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

Responsible Party: Centennial Resource Production, Inc

and a formula using the dimensions of the spill area and soil porosity.

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	NRM2019529311
District RP	
Facility ID	
Application ID	

### **Release Notification**

### Responsible Party

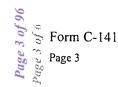
OGRID: 372165

Contact Name: Jamon Hohensee					Contact T	elephone: 432-24	43-4283
Contact email: jamon.hohensee@cdevinc.com					Incident #	(assigned by OCD)	
Contact mai Texas 79705		: 500 W. Illinois	Ave, Suite 500, N	Midland	L		
			Locatio	n of R	elease S	ource	
atitude 32.3	88346		(NAD 83 in 1	decimal deg	Longitude grees 10 5 decii	-103.44822 nal places)	
Site Name: T	our Bus 23	State 301H 501H	601H		Site Type:	Production Faci	lity
Date Release	Discovered	: 6/16/20	****		API# (if app	olicable)	
Unit Letter	Section	Township	Range		Cour	itv	
D	23	22S	34E	Lea		,	
M Crudo Oi	Materia	nl(s) Released (Select	all that apply and atta	ch calculati	ons or specific		volumes provided below)
Crude Oi	l	Volume Releas	ed (bbls)40bbls				vered (bbls)40bbls
Produced	Water	Volume Releas	ed (bbls) 400bbls	3		Volume Recov	vered (bbls) 395bbls
		f .	ation of dissolved >10,000 mg/l?	l chloride	in the	Yes No	)
Condensate Volume Released (bbls)					Volume Recov	vered (bbls)	
Natural Gas Volume Released (Mcf)					Volume Recov	vered (Mcf)	
Other (describe) Volume/Weight Released (provide units		de units)	***************************************	Volume/Weigh	nt Recovered (provide units)		
containment) remained on 1	nk overflower and 40bbls the facility l	of oil (40bbls rec location and will b	overed in contain be remediated to (	iment) we OCD stan	ere released dards. The	during the incide disposal line has	obls of pw (395bbls recovered in ent. The 5bbls of unrecovered fluid been repaired. A 3 <sup>rd</sup> party ed using the size of the containment



Incident ID	NRM2019529311
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Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release? >25bbls					
19.15.29.7(A) NMAC?						
☑ Yes ☐ No						
If YES, was immediate no Notification was given to	If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  Notification was given to Jim Griswold and OCD Dist1 by email on 6/17/20.					
	Initial Response					
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury					
The source of the rele	ease has been stopped.					
The impacted area ha	s been secured to protect human health and the environment.					
	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.					
	ecoverable materials have been removed and managed appropriately.					
If all the actions described	d above have <u>not</u> been undertaken, explain why:					
Per 19.15.29.8 B. (4) 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.						
regulations all operators are public health or the environm failed to adequately investigated to adequately investigated.	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have attended and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws					
Printed Name: Jamon Hol	nensee Title: Sr. Environmental Analyst					
Signature:	Date: 7/1/20					
email: jamon.hohensee@c	Edevinc.com         Telephone: 432-241-4283					
OCD Only						
Received by: Ramona	Marcus Date: 7/13/2020					



Incident ID	NRM2019529311
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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 Й 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 ঐ 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.				

120 (0:05:03 AM	MAN	Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps  Laboratory data including chain of custody
CD:	plan. and r	e site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 5.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.



Incident ID	NRM2019529311
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Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Printed Name: Samon Hohensec  Signature: So-11, b  email: jamon, hohensee & chevinc.com	Title: <u>Sr. Environmental Analyst</u> Date: <u>3-15-21</u> Telephone: <u>432-241-4283</u>				
OCD Only  Received by: Cristina Eads	Date: 03/15/2021				



Incident ID	
District RP	
Facility ID	
Application ID	

### **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.				
Detailed description of proposed remediation technique  Scaled sitemap with GPS coordinates showing delineation points  Estimated volume of material to be remediated  Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC				
Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)				
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.				
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.				
Extents of contamination must be fully delineated.				
Contamination does not cause an imminent risk to human health, the environment, or groundwater.				
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.  Printed Name:  Title:  Date: 3-15-21  Date: 3-15-21				
Printed Name: Samon Hohensec Title: So Invironmental Analyst				
Signature: 5 a - 1/2 Date: 3-15-21  email: 10mor Nohenseel edexinc. Com Telephone: 432-241-4283				
email: <u>Jamon. hohenseele edexinc. Com</u> Telephone: <u>432-241-4283</u>				
OCD Only				
Received by: Date:				
Approved Approved with Attached Conditions of Approval Denied Deferral Approved				
Signature: Date:				



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

Incident ID	NRM2019529311
District RP	
Facility ID	
Application ID	

### Closure

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

A scaled site and sampling diagram as described in 19.15.29.11 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 Hapersec Title: The Fourier May 1. Analys + Signature: Signature: Date: 3-15-21  Date: 3-15-21  Telephone: 432-241-4283
OCD Only
Received by: Cristina Eads Date: 03/15/2021
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: 06/30/2021
Printed Name: Cristina Eads Title: Environmental Specialist



# CLOSURE REQUEST AND REMEDIATION SUMMARY REPORT

Centennial Resource Development, Inc.
Tour Bus 23 State 301H 501H 601H
Lea County, New Mexico
Unit Letter "D", Section 23, Township 22 South, Range 34 East
Latitude 32.38346° North, Longitude 103.44822° West
NMOCD Incident ID#: NRM2019529311

Prepared For:

Centennial Resource Development, Inc.

500 W. Illinois Avenue Suite 500 Midland, Texas 79701

Prepared By:

Etech Environmental & Safety Solutions, Inc.

P.O. Box 62228 Midland, Texas 79711

February 2021

Shannon M. English, P.G.

Project Manager

Matthew K. Green, P.G. Senior Project Manager

### TABLE OF CONTENTS

INTRODUCTION	1
NMOCD SITE CLASSIFICATION	1
SUMMARY OF SOIL REMEDIATION ACTIVITIES	1
SOIL DISPOSAL AND CLOSURE REQUEST	2
LIMITATIONS	
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### **FIGURES**

Figure 1 – Site Location Map

Figure 2 – Site Details and Confirmation Sample Map

### **TABLES**

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

### **APPENDICES**

Appendix A – Photographic Documentation

Appendix B – Laboratory Analytical Reports

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

#### **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 Tour Bus 23 State 301H 501H 601H. The legal description of the Release Site is Unit Letter "D", Section 23, Township 22 South, Range 34 East, in Lea County, New Mexico. The Release Site GPS coordinates are 32.38346° North and 103.44822° West. Please reference Figure 1 for the Site Location Map and Figure 2 for the Site Details and Confirmation Soil Sample Map.

On June 16, 2020, a release was discovered by Centennial at the Tour Bus 23 State 301H 501H 601H Site. The release was the result of a mechanical failure on the check valve on the disposal line which caused the tanks to overflow. Approximately forty (40) barrels of crude oil were released with forty (40) barrels recovered, resulting in a net loss of approximately zero (0) barrels of crude oil. Approximately 400 barrels of produced water were released with 395 barrels recovered, resulting in a net loss of five (5) barrels of produced water. On July 1, 2020, Centennial filed a *Release Notification and Corrective Action Form* (Form C-141) with the New Mexico Oil Conservation Division (NMOCD). The Form C-141 is provided as Appendix C. Photographic documentation for the 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 Tour Bus 502 601 301 Check Valve Site. A further search of the USGS database identified the closest registered water well is USGS Well #: 322231103262601 located approximately a half (0.5) mile southeast 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). Based on the NMOCD site classification system, twenty (20) points will be assigned to the subject area ranking as a result of this criterion. No water wells were observed within one thousand (1,000) feet of the Release Site. Based on the NMOCD site classification system, zero (0) points will be assigned to the subject area ranking as a result of this criterion. No surface water was observed within one thousand (1,000) feet of the release. Based on the NMOCD site classification system, twenty (20) points will be assigned to the Tour Bus 23 State 301H 501H 601H Release Site as a result of this criterion. Based on insufficient groundwater data, the soil remediation levels for this site are as follows:

- 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

On June 29, 2020, Etech was assigned management responsibilities for soil sampling, site restoration, and reporting activities by Centennial.

On July 7<sup>th</sup>-10<sup>th</sup>, and 20<sup>th</sup> 2020, Etech conducted excavation activities. Following excavation activities, four (4) composite bottom hole soil samples (BH-1 @ 1' through BH-4 @ 1') and one (1) composite stockpile sample (Stockpile) was collected from the stockpiled material. Soil samples were submitted to Permian Basin Environmental Lab, L.P. (PBELAB) in Midland, Texas to be and analyzed 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 all collected soil samples were below applicable NMOCD limits and/or laboratory method detection limits with the exception of composite soil sample Stockpile, which exhibited TPH concentrations above NMOCD limits. Please reference Figure 2 for site details and soil sampling locations.

On July 29, 2020, following further remediation activities, one (1) composite soil sample (Stockpile) was collected from the stockpiled material and submitted to PBELAB for TPH analysis. Laboratory analytical results indicated TPH concentrations were above NMOCD limits. Please reference Figure 2 for site details and soil sampling locations.

On August 21, 2020, ten (10) composite sidewall soil samples (NSW @ 6", SSW @ 6", ESW-1 @ 6" through ESW-4 @ 6", and WSW-1 @ 6" through WSW-4 @ 6") were collected from the sidewalls of the excavated area. Samples were submitted to PBELAB for TPH, BTEX, and chloride analysis. Composite sidewall soil samples NSW @ 6", ESW-1 @ 6", and WSW-1 @ 6" were above NMOCD limits for TPH. Composite sidewall soil samples ESW-3 @ 6" and WSW-3 @ 6" exhibited chloride concentrations above NMOCD limits. Please reference Figure 2 for site details and soil sampling locations.

On September 22, 2020, following the additional excavation activities, five (5) additional composite sidewall soil samples (NSW @ 6", ESW-1 @ 6", ESW-3 @ 6", WSW-1 @ 6", and WSW-3 @ 6") were collected from the excavated area. Additionally, one (1) composite stockpile sample (Stockpile 2) was collected from the stockpiled material. Soil samples were submitted to PBELAB and analyzed for BTEX, and/or TPH, and/or chloride concentrations. A review of laboratory analytical results indicated all collected soil samples were below applicable NMOCD limits and/or laboratory method detection limits with the exception of composite stockpile sample Stockpile 2 which exhibited TPH concentrations above NMOCD limits. Please reference Figure 2 for site details and soil sampling locations. Based on laboratory analytical data, the stockpiled excavated material required disposal at a NMOCD permitted facility.

