qualifier</u>	d 8015/8 RDL (dr		Analysis	Batch
Volatile Organic Co					<b>Analysis</b> date / time	Batch
	Result (dry)		RDL (dr	y) Dilution	•	Batch WG1685613
Analyte	Result (dry) mg/kg		<b>RDL (d</b> r mg/kg	y) Dilution	date / time	
Analyte Benzene	Result (dry) mg/kg ND		<b>RDL (dr</b> mg/kg 0.0006	y) Dilution 24 1 4 1	date / time 06/11/2021 02:12	WG1685613
Analyte Benzene Toluene	Result (dry) mg/kg ND ND		RDL (dr mg/kg 0.0006 0.0062	y) Dilution 24 1 4 1 24 1	date / time 06/11/2021 02:12 06/11/2021 02:12	WG1685613 WG1685613

06/11/2021 02:12

06/11/2021 02:12

WG1685613

WG1685613

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

114

111

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	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

77.0-120

72.0-128

SDG: L1362550

# SAMPLE RESULTS - 06

GI

ΆI

°Sc

Collected date/time: 06/03/21 12:13

Total Xylene

TPH (GC/FID) Low Fraction

(S) a,a,a-Trifluorotoluene(FID)

(S) a,a,a-Trifluorotoluene(PID)

	Result	Qualifier	Dilution A	nalysis	Batch	
Analyte	%		d	ate / time		
Total Solids	80.9		1 C	6/08/2021 20:56	WG1684916	
Vet Chemistry b	y Method 9056A					
	Result (dry)	Qualifier	RDL (dry	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Chloride	ND		24.7	1	06/12/2021 23:30	WG1687222
		by Matleau		0.01		
Volatile Organic	Compounds (GC)	by Method	2 0015/C	021		
Volatile Organic	Compounds (GC) Result (dry)	Dy Method	RDL (dry		Analysis	Batch
Volatile Organic	,	-			Analysis date / time	Batch
	Result (dry)	-	RDL (dry	Dilution		Batch WG1685613
Analyte	Result (dry) mg/kg	-	<b>RDL (dry</b> mg/kg	Dilution	date / time	

WG1685613

WG1685613

WG1685613

WG1685613

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

ND

ND

112

109

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	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

1

1

06/11/2021 02:34

06/11/2021 02:34

06/11/2021 02:34

06/11/2021 02:34

0.00185

77.0-120

72.0-128

0.124

SDG: L1362550 DATE/TIME: 06/14/21 17:31

#### Reg @ 46 26 26 27/2021 8:30:24 AM

Total Solids by Method 2540 G-2011

#### QUALITY CONTROL SUMMARY L1362550-01,02,03,04,05,06

Page 167 of 191

Qc

GI

Â

Sc

#### Method Blank (MB)

6/08/21 20:56				
MB Result	MB Qualifier	MB MDL	MB RDL	
%		%	%	
0.00300				
-	MB Result %	MB Result <u>MB Qualifier</u> %	MB Result         MB Qualifier         MB MDL         N           %         %         %         %         %	MB Result     MB Qualifier     MB MDL     MB RDL       %     %     %

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

L1362550-06 Ori (OS) L1362550-06 06/0	<u> </u>	· · · ·		× /				- <sup>4</sup> Cn
Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits %		<sup>5</sup> Ds
Total Solids	80.9	81.0	1	0.132		10		<sup>6</sup> Sr

#### Laboratory Control Sample (LCS)

(LCS) R3664892-2 C	06/08/21 20:56				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

SDG: L1362550

DATE/TIME: 06/14/21 17:31

PAGE: 12 of 20

# Res cire 6 9 9 20 3/27/2021 8:30:24 AM

Wet Chemistry by Method 9056A

# QUALITY CONTROL SUMMARY

Page 168 of 191

Ср

Тс

Ss

<sup>10</sup>Sc

#### Method Blank (MB)

(MB) R3666572-1 06	6/12/21 19:55			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		9.20	20.0