Based on laboratory analytical results, all impacted soil has been removed from the release area. Table 1 summarizes the Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil. Analytical reports are provided as Appendix B.

### SOIL DISPOSAL AND CLOSURE REQUEST

On August 11-12, and November 12, 2020, Etech, on behalf of Centennial, transported approximately 234 cubic yards of material to Sundance Services, Inc. Parabo Facility (NMOCD Permit #: NM-01-0003) located on Highway 18 near Eunice, New Mexico for disposal. On November 12, 2020, backfill activities were completed at the Release Site utilizing non-impacted, soil purchased from a local source and the impacted area was re-contoured to fit the surrounding topography.

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 Tour Bus 23 State 301H 501H 601H Release Site (NMOCD Incident ID#: NRM2019529311).

#### 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

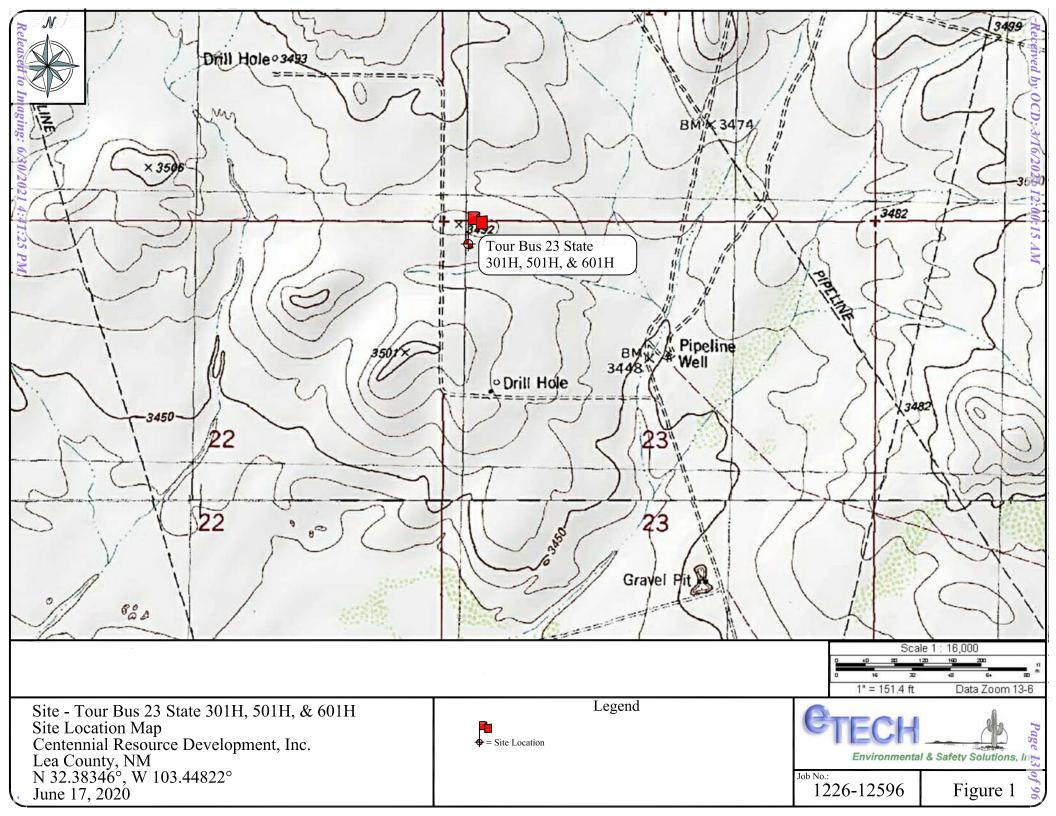
Centennial Resource Development, Inc.

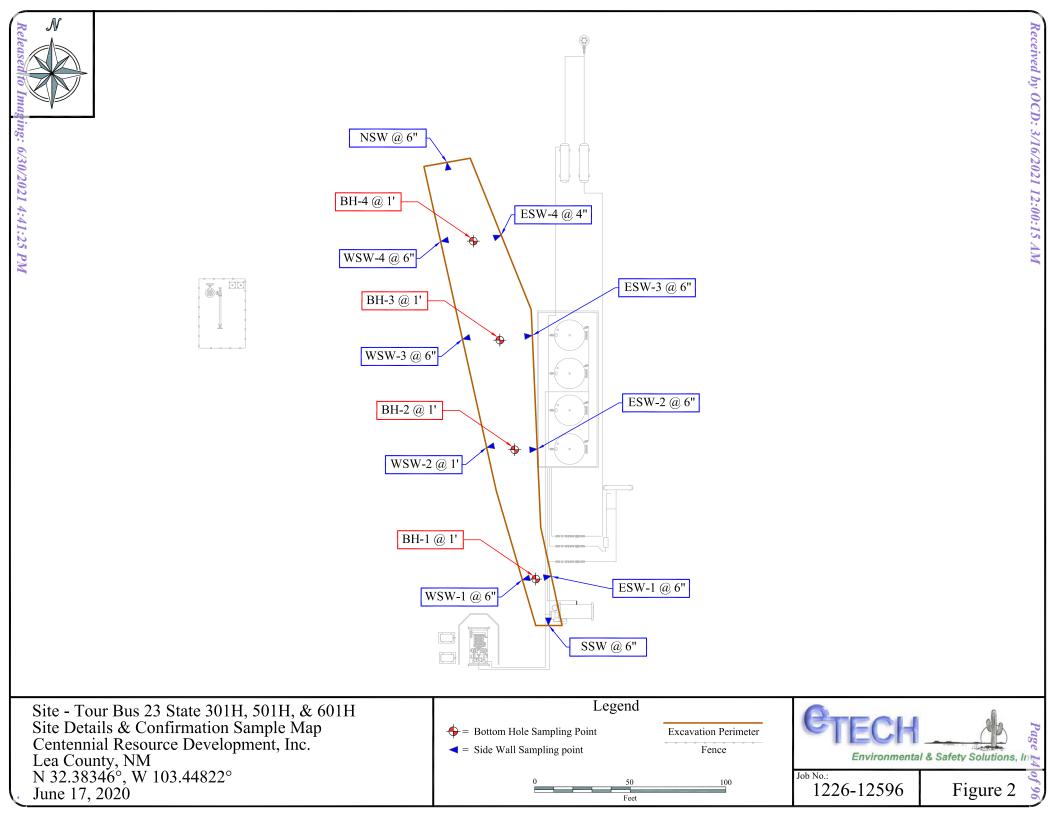
500 W. Illinois, Suite 500 Midland, Texas 79701

Copy 3: Etech Environmental & Safety Solutions, Inc.

P.O. Box 62228

Midland, Texas 79711





Received by OCD: 3/16/2021 12:00:15 AM

#### TABLE 1

#### CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

#### CENTENNIAL RESOURCE DEVELOPMENT, INC.

### TOUR BUS 23 STATE 502, 601, 302 CHECK VALVE RELEASE SITE LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg METHODS: SW 846-8021B METHOD: SW 8015M E 300.1 SAMPLE TOTAL TPH CHLORIDE SAMPLE LOCATION TPH GRO TPH DRO TPH ORO ETHYLm, p -TOTAL TOTAL DATE BENZENE TOLUENE BENZENE XYLENES XYLENE **XYLENES** BTEX  $C_{6}-C_{12}$  $C_{12}$ - $C_{28}$  $C_{28}$ - $C_{35}$  $C_6-C_{35}$ Limits 10 mg/Kg 50 mg/Kg 100 mg/Kg 600 mg/Kg **Bottom Hole Sample Results** 7/14/2020 < 0.00100 < 0.00200 < 0.00100 < 0.00200 < 0.00100 < 0.00200 < 0.00200 <27.5 <27.5 <27.5 <27.5 25.9 BH-1 @ 1' 7/14/2020 < 0.00100 < 0.00200 < 0.00100 < 0.00200 < 0.00100 < 0.00200 < 0.00200 <25.8 <25.8 <25.8 <25.8 144 BH-2 @ 1' 7/14/2020 < 0.00100 < 0.00200 < 0.00100 0.00202 0.00137 0.00339 0.00339 <28.1 <28.1 <28.1 <28.1 11.4 BH-3 @ 1' <25.8 7/14/2020 < 0.00100 < 0.00200 < 0.00100 < 0.00200 < 0.00100 < 0.00200 < 0.00200 <25.8 <25.8 <25.8 80.4 BH-4 @ 1' Sidewall Sample Results 8/21/2020 < 0.00102 < 0.00102 < 0.00102 < 0.00204 < 0.00102 < 0.00204 < 0.00204 <25.5 166 50.1 216.1 259 NSW @ 6" 9/22/2020 <26.0 <26.0 <26.0 < 26.0 --\_ \_ \_ NSW @ 6" 27.6 8/21/2020 < 0.00101 < 0.00101 < 0.00101 < 0.00202 < 0.00101 < 0.00202 < 0.00202 <25.3 <25.3 27.6 151 SSW @ 6" 8/21/2020 < 0.00103 < 0.00103 < 0.00103 < 0.00206 < 0.00103 < 0.00206 < 0.00206 <25.8 142 29.3 171.3 189 ESW-1 @ 6" 9/22/2020 <26.6 <26.6 <26.6 <26.6 ESW-1 @ 6" 32.5 <25.5 32.5 8/21/2020 < 0.00102 < 0.00102 < 0.00102 < 0.00204 < 0.00102 < 0.00204 < 0.00204 <25.5 89.7 ESW-2 @ 6" 8/21/2020 < 0.00105 < 0.00105 < 0.00105 < 0.00211 < 0.00105 < 0.00211 < 0.00211 <26.3 <26.3 <26.3 <26.3 1,030 ESW-3 @ 6" 271 9/22/2020 ESW-3 @ 6" 8/21/2020 < 0.00103 < 0.00103 < 0.00103 < 0.00206 < 0.00103 < 0.00206 < 0.00206 <25.8 74.8 <25.8 74.8 216 ESW-4 @ 6" 8/21/2020 < 0.00103 < 0.00103 < 0.00103 < 0.00206 < 0.00103 < 0.00206 < 0.00206 <25.8 268 42.9 310.9 172 WSW-1 @ 6" 9/22/2020 <26.9 <26.9 <26.9 <26.9 WSW-1 @ 6" 8/21/2020 < 0.00102 < 0.00102 < 0.00102 < 0.00204 < 0.00102 < 0.00204 < 0.00204 <25.5 <25.5 <25.5 <25.5 279 WSW-2 @ 6" 8/21/2020 < 0.00103 < 0.00103 < 0.00206 < 0.00103 <25.8 <25.8 30.4 930 WSW-3 @ 6" < 0.00103 < 0.00206 < 0.00206 30.4 9/22/2020 173 WSW-3 @ 6" 8/21/2020 < 0.00101 < 0.00101 < 0.00101 < 0.00202 < 0.00101 < 0.00202 < 0.00202 <25.3 <25.3 <25.3 <25.3 237 WSW-4 @ 6" Stockpile Sample Results 7/14/2020 < 0.0200 < 0.400 0.0847 0.363 0.150 0.513 0.5977 34.7 338 50.6 423.3 319 Stockpile 7/29/2020 209 3,200 561 3,970 Stockpile 9/22/2020 < 0.00105 < 0.00105 < 0.00105 < 0.00211 < 0.00105 < 0.00211 < 0.00211 <26.3 162 42.0 204.0 301 Stockpile 2

Bold ande Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

Project Name: Tour Bus 23 State 301H 501H 601H Release Site

Project No: 12596

### Photographic Documentation

### Photo No:

### **Direction Taken:**

South

### Description:

View of the release area.



### Photo No: 2.

### **Direction Taken:**

North

### Description:

View of the release area.



Project Name: Tour Bus 23 State 301H 501H 601H Release Site

Project No: 12596

### Photographic Documentation

Photo No:

**Direction Taken:** 

Northeast

Description:

View of the release area.



Photo No: 4.

**Direction Taken**: North

Description:

View of the excavated area.



Photographic Documentation

Project Name: Tour Bus 23 State 301H 501H 601H Release Site

Project No: 12596

Photo No: 5.

**Direction Taken:** 

East

Description:

View of the excavated area.



Photo No: **6.** 

Direction Taken:

Northeast

Description:

View of the excavated area.



Project Name: Tour Bus 23 State 301H 501H 601H Release Site

Project No: 12596

### Photographic Documentation

### Photo No: 7.

### **Direction Taken:**

Southeast

### Description:

View of the remediated area.



### Photo No:

### **Direction Taken**

Northeast

### Description:

View of the remediated area.



Project Name: Tour Bus 23 State 301H 501H 601H Release Site

Project No: 12596

### Photographic Documentation

Photo No: 9.

**Direction Taken:** 

Southwest

Description:

View of the remediated area.



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



## Analytical Report

### **Prepared for:**

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

Project: Centennial Tour Bus 23 State 502,601,302 Check Val

Project Number: 12596 Location: Lea County, NM

Lab Order Number: 0G16004



NELAP/TCEQ # T104704516-17-8

Report Date: 07/24/20

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 @ 1'	0G16004-01	Soil	07/14/20 10:00	07-16-2020 07:45
BH-2 @ 1'	0G16004-02	Soil	07/14/20 10:05	07-16-2020 07:45
ВН-3 @ 1'	0G16004-03	Soil	07/14/20 10:15	07-16-2020 07:45
BH-4 @ 1'	0G16004-04	Soil	07/14/20 10:20	07-16-2020 07:45
Stockpile	0G16004-05	Soil	07/14/20 14:00	07-16-2020 07:45

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

BH-1 @ 1' 0G16004-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin E	Environmen	tal Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		88.0 %	75-12	5	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.7 %	75-12	5	P0G1603	07/16/20	07/16/20	EPA 8021B	
<b>General Chemistry Parameters by EPA / St</b>	andard Method	ls							
Chloride	25.9	1.10	mg/kg dry	1	P0G2013	07/20/20	07/20/20	EPA 300.0	
% Moisture	9.0	0.1	%	1	P0G1703	07/17/20	07/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by 1	EPA Method 80	)15M							
C6-C12	ND	27.5	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-13	0	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-13	0	P0G1608	07/16/20	07/17/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	07/16/20	07/17/20	calc	

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

BH-2 @ 1' 0G16004-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	nvironmen	ıtal Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.4 %	75-1.	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.2 %	75-1.	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
General Chemistry Parameters by EPA	/ Standard Method	ls						-	
Chloride	144	1.03	mg/kg dry	1	P0G2013	07/20/20	07/20/20	EPA 300.0	
% Moisture	3.0	0.1	%	1	P0G1703	07/17/20	07/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	15M							
C6-C12	ND	25.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		98.9 %	70-1.	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-1.	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/16/20	07/17/20	calc	

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

BH-3 @ 1' 0G16004-03 (Soil)

									l
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin I	Environmen	ıtal Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (p/m)	0.00202	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (o)	0.00137	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		86.0 %	75-125		P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.8 %	75-125		P0G1603	07/16/20	07/16/20	EPA 8021B	
General Chemistry Parameters by EPA	A / Standard Methods	s							
Chloride	11.4	1.12	mg/kg dry	1	P0G2013	07/20/20	07/20/20	EPA 300.0	
% Moisture	11.0	0.1	%	1	P0G1703	07/17/20	07/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 801	15M							
C6-C12	ND	28.1	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		94.3 %	70-1	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-1	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	07/16/20	07/17/20	calc	

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

BH-4 @ 1' 0G16004-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	nvironmen	ıtal Lab, l	<b>□.P.</b>				
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.6 %	75-1.	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.3 %	75-1.	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
General Chemistry Parameters by EPA	Standard Method	ls						-	
Chloride	80.4	1.03	mg/kg dry	1	P0G2109	07/21/20	07/21/20	EPA 300.0	
% Moisture	3.0	0.1	%	1	P0G1703	07/17/20	07/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 l	by EPA Method 80	15M							
C6-C12	ND	25.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		93.5 %	70-1.	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-1.	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/16/20	07/17/20	calc	

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Stockpile 0G16004-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Zinaryte						Trepared	Allaryzeu	Wictiod	140168
	Pern	nian Basin E	Invironmen	ital Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0200	mg/kg dry	20	P0G1603	07/16/20	07/16/20	EPA 8021B	
Toluene	ND	0.0400	mg/kg dry	20	P0G1603	07/16/20	07/16/20	EPA 8021B	
Ethylbenzene	0.0847	0.0200	mg/kg dry	20	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (p/m)	0.363	0.0400	mg/kg dry	20	P0G1603	07/16/20	07/16/20	EPA 8021B	
Xylene (o)	0.150	0.0200	mg/kg dry	20	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.4 %	75-125		P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.5 %	75-125		P0G1603	07/16/20	07/16/20	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	ls							
Chloride	319	1.11	mg/kg dry	1	P0G2109	07/21/20	07/21/20	EPA 300.0	
% Moisture	10.0	0.1	%	1	P0G1703	07/17/20	07/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	235 by EPA Method 80	15M							
C6-C12	34.7	27.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C12-C28	338	27.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
>C28-C35	50.6	27.8	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		92.0 %	70-1.	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-1.	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	423	27.8	mg/kg dry	1	[CALC]	07/16/20	07/17/20	calc	

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 Project Manager: Matt Green

### Organics by GC - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
,		Limit	Omts	Ecver	resurt	, with the	Ziiiits	IG D	Limit	110103
Batch P0G1603 - General Preparation (	GC)									
Blank (P0G1603-BLK1)				Prepared &	Analyzed:	07/16/20				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.9	75-125			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.4	75-125			
LCS (P0G1603-BS1)				Prepared &	: Analyzed:	07/16/20				
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.0956	0.00200	"	0.100		95.6	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0984	0.00100	"	0.100		98.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.4	75-125			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	75-125			
LCS Dup (P0G1603-BSD1)				Prepared &	: Analyzed:	07/16/20				
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120	2.88	20	
Toluene	0.104	0.00200	"	0.100		104	80-120	8.74	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120	0.0861	20	
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120	8.80	20	
Xylene (o)	0.108	0.00100	"	0.100		108	80-120	8.94	20	
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.0	75-125			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	75-125			
Calibration Blank (P0G1603-CCB1)				Prepared &	: Analyzed:	07/16/20				
Benzene	0.00		mg/kg wet							
Toluene	1.39		"							
Ethylbenzene	0.460		"							
Xylene (p/m)	0.780		"							
Xylene (o)	0.500		"							

Permian Basin Environmental Lab, L.P.

Surrogate: 4-Bromofluorobenzene

Surrogate: 1,4-Difluorobenzene

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.

93.5

90.7

75-125

75-125

0.120

0.120

0.112

0.109

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Source

Spike

%REC

Fax: (432) 563-2213

RPD

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 Project Manager: Matt Green

Reporting

### Organics by GC - Quality Control Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		/0KEC		KrD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0G1603 - General Preparation (C	GC)									
Calibration Blank (P0G1603-CCB2)				Prepared &	Analyzed:	07/16/20				
Benzene	0.310		mg/kg wet							
Toluene	0.920		"							
Ethylbenzene	0.590		"							
Xylene (p/m)	1.19		"							
Xylene (o)	0.510		"							
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.0	75-125			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.3	75-125			
Calibration Check (P0G1603-CCV1)				Prepared &	z Analyzed:	07/16/20				
Benzene	0.0983	0.00100	mg/kg wet	0.100		98.3	80-120			
Toluene	0.0951	0.00200	"	0.100		95.1	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	75-125			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	75-125			
Calibration Check (P0G1603-CCV2)				Prepared &	Analyzed:	07/16/20				
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.105	0.00200	"	0.100		105	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200		114	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	75-125			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.9	75-125			
Calibration Check (P0G1603-CCV3)				Prepared &	z Analyzed:	07/16/20				
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.103	0.00200	"	0.100		103	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			

0.110

0.111

0.115

0.00100

Permian Basin Environmental Lab, L.P.

Xylene (o)

Surrogate: 4-Bromofluorobenzene

Surrogate: 1,4-Difluorobenzene

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.