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

(OS) L1362550-02       O6/12/21 22:05 • (DUP) R3666572-3       O6/12/21 22:33         Original Result (dry)       DUP Result (dry)       DUP RPD       DUP Qualifier       DUP RPD Limits         Analyte       mg/kg       mg/kg       %       %
(dry) (dry) Dilution DOP RPD <u>DOP Qualifier</u> Limits Analyte mg/kg mg/kg % %
Chloride 45.0 42.3 1 6.20 15

### Original Sample (OS) • Duplicate (DUP)

Original Result     DUP Result     DUP RPD     DUP Qualifier       Analyte     mg/kg     %     %       Chloride     69.3     1     3.44     15	OS) • (DUP) R3666572-	6 06/13/21 01:06			
		Original Result DUP Result	Dilution DUP RPD D	P Qualifier DUP RPD Limits	
Chloride 69.3 1 3.44 15	nalyte	mg/kg	%	%	
	Chloride	69.3	1 3.44	15	

#### Laboratory Control Sample (LCS)

(LCS) R3666572-2 06/12	2/21 20:05				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
	5 5	5. 5			

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

(OS) L1362550-02 06/12/2	21 22:05 • (MS)	R3666572-4 (	06/12/21 22:43	• (MSD) R3666	572-5 06/12/2	21 22:52						
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	577	45.0	624	611	100	98.1	1	80.0-120			2.12	15

SDG: L1362550 DATE/TIME: 06/14/21 17:31

PAGE: 13 of 20 Volatile Organic Compounds (GC) by Method 8015/8021

# QUALITY CONTROL SUMMARY

### Page 169 of 191

Sr

Qc

G

ΆI

Sc

### Method Blank (MB)

(MB) R3666990-3 06/10/	/21 12:38				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	mg/kg		mg/kg	mg/kg	
Benzene	U		0.000120	0.000500	
Toluene	U		0.000150	0.00500	
Ethylbenzene	U		0.000110	0.000500	
Total Xylene	U		0.000460	0.00150	
TPH (GC/FID) Low Fraction	U		0.0217	0.100	
(S) a,a,a-Trifluorotoluene(FID)	114			77.0-120	
(S) a,a,a-Trifluorotoluene(PID)	111			72.0-128	

### Laboratory Control Sample (LCS)

/21 11:34				
Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
mg/kg	mg/kg	%	%	
0.0500	0.0442	88.4	76.0-121	
0.0500	0.0443	88.6	80.0-120	
0.0500	0.0439	87.8	80.0-124	
0.150	0.123	82.0	37.0-160	
		113	77.0-120	
		111	72.0-128	
	Spike Amount           mg/kg           0.0500           0.0500           0.0500	Spike Amount         LCS Result           mg/kg         mg/kg           0.0500         0.0442           0.0500         0.0443           0.0500         0.0439	Spike Amount         LCS Result         LCS Rec.           mg/kg         mg/kg         %           0.0500         0.0442         88.4           0.0500         0.0443         88.6           0.0500         0.0439         87.8           0.150         0.123         82.0           113         113	Spike Amount         LCS Result         LCS Rec.         Rec. Limits           mg/kg         mg/kg         %         %           0.0500         0.0442         88.4         76.0-121           0.0500         0.0443         88.6         80.0-120           0.0500         0.0439         87.8         80.0-124           0.150         0.123         82.0         37.0-160           113         77.0-120         77.0-120

### Laboratory Control Sample (LCS)

(LCS) R3666990-2 06/10	0/21 11:55				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
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	

SDG: L1362550 DATE/TIME: 06/14/21 17:31 PAGE: 14 of 20 Volatile Organic Compounds (GC) by Method 8015/8021

# QUALITY CONTROL SUMMARY

Page 170 of 191

### Method Blank (MB)

(MB) R3667006-3 06/11/2	21 00:55				[
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	
Benzene	U		0.000120	0.000500	
Toluene	U		0.000150	0.00500	3
Ethylbenzene	U		0.000110	0.000500	
Total Xylene	U		0.000460	0.00150	4
TPH (GC/FID) Low Fraction	U		0.0217	0.100	(
(S) a,a,a-Trifluorotoluene(FID)	115			77.0-120	5
(S) a,a,a-Trifluorotoluene(PID)	112			72.0-128	

# Laboratory Control Sample (LCS)

(LCS) R3667006-1 06/10	/21 23:50				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
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				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
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	

SDG: L1362550 DATE/TIME: 06/14/21 17:31 Semi-Volatile Organic Compounds (GC) by Method 8015M

# QUALITY CONTROL SUMMARY

Page 171 of 191

⁺Cn

Qc

GI

ΆI

Sc

#### Method Blank (MB)

	1				l'Cn
(MB) R3666475-1 06/10/	21 23:18				Ср
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	⁻Tc
C10-C28 Diesel Range	U		1.61	4.00	
C28-C36 Motor Oil Range	U		0.274	4.00	<sup>3</sup> Ss
(S) o-Terphenyl	64.6			18.0-148	55

#### Laboratory Control Sample (LCS)

(LCS) R3666475-2 06/1	10/21 23:31					-
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	mg/kg	mg/kg	%	%		
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 06/10/2	1 23:45 • (MS) F	23666475-3 0	6/10/21 23:59 •	(MSD) R36664	175-4 06/11/21	00:12						
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	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				

SDG: L1362550 DATE/TIME: 06/14/21 17:31 PAGE: 16 of 20 Semi-Volatile Organic Compounds (GC) by Method 8015M

#### QUALITY CONTROL SUMMARY L1362550-02,03,04,05,06

#### Method Blank (MB)

Method Blank (ME	3)				
(MB) R3665390-1 06/09	)/21 20:38	-			
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	mg/kg		mg/kg	mg/kg	
C10-C28 Diesel Range	U		1.61	4.00	
C28-C36 Motor Oil Range	0.393	<u>J</u>	0.274	4.00	
(S) o-Terphenyl	74.2			18.0-148	

#### Laboratory Control Sample (LCS)

(LCS) R3665390-2 06/	09/21 20:51				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
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 06/10/2	21 01:04 • (MS) F	R3665390-3 0	6/10/21 01:18 •	(MSD) R36653	90-4 06/10/21	01:32						
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	62.5	ND	48.2	32.5	77.1	52.4	1	50.0-150		<u>13</u>	38.9	20
(S) o-Terphenyl					82.4	54.3		18.0-148				

DATE/TIME: 06/14/21 17:31

PAGE: 17 of 20 ⁺Cn

Qc

GI

ΆI

Sc

#### 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

MDL ND	Method Detection Limit. 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 resul 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
1	The identification of the analyte is acceptable; the reported value is an estimate.

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.

SDG: L1362550 Sc

# Received by OCD: 8/27/2021 8:30:24 AMCCREDITATIONS & LOCATIONS

Page	17	'4 o	f 1	91
------	----	------	-----	----

Τс

Ss

Cn

Ds

Śr

Qc

GI

AI

Sc

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 <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
daho	TN00003	Ohio-VAP	CL0069
llinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky <sup>16</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
ouisiana	AI30792	Tennessee <sup>14</sup>	2006
ouisiana	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.

SDG: L1362550 DATE/TIME: 06/14/21 17:31

Project Manager:     Tim McMinn     Area:       Company Name:     Etech Environmental & Safety Solutions, Inc.     Image: Company Address:     P.O. Box 62228       City/State/Zip:     Midland, Texas 79711     Email:     tim@etechenv.com       Sampler Signature:     Image: Company Address:     Procession       Bill Etech     email:     tim@etechenv.com       ab use only)     matt@etechenv.com     Image: Company Addression       FIELD CODE     tdag use     paidumes are grand use       Image: Company Addression     FIELD CODE     tdag use	TANDARD: [	TCLP: OTAL :			0#: NPC					70	55
All the second of the second o	T g	OTAL :						~	74	pl	
Ab # (lab use only) BDEK #: Brate Sampled Time Sampled Date Sampled HOO No. of Containers No. of Cont	T g	OTAL :									
Image: Provide and Provided	8					Π					
IB # (lab use only) All about the second of the second of a second of the second of t	<b>5</b> 1006 K)										su
	TPH: 418. 8015M 100 Cations (Ca, Mg, Na,	Anions (Cl, SO4, CO3, HCO3) SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles Semi volatiles	BTEX 80218 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 0 0 0 0 5 2											
-07 BH-5 6/3/21 1225 1 x 0 0 0 0 5 Ø								X			
-03 BH-10 6/3/21 1220 1 x 0 0 0 0 5 2					1 🕱			K			
-04 BH-12 6/3/21 1218 1 x 0 0 0 0 5 X								R			
-05 BH-21 6/3/21 1210 1 x 0 0 0 0 0 5 Ø								K			
-06 BH-22 613/21 1213 1 x 0 0 0 0 5 X											
					ם נ						
									- 12		100
		] []									
Sample Receipt Checklist     I X     II     III       COC Seal Present/Intact:     Y     N     If Applicable     I     X     IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII											
COC Signed/Accurate: Y N VOA Zero Headspace: Y N 1 X 0 0 0 0 S 0											
Correct bottles used: Y_N Sufficient volume sent: Y_N											
RAD Screen <0.5 mR/hr: Y N					1.16.11						
pecial Instructions: Bill to Centennial Resource Development	ll ab	oratory	tainers						Y	N	
		pie cont		adspa						N	