110

92.4

95.9

80-120

75-125

75-125

0.100

0.120

0.120

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765

Surrogate: 1,4-Difluorobenzene

Project Number: 12596 Project Manager: Matt Green

### Organics by GC - 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 P0G1603 - General Preparation (GC	"
---	---

Matrix Spike (P0G1603-MS1)	Sour	ce: 0G16001	-01	Prepared &	& Analyzed: (	07/16/20				
Benzene	0.0838	0.00100	mg/kg dry	0.102	ND	82.2	80-120			
Toluene	0.0828	0.00200	"	0.102	0.000551	80.6	80-120			
Ethylbenzene	0.103	0.00100	"	0.102	ND	101	80-120			
Xylene (p/m)	0.176	0.00200	"	0.204	ND	86.3	80-120			
Xylene (o)	0.0840	0.00100	"	0.102	ND	82.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.122		109	75-125			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.122		98.1	75-125			
Matrix Spike Dup (P0G1603-MSD1)	Sour	ce: 0G16001	-01	Prepared &	& Analyzed: (	07/16/20				
Benzene	0.0869	0.00100	mg/kg dry	0.102	ND	85.2	80-120	3.60	20	
Toluene	0.0850	0.00200	"	0.102	0.000551	82.7	80-120	2.57	20	
Ethylbenzene	0.104	0.00100	"	0.102	ND	102	80-120	0.711	20	
Xylene (p/m)	0.175	0.00200	"	0.204	ND	85.7	80-120	0.680	20	
Xylene (o)	0.0835	0.00100	"	0.102	ND	81.8	80-120	0.585	20	
Surrogate: 4-Bromofluorobenzene	0.126		"	0.122		103	75-125			

0.122

98.8

75-125

0.121

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# General Chemistry Parameters by EPA / Standard Methods - Quality Control Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source	0/PEG	%REC	DDD	RPD	27.
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0G1703 - *** DEFAULT PREP ***										
Blank (P0G1703-BLK1)				Prepared &	Analyzed:	07/17/20				
% Moisture	ND	0.1	%							
Blank (P0G1703-BLK2)				Prepared &	Analyzed:	07/17/20				
% Moisture	ND	0.1	%							
Blank (P0G1703-BLK3)		Prepared & Analyzed: 07/17/				07/17/20				
% Moisture	ND	0.1	%							
Duplicate (P0G1703-DUP1)	Sou	Source: 0G16002-09 Pr			: Analyzed:	07/17/20				
% Moisture	4.0	0.1	%	4.0			0.00	20		
Duplicate (P0G1703-DUP2)	Sou				: Analyzed:	07/17/20				
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P0G1703-DUP3)	Sou	rce: 0G16005-	03	Prepared &	: Analyzed:	07/17/20				
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0G1703-DUP4)	Sou	rce: 0G16006-	-08	Prepared &	: Analyzed:	07/17/20				
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P0G1703-DUP5)	Sou	rce: 0G16012-	-10	Prepared &	: Analyzed:	07/17/20				
% Moisture	8.0	0.1	%		9.0			11.8	20	
Batch P0G2013 - *** DEFAULT PREP ***										
Blank (P0G2013-BLK1)				Prepared &	: Analyzed:	07/20/20				
Chloride	ND	1.00	mg/kg we	t						

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# 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 P0G2013 - *** DEFAULT PREP ***										
LCS (P0G2013-BS1)				Prepared &	Analyzed:	07/20/20				
Chloride	399	1.00	mg/kg wet	400		99.7	80-120			
LCS Dup (P0G2013-BSD1)				Prepared &	k Analyzed:	07/20/20				
Chloride	395	1.00	mg/kg wet	400		98.8	80-120	0.866	20	
Calibration Blank (P0G2013-CCB1)				Prepared &	Analyzed:	07/20/20				
Chloride	0.00		mg/kg wet							
Calibration Blank (P0G2013-CCB2)				Prepared &	k Analyzed:	07/20/20				
Chloride	0.00		mg/kg wet							
Calibration Check (P0G2013-CCV1)				Prepared &	Analyzed:	07/20/20				
Chloride	19.0		mg/kg	20.0		94.9	0-200			
Calibration Check (P0G2013-CCV2)				Prepared &	Analyzed:	07/20/20				
Chloride	18.8		mg/kg	20.0		93.8	0-200			
Calibration Check (P0G2013-CCV3)				Prepared &	Analyzed:	07/20/20				
Chloride	18.5		mg/kg	20.0		92.7	0-200			
Matrix Spike (P0G2013-MS1)	Sou	rce: 0G16002	2-09	Prepared &	Analyzed:	07/20/20				
Chloride	1080	5.21	mg/kg dry	521	600	91.6	80-120			
Matrix Spike (P0G2013-MS2)	Source: 0G16003-10			Prepared &	Analyzed:	07/20/20				
Chloride	22900	53.8	mg/kg dry	5380	15600	136	80-120			QM-0
Matrix Spike Dup (P0G2013-MSD1)	Sou	rce: 0G16002	2-09	Prepared & Analyzed: 07/20/20						
Chloride	1060	5.21	mg/kg dry	521	600	87.9	80-120	1.82	20	

13000 West County Road 100 Project Number: 12596
Odessa TX, 79765 Project Manager: Matt Green

Fax: (432) 563-2213

# 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 P0G2013 - *** DEFAULT PREP ***										
Matrix Spike Dup (P0G2013-MSD2)	Sou	rce: 0G16003	3-10	Prepared &	Prepared & Analyzed: 07/20/20					
Chloride	21100	53.8	mg/kg dry	5380	15600	103	80-120	8.16	20	
Batch P0G2109 - *** DEFAULT PREP ***										
LCS (P0G2109-BS1)				Prepared &	k Analyzed:	07/21/20				
Chloride	425	1.00	mg/kg wet	400		106	80-120			
LCS Dup (P0G2109-BSD1)				Prepared &	k Analyzed:	07/21/20				
Chloride	385	1.00	mg/kg wet	400		96.2	80-120	9.92	20	
Calibration Check (P0G2109-CCV1)				Prepared &	k Analyzed:	07/21/20				
Chloride	18.9		mg/kg	20.0		94.5	0-200			
Calibration Check (P0G2109-CCV2)				Prepared &	k Analyzed:	07/21/20				
Chloride	19.6		mg/kg	20.0		98.2	0-200			
Calibration Check (P0G2109-CCV3)				Prepared &	k Analyzed:	07/21/20				
Chloride	18.6		mg/kg	20.0		93.1	0-200			
Matrix Spike (P0G2109-MS1)	Sou	rce: 0G16004	1-04	Prepared &	k Analyzed:	07/21/20				
Chloride	594	1.03	mg/kg dry	515	80.4	99.7	80-120			
Matrix Spike (P0G2109-MS2)	Sou	rce: 0G16012	2-01	Prepared &	k Analyzed:	07/21/20				
Chloride	2400	6.49	mg/kg dry	649	1560	129	80-120			QM-05
Matrix Spike Dup (P0G2109-MSD1)	Sou	rce: 0G16004	1-04	Prepared &	k Analyzed:	07/21/20				
Chloride	552	1.03	mg/kg dry	515	80.4	91.5	80-120	7.32	20	

Permian Basin Environmental Lab, L.P.

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# General Chemistry Parameters by EPA / Standard Methods - Quality Control Permian Basin Environmental Lab, L.P.

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

Batch P0G2109 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike Dup (P0G2109-MSD2)	Source	e: 0G16012-01	Prepared &	Analyzed:	07/21/20				
Chloride	2410	6.49 mg/kg dry	649	1560	130	80-120	0.495	20	QM-05

Permian Basin Environmental Lab, L.P.

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0G1608 - TX 1005	<del></del>						· ·			
Blank (P0G1608-BLK1)				Proporad: (	07/16/20 Aı	nolyzadi 07	//17/20			
C6-C12	ND	25.0	mg/kg wet	riepaieu.	7//10/20 AI	naryzeu. 07	/1//20			
>C12-C28	ND	25.0	mg/kg wet							
>C12-C26 >C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	98.4		"	100		98.4	70-130			
Surrogate: o-Terphenyl	51.9		"	50.0		104	70-130			
LCS (P0G1608-BS1)				Prepared: (	07/16/20 Aı	nalyzed: 07	//17/20			
C6-C12	987	25.0	mg/kg wet	1000		98.7	75-125			
>C12-C28	1180	25.0	"	1000		118	75-125			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	49.3		"	50.0		98.5	70-130			
LCS Dup (P0G1608-BSD1)				Prepared: (	07/16/20 Aı	nalyzed: 07	//17/20			
C6-C12	1150	25.0	mg/kg wet	1000		115	75-125	15.6	20	
>C12-C28	1240	25.0	"	1000		124	75-125	4.73	20	
Surrogate: 1-Chlorooctane	113		"	100		113	70-130			
Surrogate: o-Terphenyl	58.1		"	50.0		116	70-130			
Calibration Blank (P0G1608-CCB1)				Prepared &	Analyzed:	07/16/20				
C6-C12	10.1		mg/kg wet							
>C12-C28	17.5		"							
Surrogate: 1-Chlorooctane	91.1		"	100		91.1	70-130			
Surrogate: o-Terphenyl	48.2		"	50.0		96.4	70-130			
Calibration Blank (P0G1608-CCB2)				Prepared: (	07/16/20 Aı	nalyzed: 07	//17/20			
C6-C12	8.87		mg/kg wet							
>C12-C28	6.67		"							
Surrogate: 1-Chlorooctane	87.6		"	100		87.6	70-130			
Surrogate: o-Terphenyl	46.8		"	50.0		93.6	70-130			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# 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 P0G1608 - TX 1005											
Calibration Check (P0G1608-CCV1)				Prepared &	& Analyzed:	07/16/20					
C6-C12	459	25.0	mg/kg wet	500		91.8	85-115				
>C12-C28	500	25.0	"	500		100	85-115				
Surrogate: 1-Chlorooctane	96.5		"	100		96.5	70-130				
Surrogate: o-Terphenyl	44.9		"	50.0		89.8	70-130				
Calibration Check (P0G1608-CCV2)		Prepared: 07/16/20 Analyzed: 07/17/20									
C6-C12	440	25.0	mg/kg wet	500		88.0	85-115				
>C12-C28	507	25.0	"	500		101	85-115				
Surrogate: 1-Chlorooctane	93.3		"	100		93.3	70-130				
Surrogate: o-Terphenyl	43.5		"	50.0		87.1	70-130				
Calibration Check (P0G1608-CCV3)				Prepared: (	07/16/20 Aı	nalyzed: 07	//17/20				
C6-C12	461	25.0	mg/kg wet	500		92.2	85-115				
>C12-C28	537	25.0	"	500		107	85-115				
Surrogate: 1-Chlorooctane	98.6		"	100		98.6	70-130				
Surrogate: o-Terphenyl	46.1		"	50.0		92.3	70-130				
Matrix Spike (P0G1608-MS1)	Sour	ce: 0G16002	2-01	Prepared: (	07/16/20 Aı	nalyzed: 07	//17/20				
C6-C12	981	27.5	mg/kg dry	1100	11.6	88.2	75-125				
>C12-C28	1150	27.5	"	1100	ND	104	75-125				
Surrogate: 1-Chlorooctane	121		"	110		110	70-130				
Surrogate: o-Terphenyl	56.8		"	54.9		103	70-130				
Matrix Spike Dup (P0G1608-MSD1)	Source: 0G16002-01				07/16/20 Aı	nalyzed: 07	//17/20				
C6-C12	956	27.5	mg/kg dry	1100	11.6	86.0	75-125	2.56	20		
>C12-C28	1160	27.5	"	1100	ND	105	75-125	0.922	20		
Surrogate: 1-Chlorooctane	119		"	110		108	70-130				
Surrogate: o-Terphenyl	56.1		"	54.9		102	70-130				

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Project Number: 12596
Odessa TX, 79765 Project Manager: Matt Green

Fax: (432) 563-2213

#### **Notes and Definitions**

ROI Received on Ice

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

	Drew	Devou C			
Report Approved By:			Date:	7/24/2020	

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.

Permian Basin Environmental Lab, L.P.

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



### Analytical Report

#### **Prepared for:**

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

Project: Centennial Tour Bus 23 State 502,601,302 Check Val

Project Number: 12596 Location: Lea County, NM

Lab Order Number: 0G31003



NELAP/TCEQ # T104704516-17-8

Report Date: 08/04/20

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Stockpile	0G31003-01	Soil	07/29/20 16:30	07-30-2020 15:34

Surrogate: o-Terphenyl

C6-C35

**Total Petroleum Hydrocarbon** 

Fax: (432) 563-2213

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Stockpile 0G31003-01 (Soil)

Analysta	Donult	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Analyte	Result	Limit	Units	Dilution	Daten	Frepared	Anaryzeu	Method	Notes
	Permia	ın Basin H	Environme	ntal Lab, l	L.P.				
General Chemistry Parameters by 1	EPA / Standard Methods								
% Moisture	2.0	0.1	%	1	P0H0402	08/04/20	08/04/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA Method 8015	M							
C6-C12	209	25.5	mg/kg dry	1	P0G3110	07/31/20	08/01/20	TPH 8015M	
>C12-C28	3200	25.5	mg/kg dry	1	P0G3110	07/31/20	08/01/20	TPH 8015M	
>C28-C35	561	25.5	mg/kg dry	1	P0G3110	07/31/20	08/01/20	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-1	30	P0G3110	07/31/20	08/01/20	TPH 8015M	

70-130

P0G3110

[CALC]

07/31/20

07/31/20

08/01/20

08/01/20

TPH 8015M

calc

114 %

25.5 mg/kg dry

3970

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0H0402 - *** DEFAULT PREP ***										
Blank (P0H0402-BLK1)				Prepared &	Analyzed:	08/04/20				
% Moisture	ND	0.1	%							
Blank (P0H0402-BLK2)				Prepared &	Analyzed:	08/04/20				
% Moisture	ND	0.1	%							
Blank (P0H0402-BLK3)				Prepared &	Analyzed:	08/04/20				
% Moisture	ND	0.1	%							
Duplicate (P0H0402-DUP1)	Sou	rce: 0G30014-	01	Prepared &	Analyzed:	08/04/20				
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P0H0402-DUP2)	Sou	rce: 0G31001-	06	Prepared &	Analyzed:	08/04/20				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P0H0402-DUP3)	Sou	rce: 0G31007-	02	Prepared &	Analyzed:	08/04/20				
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P0H0402-DUP4)	Sou	rce: 0G31008-	05	Prepared &	: Analyzed:	08/04/20				
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0H0402-DUP5)	Sou	се: 0Н03007-	03	Prepared &	Analyzed:	08/04/20				
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P0H0402-DUP6)	Sou	се: 0Н03007-	13	Prepared &	: Analyzed:	08/04/20				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P0H0402-DUP7)	Som	се: 0Н03011-	03	Prepared &	Analyzed:	08/04/20				
% Moisture	6.0	0.1	%	1	6.0			0.00	20	

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source	0.48	%REC	p.r	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0G3110 - TX 1005										
Blank (P0G3110-BLK1)				Prepared: (	07/31/20 Ar	nalyzed: 08	/01/20			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	94.9		"	100		94.9	70-130			
Surrogate: o-Terphenyl	52.3		"	50.0		105	70-130			
LCS (P0G3110-BS1)				Prepared: (	07/31/20 Ar	nalyzed: 08	/01/20			
C6-C12	885	25.0	mg/kg wet	1000		88.5	75-125			
>C12-C28	1080	25.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	48.4		"	50.0		96.7	70-130			
LCS Dup (P0G3110-BSD1)				Prepared: (	07/31/20 Ar	nalyzed: 08	/01/20			
C6-C12	869	25.0	mg/kg wet	1000		86.9	75-125	1.80	20	
>C12-C28	1070	25.0	"	1000		107	75-125	1.57	20	
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	47.8		"	50.0		95.6	70-130			
Calibration Check (P0G3110-CCV1)				Prepared: (	07/31/20 Ar	nalyzed: 08	/01/20			
C6-C12	470	25.0	mg/kg wet	500		94.0	85-115			
>C12-C28	519	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	51.4		"	50.0		103	70-130			
Calibration Check (P0G3110-CCV2)				Prepared: (	07/31/20 Ar	nalyzed: 08	/01/20			
C6-C12	431	25.0	mg/kg wet	500		86.3	85-115			
>C12-C28	501	25.0	"	500		100	85-115			
Surrogate: 1-Chlorooctane	96.5		"	100		96.5	70-130			
Surrogate: o-Terphenyl	47.7		,,	50.0		95.5	70-130			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# 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 P0G3110 - TX 1005										
Calibration Check (P0G3110-CCV3)				Prepared: (	07/31/20 A	nalyzed: 08	/01/20			
C6-C12	476	25.0	mg/kg wet	500		95.2	85-115			
>C12-C28	555	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	51.7		"	50.0		103	70-130			
Matrix Spike (P0G3110-MS1)	Sou	rce: 0G31002	2-07	Prepared: (	07/31/20 A	nalyzed: 08	/01/20			
C6-C12	1040	25.8	mg/kg dry	1030	10.2	99.6	75-125			
>C12-C28	1280	25.8	"	1030	29.0	121	75-125			
Surrogate: 1-Chlorooctane	122		"	103		119	70-130			
Surrogate: o-Terphenyl	57.4		"	51.5		111	70-130			
Matrix Spike Dup (P0G3110-MSD1)	Sou	rce: 0G31002	2-07	Prepared: (	07/31/20 A	nalyzed: 08	/01/20			
C6-C12	1020	25.8	mg/kg dry	1030	10.2	98.3	75-125	1.24	20	
>C12-C28	1260	25.8	"	1030	29.0	119	75-125	1.41	20	
Surrogate: 1-Chlorooctane	119		"	103		115	70-130			
Surrogate: o-Terphenyl	56.1		"	51.5		109	70-130			

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

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

	Drew	Darlor			
Report Approved By:			Date:	8/4/2020	

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.

Permian Basin Environmental Lab, L.P.

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			Son	entennial										Stockpile	FIELD CODE	S)		ure:	(432)230-3763	Odessa, Texas 79765	ss: 13000 W CR 100	_	r: Matt Green		
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### PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



### Analytical Report

#### **Prepared for:**

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

Project: Centennial Tour Bus 23 State 502,601,302 Check Val

Project Number: 12596 Location: Lea County, NM

Lab Order Number: 0H26005



**Current Certification** 

Report Date: 09/03/20

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NSW @ 6"	0H26005-01	Soil	08/21/20 08:00	08-25-2020 16:52
SSW @ 6"	0H26005-02	Soil	08/21/20 09:00	08-25-2020 16:52
ESW-1 @ 6"	0H26005-03	Soil	08/21/20 08:15	08-25-2020 16:52
ESW-2 @ 6"	0H26005-04	Soil	08/21/20 08:25	08-25-2020 16:52
ESW-3 @ 6"	0H26005-05	Soil	08/21/20 08:35	08-25-2020 16:52
ESW-4 @ 6"	0H26005-06	Soil	08/21/20 08:45	08-25-2020 16:52
WSW-1 @ 6"	0H26005-07	Soil	08/21/20 08:20	08-25-2020 16:52
WSW-2 @ 6"	0H26005-08	Soil	08/21/20 08:30	08-25-2020 16:52
WSW-3 @ 6"	0H26005-09	Soil	08/21/20 08:40	08-25-2020 16:52
WSW-4 @ 6"	0H26005-10	Soil	08/21/20 08:50	08-25-2020 16:52

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

#### NSW @ 6" 0H26005-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Perm	ian Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		88.6 %	75-12	25	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.4 %	75-12	25	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
General Chemistry Parameter	s by EPA/	Standard	Methods	ł					
Chloride	259	1.02	mg/kg dry	1	P0I0103	09/01/20 09:16	09/01/20 16:04	EPA 300.0	
% Moisture	2.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA M	ethod 801	5M					
C6-C12	ND	25.5	mg/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
>C12-C28	166	25.5	mg/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
>C28-C35	50.1	25.5	mg/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
Surrogate: 1-Chlorooctane		95.4 %	70-1.	30	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-1.	30	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	216	25.5	mg/kg dry	1	[CALC]	08/26/20 13:00	08/26/20 23:18	calc	

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

SSW @ 6" 0H26005-02 (Soil)

Analyte	Result	Reporting Limit U	Jnits 1	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Permi	an Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Toluene	ND	0.00101 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Ethylbenzene	ND	0.00101 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Xylene (p/m)	ND	0.00202 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Xylene (o)	ND	0.00101 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.3 %	75-12	5	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		89.1 %	75-12	5	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
<b>General Chemistry Parameter</b>	s by EPA/	Standard N	Methods						
Chloride	151	1.01 m	g/kg dry	1	P0I0103	09/01/20 09:16	09/01/20 16:20	EPA 300.0	
% Moisture	1.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA Met	hod 801	5M					
C6-C12	ND	25.3 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
>C12-C28	27.6	25.3 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
>C28-C35	ND	25.3 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
Surrogate: 1-Chlorooctane		92.8 %	70-13	0	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-13	0	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	27.6	25.3 m	g/kg dry	1	[CALC]	08/26/20 13:00	08/26/20 23:41	calc	

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

#### ESW-1 @ 6" 0H26005-03 (Soil)

Analyte	Result	Reporting Limit U	nits I	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Permi	an Basii	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Toluene	ND	0.00103 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Ethylbenzene	ND	0.00103 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Xylene (p/m)	ND	0.00206 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Xylene (o)	ND	0.00103 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.3 %	75-12.	5	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.7 %	75-12.	5	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
General Chemistry Parameter	s by EPA/	Standard N	<b>1ethods</b>						
Chloride	189	1.03 m	g/kg dry	1	P0I0103	09/01/20 09:16	09/01/20 16:35	EPA 300.0	
% Moisture	3.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA Met	hod 8015	5M					
C6-C12	ND	25.8 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
>C12-C28	142	25.8 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
>C28-C35	29.3	25.8 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
Surrogate: 1-Chlorooctane		92.8 %	70-13	0	P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-13	0	P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	172	25.8 m	g/kg dry	1	[CALC]	08/26/20 13:00	08/27/20 00:03	calc	

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

ESW-2 @ 6" 0H26005-04 (Soil)