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

Page 1 of 1

E Tech Environ	mental & Safety	Project:	Airstream 501-H	Airstream 501-H Jet Pump						
13000 West Cou	nty Road 100			Project Number:	13617					
Odessa TX, 79765				Project Manager:	Tim McMinn	Tim McMinn				
SAMPLED: RECEIVED:	06/30/21 07-06-202			REPORTED:	07/08/21 14:39					
LAB #			1G07005-01	-			-	-		
MATRIX		Minimum	Soil	-			-	-		
SAMPLE ID		Reporting Limit	BH-21	-			-	-		
General Chemis	stry Parameters	by EPA / Standard	Methods (Soil)							
% Moisture		0.1 %	8.0	-			-	-		
Total Petroleun	n Hydrocarbons	C6-C35 by EPA Met	hod 8015M (Sc	oil)						
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 Hyd	Irocarbon C6-C35	27.2 mg/kg dry	<27.2	-			-	-		

**SUMMARY REPORT** 

#### **Special Notes**

1 = Samples received in Bulk soil containers

2 = Received on Ice

Permian Basin Environmental Lab, L.P.

anon

Sara Gotcher For Brent Barron Technical Director

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



# 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



**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)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	.ab, L.P.			
General Chemistry Parameters by H	EPA / Stand	lard Metl	hods						
% Moisture	8.0	0.1	%	1	P1G0817	07/08/21 13:44	07/08/21 13:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C <b>35 by EP</b> A	A 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	

Permian Basin Environmental Lab, L.P.

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.

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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			

Permian Basin Environmental Lab, L.P.

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.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1G0704 - TX 1005										
Calibration Check (P1G0704-CCV3)				Prepared: (	07/07/21 A	nalyzed: 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)	Sou	rce: 1G07008	8-07	Prepared &	k 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)	Sou	rce: 1G07008	8-07	Prepared: (	07/07/21 A	nalyzed: 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			

Permian Basin Environmental Lab, L.P.

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

Barron

Report Approved By:

Date:

7/8/2021

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

eceive	ed b	<u>y 0</u>		8/	27/20		3:30	:24	<u>AM</u>	ratieve z	il kapa	1946)B	saada	ý Nedan	Gracie	New Second Street Street a longer a contract rest of the	Ta -				•				Page 1	84 of
Relinquished by:		Relinquished by		Reling: iished hv	Special Instructions: Bill to Centennial Resource											LAB # (lab use only)	ORDER #:	(lab use only)				 				
lished		lishec			Cent							<u> (189</u>		i Success Success Success			<del> </del>   <del> </del>	se on	6							
u by:		by:	$\mathcal{N}_{i}$	by l	tenni										Hg			S	Sampler Signature:		Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:	BELA
				┢	ial R		1.					1.0					D.		pler	•	ohor	Stat	pan	pan	ect N	B
					eso:	?				 					21		6		Bis	)	าย 7	e/Zi	y Ac	Y Z	/ana	
					urce												G-07005		natu	н. 1	<u>.</u>	Ö	dre	ame	agei	K
	1.							]			]:					FIELD CODE	3		e.							
					-			÷.,	1 .								in the second			ľ	(432	Ode	13000 W CR 100	E	Tim	
				ŀ						ĺ						Ŭ					(432)230-3763	Odessa, Texas 79765	N 00	Ц Ц	Tim McMinn	
										·											)-376	Tex	l CR	Viro	Alinn	
			1	Ţ							۰ (	· ·			- '						ដ	as 7	10	nme		С Р
Date	7	Date	4												· .		1				· · .	976	1	intal		IAIN
			r		•		· · .														-	Ĭ		and		Q
				T					1							Beginning Depth	] .		· [*			1.12		Safe		C
lime		Time	1.06	Time		$\vdash$	┢	-							0		4 .							Etech Environmental and Safety Solutions, Inc.		CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
															ì	Ending Depth			·					lutior		Ya
₩ Nee		Received by		Received hy:		1.					<sup>•</sup> •				6		·					н - с.		ıs, In		RE
		ived		NPC 1				·							6-30-21	Date Sampled								, ,		CON CON
WÊ		by:	Ş	ξ							ľ				2		1									ß
						-	-	-	+				_						1							No
IM	\						1	]			<b>)</b>	· .			2:00 pm						<b>TT</b>					AN
$\mathcal{N}^{+}$															8	Time Sampled			e-mail:		Fax No:					A
									<u> </u>						2			. •			0					SIS
L)							<u> </u>	-	<u> </u>		<u> </u>					Field Filtered			<u>Matt@ete</u> tim@etechenv.c						Midland, Texas 79706	REQUEST Permian Basin Environmental Lab, LP
						$\vdash$	+	+	-					-	$\square$	Total #. of Containers	-		@e [		•				and	a nian
		- 1				$\vdash$	-	┢								HNO <sub>3</sub>	Pre		Mat tec						Te e	EST Bas
	2) PL (5) (6) (7)								ŀ			ŀ				НСІ	reservation			5				 	(as	
																H <sub>2</sub> SO <sub>4</sub>	8								79706	D Viro
					- * 										· .	NaOH	# of Containers		<u>echenv.com</u> com	•					6	nme
		·													1. 1.	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Conta	· .	NV.		-				1	intal
																None	iners		con				1.			Lab
	-	Date			. <sup>1</sup> . •	-							-			Other ( Specify) DW=Drinking Water SL=Sludge	H		1-2	ļ		ł j	1		1	Ę
1		•												4	5	GW = Groundwater S=Soil/Solid	Matrix			۰. <u>ا</u>	Re					
V																NP=Non-Potable Specify Other	ΠX				Bort		σ		Pro	
lime V7i00	1	Time		ind .											X		15B				Report Format:		Project Loc:	Pro	Project Name:	
						-							·.		L	TPH: TX 1005 Ext TX 10	006				nati	PO #	t Lo	Project #:	Nam	
emp djus	g g	àmp	usto Usto		amp			- <u>`</u>			_					Cations (Ca, Mg, Na, K)	-					_∰ 	N	# 	ē.	. d. j. e
I emperatu Received: Adjusted:	/Cot	у Н П П	)dy s dy s		ie C	-	1		$\left  - \right $							Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC		TCLP			S N	1.2	ka		À	
Ne Ne	inipier?	and	eals eals	s∦ d ⊇	onta	) 						_				Metals: As Ag Ba Cd Cr Pb Hg					Standard		1.	361	St	Ph
70g	- Cie	Delh	on c	ned	Iners		1	-				<u> </u>			<u> </u>	Volatiles	-+-	Ħ	Analyze		ard .		6	17	istreum	one
Adjusted:	by Counter? UPS	Sample Hand Delivered	Custody seals on container(s)	VOCS FIER OF HEADSPACE :	Laboratory Comments: Sample Containers Intact?											Semivolatiles	1	† <b>1</b>	ze F			<b>j</b>	NW			Phone: 432-661-4184
ိုင်မှု	οų t	5 <b>-</b> 3	tineri r(s)		Stors:											BTEX 8021B/5030 or BTEX 82	60	$\Box$	For			1.0			501	2-66
-:C -:C -:C Factor	PHE		(s)													RCI					TRRP	<b>1</b> - 1			t	4
S.				開設に			<u> </u>									N.O.R.M.	· · ·				Ŭ				h	84
r	FedEx	ধস্থ	××	a									, 			Chlorides E 300									4	· · ·
EN.	1.5	4					╏		╢╌╢		·							_		] :	z	1.1	1.		en la	1 .
	N Lone Star	zz	z z	N Z	Z		+				· ·		-	н. 1	s. Sin s	RUSH TAT (Pre-Schedule) 24,	48, 72	hrs	-	: . l	NPDES					
				125 1 4	··· zmolitera	3	1	í .								,,			- 1	2	'n	1 .	.1	1 .	1	