Analyte	Result	Reporting Limit U	nits Di	lution	Batch	Prepared	Analyzed	Method	Notes
			Permiar	ı Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102 mg	/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Toluene	ND	0.00102 mg	/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Ethylbenzene	ND	0.00102 mg	/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Xylene (p/m)	ND	0.00204 mg	/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Xylene (o)	ND	0.00102 mg	/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		89.0 %	75-125		P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.2 %	75-125		P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
General Chemistry Parameter	s by EPA/	Standard M	<b>Iethods</b>						
Chloride	89.7	1.02 mg	/kg dry	1	P0I0103	09/01/20 09:16	09/01/20 16:51	EPA 300.0	
% Moisture	2.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA Metl	10d 8015N	Л					
C6-C12	ND	25.5 mg	/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:25	TPH 8015M	
>C12-C28	32.5	25.5 mg	/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:25	TPH 8015M	
>C28-C35	ND	25.5 mg	/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:25	TPH 8015M	
Surrogate: 1-Chlorooctane		91.5 %	70-130		P0H2606	08/26/20 13:00	08/27/20 00:25	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P0H2606	08/26/20 13:00	08/27/20 00:25	TPH 8015M	
Total Petroleum	32.5	25.5 mg	/kg dry	1	[CALC]	08/26/20 13:00	08/27/20 00:25	calc	
Hydrocarbon C6-C35									

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

ESW-3 @ 6" 0H26005-05 (Soil)

Analyte	Result	Reporting Limit U	Jnits	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Perm	ian Basii	n Environme	ental Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00105 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Toluene	ND	0.00105 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Ethylbenzene	ND	0.00105 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Xylene (p/m)	ND	0.00211 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Xylene (o)	ND	0.00105 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.4 %	75-12	25	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.6 %	75-12	25	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
General Chemistry Parameter	s by EPA /	Standard I	Methods	S					
Chloride	1030	1.05 m	g/kg dry	1	P0I0103	09/01/20 09:16	09/01/20 17:06	EPA 300.0	
% Moisture	5.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA Met	hod 801	5M					
C6-C12	ND	26.3 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
>C12-C28	ND	26.3 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
>C28-C35	ND	26.3 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
Surrogate: 1-Chlorooctane		98.4 %	70-1.	30	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-1.	30	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3 m	g/kg dry	1	[CALC]	08/26/20 13:00	08/27/20 00:48	calc	

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

er: Matt Green

#### ESW-4 @ 6" 0H26005-06 (Soil)

Analyte	Result	Reporting Limit U	Inits D	ilution	Batch	Prepared	Analyzed	Method	Notes
			Permia	n Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103 mg	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Toluene	ND	0.00103 mg	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Ethylbenzene	ND	0.00103 mg	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Xylene (p/m)	ND	0.00206 mg	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Xylene (o)	ND	0.00103 mg	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.9 %	75-125		P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		85.4 %	75-125		P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
General Chemistry Parameter	s by EPA/	Standard N	<b>Aethods</b>						
Chloride	216	1.03 mg	g/kg dry	1	P0I0103	09/01/20 09:16	09/01/20 17:22	EPA 300.0	
% Moisture	3.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA Met	hod 8015	M					
C6-C12	ND	25.8 mg	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
>C12-C28	74.8	25.8 mg	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
>C28-C35	ND	25.8 mg	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
Surrogate: 1-Chlorooctane		91.1 %	70-130	1	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130	1	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	74.8	25.8 mg	g/kg dry	1	[CALC]	08/26/20 13:20	08/27/20 03:50	cale	

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

#### WSW-1 @ 6" 0H26005-07 (Soil)

Analyte	Result	Reporting Limit U	Jnits D	ilution	Batch	Prepared	Analyzed	Method	Notes
			Permia	n Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Toluene	ND	0.00103 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Ethylbenzene	ND	0.00103 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Xylene (p/m)	ND	0.00206 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Xylene (o)	ND	0.00103 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.4 %	75-125		P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.0 %	75-125		P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
General Chemistry Parameter	s by EPA/	Standard N	Methods						
Chloride	172	1.03 m	g/kg dry	1	P0I0103	09/01/20 09:16	09/01/20 17:37	EPA 300.0	
% Moisture	3.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbons	s C6-C35 b	y EPA Met	hod 8015	M					
C6-C12	ND	25.8 m	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 04:13	TPH 8015M	
>C12-C28	268	25.8 m	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 04:13	TPH 8015M	
>C28-C35	42.9	25.8 m	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 04:13	TPH 8015M	
Surrogate: 1-Chlorooctane		88.0 %	70-130		P0H2607	08/26/20 13:20	08/27/20 04:13	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-130	1	P0H2607	08/26/20 13:20	08/27/20 04:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	311	25.8 m	g/kg dry	1	[CALC]	08/26/20 13:20	08/27/20 04:13	calc	

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

WSW-2 @ 6"

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Pern	nian Basii	n Environme	ental Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Toluene	ND	0.00102 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Ethylbenzene	ND	0.00102 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Xylene (p/m)	ND	0.00204 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Xylene (o)	ND	0.00102 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.5 %	75-1	125	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.0 %	75-1	125	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
General Chemistry Parameter	s by EPA/	Standard 1	Method	s					
Chloride	279	1.02 m	ng/kg dry	1	P0I0107	09/01/20 14:53	09/02/20 09:41	EPA 300.0	
% Moisture	2.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA Me	thod 80	15M					
C6-C12	ND	25.5 m	ng/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
>C12-C28	ND	25.5 m	ng/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
>C28-C35	ND	25.5 m	ng/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
Surrogate: 1-Chlorooctane		87.8 %	70-1	130	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1	130	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.5 m	ng/kg dry	1	[CALC]	08/26/20 13:20	08/27/20 04:37	calc	

0H26005-08 (Soil)

C6-C35

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

WSW-3 @ 6" 0H26005-09 (Soil)

Analyte	Result	Reporting Limit U	nits D	ilution	Batch	Prepared	Analyzed	Method	Notes
			Permia	n Basii	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Toluene	ND	0.00103 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Ethylbenzene	ND	0.00103 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Xylene (p/m)	ND	0.00206 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Xylene (o)	ND	0.00103 m	g/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.6 %	75-125		P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		88.3 %	75-125		P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
General Chemistry Parameter	s by EPA/	Standard N	<b>1ethods</b>						
Chloride	930	1.03 m	g/kg dry	1	P0I0107	09/01/20 14:53	09/02/20 10:22	EPA 300.0	
% Moisture	3.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA Met	hod 8015	M					
C6-C12	ND	25.8 m	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 05:00	TPH 8015M	
>C12-C28	30.4	25.8 m	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 05:00	TPH 8015M	
>C28-C35	ND	25.8 m	g/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 05:00	TPH 8015M	
Surrogate: 1-Chlorooctane		89.9 %	70-130	)	P0H2607	08/26/20 13:20	08/27/20 05:00	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130	)	P0H2607	08/26/20 13:20	08/27/20 05:00	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	30.4	25.8 m	g/kg dry	1	[CALC]	08/26/20 13:20	08/27/20 05:00	calc	

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

WSW-4 @ 6" 0H26005-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Perm	ian Basii	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Toluene	ND	0.00101 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Ethylbenzene	ND	0.00101 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Xylene (p/m)	ND	0.00202 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Xylene (o)	ND	0.00101 m	ng/kg dry	1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.0 %	75-1	25	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.9 %	75-1	25	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
<b>General Chemistry Parameter</b>	s by EPA/	Standard 1	Method	s					
Chloride	237	1.01 m	ng/kg dry	1	P0I0107	09/01/20 14:53	09/02/20 10:36	EPA 300.0	
% Moisture	1.0	0.1	%	1	P0H2701	08/27/20 09:18	08/27/20 09:24	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 b	y EPA Me	thod 801	15M					
C6-C12	ND	25.3 m	ng/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
>C12-C28	ND	25.3 m	ng/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
>C28-C35	ND	25.3 m	ng/kg dry	1	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
Surrogate: 1-Chlorooctane		86.7 %	70-1	30	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
Surrogate: o-Terphenyl		97.6 %	70-1	30	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3 m	ng/kg dry	1	[CALC]	08/26/20 13:20	08/27/20 05:23	calc	

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 Project Manager: Matt Green

### BTEX by 8021B - Quality Control Permian Basin Environmental Lab, L.P.

	<b>.</b>	Reporting	TT 1:	Spike	Source	0/855	%REC	D.C.	RPD	37.
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0I0106 - General Preparation (GC)										
Blank (P010106-BLK1)				Prepared &	Analyzed:	09/01/20				
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	0.101		"	0.120		84.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		86.0	75-125			
LCS (P0I0106-BS1)				Prepared &	Analyzed:	09/01/20				
Benzene	0.101	0.00100	mg/kg wet	0.100	-	101	70-130			
Toluene	0.0976	0.00100	"	0.100		97.6	70-130			
Ethylbenzene	0.105	0.00100	"	0.100		105	70-130			
Xylene (p/m)	0.199	0.00200	"	0.200		99.3	70-130			
Xylene (o)	0.0991	0.00100	"	0.100		99.1	70-130			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		85.3	75-125			
LCS Dup (P0I0106-BSD1)				Prepared &	Analyzed:	09/01/20				
Benzene	0.0934	0.00100	mg/kg wet	0.100		93.4	70-130	7.90	20	
Toluene	0.0875	0.00100	"	0.100		87.5	70-130	10.9	20	
Ethylbenzene	0.0937	0.00100	"	0.100		93.7	70-130	11.6	20	
Xylene (p/m)	0.179	0.00200	"	0.200		89.4	70-130	10.5	20	
Xylene (o)	0.0878	0.00100	"	0.100		87.8	70-130	12.1	20	
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.0997		"	0.120		83.1	75-125			
Calibration Blank (P0I0106-CCB1)				Prepared &	z Analyzed:	09/01/20				
Benzene	0.00		mg/kg wet							
Toluene	0.700		"							
Ethylbenzene	0.410		"							
Xylene (p/m)	0.770		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.104		"	0.120		86.8	75-125			
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120		84.3	75-125			

Permian Basin Environmental Lab, L.P.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 Project Manager: Matt Green

### BTEX by 8021B - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0I0106 - General Preparation (GC)										
Calibration Blank (P0I0106-CCB2)				Prepared &	k Analyzed:	09/01/20				
Benzene	0.00		mg/kg wet	1						
Toluene	0.590		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.480		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		85.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		85.1	75-125			
Calibration Check (P0I0106-CCV1)				Prepared &	k Analyzed:	09/01/20				
Benzene	0.0915	0.00100	mg/kg wet	0.100		91.5	80-120			
Toluene	0.0827	0.00100	"	0.100		82.7	80-120			
Ethylbenzene	0.0869	0.00100	"	0.100		86.9	80-120			
Xylene (p/m)	0.178	0.00200	"	0.200		88.8	80-120			
Xylene (o)	0.0913	0.00100	"	0.100		91.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		85.9	75-125			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		89.9	75-125			
Calibration Check (P0I0106-CCV2)				Prepared &	t Analyzed:	09/01/20				
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0946	0.00100	"	0.100		94.6	80-120			
Ethylbenzene	0.0970	0.00100	"	0.100		97.0	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		94.9	80-120			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.104		"	0.120		86.7	75-125			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.7	75-125			
Calibration Check (P0I0106-CCV3)				Prepared: (	09/01/20 At	nalyzed: 09	/02/20			
Benzene	0.0973	0.00100	mg/kg wet	0.100		97.3	80-120			
Toluene	0.0976	0.00100	"	0.100		97.6	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			

0.196

0.105

0.109

0.106

0.00200

0.00100

Permian Basin Environmental Lab, L.P.

Xylene (p/m)

Surrogate: 4-Bromofluorobenzene

Surrogate: 1,4-Difluorobenzene

Xylene (o)

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.

97.8

105

90.7

88.2

80-120

80-120

75-125

75-125

0.200

0.100

0.120

0.120

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 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 P0I0106 - General Preparation (GC)** 

Matrix Spike (P0I0106-MS1)	Sour	Source: 0I01007-01				09/01/20		
Benzene	0.0681	0.00110	mg/kg dry	0.110	ND	62.0	80-120	QM-07
Toluene	0.0473	0.00110	"	0.110	0.00110	42.0	80-120	QM-07
Ethylbenzene	0.0508	0.00110	"	0.110	0.00590	40.9	80-120	QM-07
Xylene (p/m)	0.105	0.00220	"	0.220	0.0345	32.3	80-120	QM-07
Xylene (o)	0.0502	0.00110	"	0.110	0.0119	34.8	80-120	QM-07
Surrogate: 4-Bromofluorobenzene	0.112		"	0.132		85.2	75-125	
Surrogate: 1,4-Difluorobenzene	0.121		"	0.132		91.7	75-125	

Matrix Spike Dup (P0I0106-MSD1)	Sour	ce: 0101007-	01	Prepared:	09/01/20 An	alyzed: 09	9/02/20			
Benzene	0.0710	0.00110	mg/kg dry	0.110	ND	64.7	80-120	4.23	20	QM-07
Toluene	0.0453	0.00110	"	0.110	0.00110	40.2	80-120	4.28	20	QM-07
Ethylbenzene	0.0501	0.00110	"	0.110	0.00590	40.2	80-120	1.58	20	QM-07
Xylene (p/m)	0.102	0.00220	"	0.220	0.0345	30.7	80-120	5.07	20	QM-07
Xylene (o)	0.0480	0.00110	"	0.110	0.0119	32.8	80-120	5.86	20	QM-07
Surrogate: 1,4-Difluorobenzene	0.124		"	0.132		94.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.132		86.1	75-125			

Batch P0I0206 - General Preparation (GC)

Blank (P0I0206-BLK1)				Prepared & Ana	lyzed: 09/02/20		
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	0.0974		"	0.120	81.2	75-125	
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120	84.1	75-125	

Permian Basin Environmental Lab, L.P.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 Project Manager: Matt Green

### BTEX by 8021B - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
· ·										
Batch P0I0206 - General Preparation (GC) LCS (P0I0206-BS1)				Prepared &	. Analyzed	09/02/20				
Benzene	0.102	0.00100	mg/kg wet	0.100	7 maryzea.	102	70-130			
Toluene	0.0886	0.00100	"	0.100		88.6	70-130			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	70-130			
Xylene (p/m)	0.189	0.00200	"	0.200		94.6	70-130			
Xylene (o)	0.0924	0.00100	"	0.100		92.4	70-130			
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120		84.5	75-125			
Surrogate: 4-Bromofluorobenzene	0.0975		"	0.120		81.3	75-125			
LCS Dup (P010206-BSD1)				Prepared &	: Analyzed:	09/02/20				
Benzene	0.111	0.00100	mg/kg wet	0.100	•	111	70-130	9.15	20	
Toluene	0.106	0.00100	"	0.100		106	70-130	18.2	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	70-130	11.1	20	
Xylene (p/m)	0.218	0.00200	"	0.200		109	70-130	14.3	20	
Xylene (o)	0.105	0.00100	"	0.100		105	70-130	12.8	20	
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.0998		"	0.120		83.1	75-125			
Calibration Check (P0I0206-CCV1)				Prepared &	: Analyzed:	09/02/20				
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0895	0.00100	"	0.100		89.5	80-120			
Ethylbenzene	0.0932	0.00100	"	0.100		93.2	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		93.8	80-120			
Xylene (o)	0.0937	0.00100	"	0.100		93.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.0973		"	0.120		81.1	75-125			
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120		83.8	75-125			
Calibration Check (P0I0206-CCV2)				Prepared &	: Analyzed:	09/02/20				
Benzene	0.0991	0.00100	mg/kg wet	0.100		99.1	80-120			
Toluene	0.0947	0.00100	"	0.100		94.7	80-120			
Ethylbenzene	0.0962	0.00100	"	0.100		96.2	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.6	80-120			
Xylene (o)	0.0962	0.00100	"	0.100		96.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		85.1	75-125			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.5	75-125			

Permian Basin Environmental Lab, L.P.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 Project Manager: Matt Green

### BTEX by 8021B - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0I0206 - General Preparation (GC)										
Calibration Check (P0I0206-CCV3)				Prepared: (	09/02/20 A:	nalyzed: 09	/03/20			
Benzene	0.0987	0.00100	mg/kg wet	0.100		98.7	80-120			
Toluene	0.0890	0.00100	"	0.100		89.0	80-120			
Ethylbenzene	0.0903	0.00100	"	0.100		90.3	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		87.8	80-120			
Xylene (o)	0.0940	0.00100	"	0.100		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		87.9	75-125			
Surrogate: 4-Bromofluorobenzene	0.0965		"	0.120		80.4	75-125			
Matrix Spike (P0I0206-MS1)	Sou	rce: 0102003	-01	Prepared &	& Analyzed:	09/02/20				
Benzene	0.0884	0.00105	mg/kg dry	0.105	ND	84.0	80-120			
Toluene	0.0762	0.00105	"	0.105	ND	72.4	80-120			QM-07
Ethylbenzene	0.0933	0.00105	"	0.105	ND	88.6	80-120			
Xylene (p/m)	0.156	0.00211	"	0.211	ND	74.2	80-120			QM-07
Xylene (o)	0.0781	0.00105	"	0.105	ND	74.2	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.110		"	0.126		86.9	75-125			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.126		89.6	75-125			
Matrix Spike Dup (P0I0206-MSD1)	Sou	rce: 0102003	-01	Prepared: (	09/02/20 A	nalyzed: 09	/03/20			
Benzene	0.0926	0.00105	mg/kg dry	0.105	ND	87.9	80-120	4.61	20	
Toluene	0.0791	0.00105	"	0.105	ND	75.1	80-120	3.73	20	QM-07
Ethylbenzene	0.100	0.00105	"	0.105	ND	95.4	80-120	7.42	20	
Xylene (p/m)	0.166	0.00211	"	0.211	ND	79.0	80-120	6.30	20	QM-07
Xylene (o)	0.0838	0.00105	"	0.105	ND	79.6	80-120	7.11	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.112		"	0.126		88.4	75-125			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.126		89.3	75-125			

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Result	Reporting	Units	Spike Level	Source Result	%RFC	%REC	RPD	RPD Limit	Notes
ACSUIT	Limit	Omis	Level	ixesuit	/0KEC	Lillius	МЪ	Liiiit	110105
			Prepared &	Analyzed:	08/27/20				
ND	0.1	%							
			Prepared &	Analyzed:	08/27/20				
ND	0.1	%							
			Prepared &	Analyzed:	08/27/20				
ND	0.1	%							
			Prepared &	Analyzed:	08/27/20				
ND	0.1	%							
			Prepared &	Analyzed:	08/27/20				
ND	0.1	%							
Sour	ce: 0H26003-	01	Prepared &	Analyzed:	08/27/20				
8.0	0.1	%		8.0			0.00	20	
Sour	се: 0Н26005-	09	Prepared &	Analyzed:	08/27/20				
3.0	0.1	%		3.0			0.00	20	
Sour	ce: 0H26009-	07	Prepared &	Analyzed:	08/27/20				
ND	0.1	%		ND				20	
Sour	се: 0Н26018-	02	Prepared &	Analyzed:	08/27/20				
12.0	0.1	%	•	12.0			0.00	20	
Sour	ce: 0H26022-	01	Prepared &	Analyzed:	08/27/20				
	ND ND ND Sour 8.0 Sour ND Sour 12.0	ND	ND	ND	ND	ND   O.1   %   Prepared & Analyzed: 08/27/20	ND	ND	ND

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0H2701 - *** DEFAULT PREP ***	result	Limit	Cinto	Level	resurt	, or the	Limits	пъ	Limit	1,0103
batch PUH2/UI - """ DEFAULT PREP """										
Duplicate (P0H2701-DUP6)	Sour	ce: 0H26023	-05	Prepared &	Analyzed:	08/27/20				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P0H2701-DUP7)	Sour	се: 0Н26024-	-01	Prepared &	Analyzed:	08/27/20				
% Moisture	10.0	0.1	%		10.0			0.00	20	
<b>Duplicate (P0H2701-DUP8)</b>	Sour	ce: 0H26024	-11	Prepared &	: Analyzed:	08/27/20				
% Moisture	13.0	0.1	%		12.0			8.00	20	
Duplicate (P0H2701-DUP9)	Sour	ce: 0H26026	-02	Prepared &	: Analyzed:	08/27/20				
% Moisture	12.0	0.1	%		12.0			0.00	20	
<b>Duplicate (P0H2701-DUPA)</b>	Sour	се: 0Н26026-	-12	Prepared &	Analyzed:	08/27/20				
% Moisture	13.0	0.1	%		13.0			0.00	20	
Batch P0I0103 - *** DEFAULT PREP ***										
Blank (P0I0103-BLK1)				Prepared &	Analyzed:	09/01/20				
Chloride	ND	1.00	mg/kg wet							
LCS (P0I0103-BS1)				Prepared &	: Analyzed:	09/01/20				
Chloride	409	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P0I0103-BSD1)				Prepared &	: Analyzed:	09/01/20				
Chloride	408	1.00	mg/kg wet	400	-	102	80-120	0.245	20	
Calibration Blank (P0I0103-CCB1)				Prepared &	: Analyzed:	09/01/20				
Chloride	0.00		mg/kg wet	•	•					