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

)

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	1

# **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	228	34E	Lea

Surface Owner: State Federal Tribal Private (Name: San Simon Ranch\_\_\_\_\_

# Nature and Volume of Release

Mate	rial(s) Released (Select all that apply and attach calculations or speci	ific 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.

Form	C-141
SPage 2	

# State of New Mexico **Oil Conservation Division**

Incident ID	nAPP2035932766
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?	
🗌 Yes 🖾 No		
If YES, was immediate no	otice 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

 $\boxtimes$  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

Date: 2/11/21\_\_\_\_\_

Date: \_\_\_\_\_

Signature:

email: jamon.hohensee@cdevinc.com

Telephone: 432-241-4283

**OCD** Only

Received by: \_\_\_\_\_

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 <b>not</b> 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

Received

- 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 is a proposed remediation. 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 29.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141 Page 4	State of New Mexico Oil Conservation Division	Incident ID District RP Facility ID Application ID	nAPP2035932766
public health or the environ failed to adequately investig	prmation given above is true and complete to the be required to report and/or file certain release notific ment. The acceptance of a C-141 report by the OC gate and remediate contamination that pose a threat of a C-141 report does not relieve the operator of re	ations and perform corrective actions for re D does not relieve the operator of liability s to groundwater surface water human healt	eleases which may endanger should their operations have th or the environment In
Printed Name:	]	Citle:	
Signature:		Date:	
email:		Selephone:	
OCD Only			
Received by:		Date:	

•

161 Form C-141 681 98ge 5

State of New Mexico Oil Conservation Division

Incident ID	nAPP2035932766	
District RP		
Facility ID		
Application ID		

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must l	he included in the plan
<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation poir</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29</li> <li>Proposed schedule for remediation (note if remediation plan tir</li> </ul>	nts 12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be co	nfirmed as part of any request for deferral of remediation.
	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.
I hereby certify that the information given above is true and comple rules and regulations all operators are required to report and/or file which may endanger public health or the environment. The accepta liability should their operations have failed to adequately investigat surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name:	Title:
Signature:	
email:	Telephone:
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	
Signature:	Date:

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 descr	ibed in 19.15.29.11 NMAC
Photographs of the remediated site prior to must be notified 2 days prior to liner inspection)	backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note	appropriate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report may endanger public health or the environment. T should their operations have failed to adequately i human health or the environment. In addition, OC compliance with any other federal, state, or local I restore, reclaim, and re-vegetate the impacted surf	s true and complete to the best of my knowledge and understand that pursuant to OCD rules t and/or file certain release notifications and perform corrective actions for releases which The acceptance of a C-141 report by the OCD does not relieve the operator of liability nvestigate and remediate contamination that pose a threat to groundwater, surface water, CD acceptance of a C-141 report does not relieve the operator of responsibility for aws and/or regulations. The responsible party acknowledges they must substantially face area to the conditions that existed prior to the release or their final land use in tification to the OCD when reclamation and re-vegetation are complete.
Printed Name:	Title:
	Date:
email:	
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the remediate contamination that poses a threat to group arty of compliance with any other federal, state, of compliance by:	responsible party of liability should their operations have failed to adequately investigate and ndwater, surface water, human health, or the environment nor does not relieve the responsible or local laws and/or regulations.
Closure Approved by:	Date:
Coord para and the second seco	Title:
<u></u>	
<i>y</i> 00	
ed by	
ecen	
8	

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

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

#### CONDITIONS

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

Page 191 of 191 CONDITIONS

Action 44776