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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0I0103 - *** DEFAULT PREP ***										
Calibration Blank (P0I0103-CCB2)				Prepared &	ն Analyzed:	09/01/20				
Chloride	0.00		mg/kg wet							
Calibration Check (P0I0103-CCV1)				Prepared &	ն Analyzed:	09/01/20				
Chloride	18.9		mg/kg	20.0		94.7	0-200			
Calibration Check (P0I0103-CCV2)				Prepared &	k Analyzed:	09/01/20				
Chloride	19.0		mg/kg	20.0		95.0	0-200			
Calibration Check (P0I0103-CCV3)				Prepared &	k Analyzed:	09/01/20				
Chloride	19.1		mg/kg	20.0		95.7	0-200			
Matrix Spike (P0I0103-MS1)	Sou	rce: 0H31003	3-21	Prepared &	k Analyzed:	09/01/20				
Chloride	531	1.03	mg/kg dry	515	28.7	97.5	80-120			
Matrix Spike (P0I0103-MS2)	Sou	rce: 0H31003	3-31	Prepared &	k Analyzed:	09/01/20				
Chloride	516	1.04	mg/kg dry	521	20.6	95.2	80-120			
Matrix Spike Dup (P0I0103-MSD1)	Sou	rce: 0H31003	3-21	Prepared &	k Analyzed:	09/01/20				
Chloride	515	1.03	mg/kg dry	515	28.7	94.3	80-120	3.10	20	
Matrix Spike Dup (P0I0103-MSD2)	Sou	rce: 0H31003	3-31	Prepared &	k Analyzed:	09/01/20				
Chloride	513	1.04	mg/kg dry	521	20.6	94.5	80-120	0.692	20	
Batch P0I0107 - *** DEFAULT PREP ***										
Blank (P0I0107-BLK1)				Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	ND	1.00	mg/kg wet							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0I0107 - *** DEFAULT PREP ***										
LCS (P0I0107-BS1)				Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	411	1.00	mg/kg wet	400		103	80-120			
LCS Dup (P0I0107-BSD1)				Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	407	1.00	mg/kg wet	400		102	80-120	1.17	20	
Calibration Blank (P0I0107-CCB1)				Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	0.00		mg/kg wet							
Calibration Blank (P0I0107-CCB2)				Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	0.00		mg/kg wet							
Calibration Check (P0I0107-CCV1)				Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	19.3		mg/kg	20.0		96.3	0-200			
Calibration Check (P0I0107-CCV2)				Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	19.7		mg/kg	20.0		98.4	0-200			
Calibration Check (P0I0107-CCV3)				Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	19.7		mg/kg	20.0		98.4	0-200			
Matrix Spike (P0I0107-MS1)	Sou	rce: 0H26005	5-08	Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	744	1.02	mg/kg dry	510	279	91.2	80-120			
Matrix Spike (P0I0107-MS2)	Sou	rce: 0H26019	9-04	Prepared: (	)9/01/20 A	nalyzed: 09	/02/20			
Chloride	2870	5.32	mg/kg dry	532	2340	98.1	80-120			
Matrix Spike Dup (P0I0107-MSD1)	Sou	rce: 0H26005	5-08	Prepared: (	09/01/20 A	nalyzed: 09	/02/20			
Chloride	772	1.02	mg/kg dry	510	279	96.6	80-120	3.61	20	

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# General Chemistry Parameters by EPA / Standard Methods - Quality Control Permian Basin Environmental Lab, L.P.

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

Batch P0I0107 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike Dup (P0I0107-MSD2)	Source:	0Н26019-04	Prepared: (	09/01/20 Ar	nalyzed: 09	9/02/20			
Chloride	2890	5.32 mg/kg dry	532	2340	102	80-120	0.752	20	

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

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# Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control Permian Basin Environmental Lab, L.P.

	D 1	Reporting	TT 1	Spike	Source	N/DEC	%REC	DDD	RPD	37.
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0H2606 - TX 1005										
Blank (P0H2606-BLK1)				Prepared &	z Analyzed:	08/26/20				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	74.0		"	100		74.0	70-130			
Surrogate: o-Terphenyl	41.5		"	50.0		83.0	70-130			
LCS (P0H2606-BS1)				Prepared &	z Analyzed:	08/26/20				
C6-C12	876	25.0	mg/kg wet	1000		87.6	75-125			
>C12-C28	1020	25.0	"	1000		102	75-125			
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	45.0		"	50.0		90.0	70-130			
LCS Dup (P0H2606-BSD1)				Prepared &	analyzed:	08/26/20				
C6-C12	836	25.0	mg/kg wet	1000		83.6	75-125	4.65	20	
>C12-C28	992	25.0	"	1000		99.2	75-125	3.07	20	
Surrogate: 1-Chlorooctane	95.9		"	100		95.9	70-130			
Surrogate: o-Terphenyl	43.4		"	50.0		86.8	70-130			
Calibration Check (P0H2606-CCV1)				Prepared &	Analyzed:	08/26/20				
C6-C12	472	25.0	mg/kg wet	500		94.4	85-115			
>C12-C28	517	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	91.0		"	100		91.0	70-130			
Surrogate: o-Terphenyl	45.2		"	50.0		90.4	70-130			
Calibration Check (P0H2606-CCV2)				Prepared &	Analyzed:	08/26/20				
C6-C12	457	25.0	mg/kg wet	500		91.4	85-115			
>C12-C28	474	25.0	"	500		94.7	85-115			
Surrogate: 1-Chlorooctane	91.2		"	100		91.2	70-130			
Surrogate: o-Terphenyl	44.1		"	50.0		88.1	70-130			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

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# Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control Permian Basin Environmental Lab, L.P.

Apolyto	Result	Reporting	I Indian	Spike	Source Result	%REC	%REC	RPD	RPD	NT-4-
Analyte	Result	Limit	Units	Level	Kesuit	%REC	Limits	KPD	Limit	Notes
Batch P0H2606 - TX 1005										
Matrix Spike (P0H2606-MS1)	Source	e: 0H26005	5-05	Prepared: (	08/26/20 A1	nalyzed: 08	/27/20			
C6-C12	1030	26.3	mg/kg dry	1050	10.0	97.3	75-125			
>C12-C28	1270	26.3	"	1050	17.2	119	75-125			
Surrogate: 1-Chlorooctane	122		"	105		115	70-130			
Surrogate: o-Terphenyl	54.4		"	52.6		103	70-130			
Matrix Spike Dup (P0H2606-MSD1)	Sourc	e: 0H26005	5-05	Prepared: (	08/26/20 Aı	nalyzed: 08	/27/20			
C6-C12	992	26.3	mg/kg dry	1050	10.0	93.3	75-125	4.17	20	
>C12-C28	1230	26.3	"	1050	17.2	115	75-125	3.55	20	
Surrogate: 1-Chlorooctane	116		"	105		111	70-130			
Surrogate: o-Terphenyl	51.6		"	52.6		98.0	70-130			
Batch P0H2607 - TX 1005										
Blank (P0H2607-BLK1)				Prepared: (	08/26/20 Aı	nalyzed: 08	/27/20			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	83.9		"	100		83.9	70-130			
Surrogate: o-Terphenyl	46.8		"	50.0		93.6	70-130			
LCS (P0H2607-BS1)				Prepared: (	08/26/20 Aı	nalyzed: 08	/27/20			
C6-C12	884	25.0	mg/kg wet	1000		88.4	75-125			
>C12-C28	1050	25.0	"	1000		105	75-125			
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	46.9		"	50.0		93.8	70-130			
LCS Dup (P0H2607-BSD1)				Prepared: (	08/26/20 A1	nalyzed: 08	/27/20			
C6-C12	864	25.0	mg/kg wet	1000		86.4	75-125	2.24	20	
>C12-C28	1040	25.0	"	1000		104	75-125	0.976	20	
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.7	70-130			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Project Number: 12596
Odessa TX, 79765 Project Manager: Matt Green

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# Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0H2607 - TX 1005										
Calibration Check (P0H2607-CCV1)	Prepared: 08/26/20 Analyzed: 08/27/20									
C6-C12	470	25.0	mg/kg wet	500		93.9	85-115			
>C12-C28	510	25.0	"	500		102	85-115			
Surrogate: 1-Chlorooctane	97.9		"	100		97.9	70-130			
Surrogate: o-Terphenyl	48.3		"	50.0		96.6	70-130			
Calibration Check (P0H2607-CCV2)	Prepared: 08/26/20 Analyzed: 08/27/20									
C6-C12	450	25.0	mg/kg wet	500		90.0	85-115			
>C12-C28	486	25.0	"	500		97.3	85-115			
Surrogate: 1-Chlorooctane	92.2		"	100		92.2	70-130			
Surrogate: o-Terphenyl	46.2		"	50.0		92.4	70-130			
Calibration Check (P0H2607-CCV3)				Prepared: (	08/26/20 Aı	nalyzed: 08	3/27/20			
C6-C12	457	25.0	mg/kg wet	500		91.3	85-115			
>C12-C28	521	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	95.6		"	100		95.6	70-130			
Surrogate: o-Terphenyl	48.1		"	50.0		96.3	70-130			
Matrix Spike (P0H2607-MS1)	Sour	Source: 0H26009-08		Prepared: 08/26/20 Analyzed: 08/27/20						
C6-C12	919	25.3	mg/kg dry	1010	10.6	89.9	75-125			
>C12-C28	1130	25.3	"	1010	17.4	110	75-125			
Surrogate: 1-Chlorooctane	109		"	101		108	70-130			
Surrogate: o-Terphenyl	50.6		"	50.5		100	70-130			
Matrix Spike Dup (P0H2607-MSD1)	Sour	rce: 0H26009	9-08	Prepared: (	08/26/20 Aı	nalyzed: 08	3/27/20			
C6-C12	933	25.3	mg/kg dry	1010	10.6	91.3	75-125	1.55	20	
>C12-C28	1140	25.3	"	1010	17.4	111	75-125	1.45	20	
Surrogate: 1-Chlorooctane	112		"	101		110	70-130			
Surrogate: o-Terphenyl	49.2		"	50.5		97.4	70-130			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Project Number: 12596
Odessa TX, 79765 Project Manager: Matt Green

Fax: (432) 563-2213

#### **Notes and Definitions**

ROI Received on Ice

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

ecovery.

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

	Drew	Darron			
Report Approved By:			Date:	0/2/2020	

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.

Permian Basin Environmental Lab, L.P.

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



## Analytical Report

### **Prepared for:**

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

Project: Centennial Tour Bus 23 State 502,601,302 Check Val

Project Number: 12596 Location: Lea County, NM

Lab Order Number: 0I30002



NELAP/TCEQ # T104704516-17-8

Report Date: 10/08/20

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NSW @ 6"	0I30002-01	Soil	09/22/20 13:30	09-29-2020 16:17
ESW-1 @ 6"	0I30002-02	Soil	09/22/20 13:15	09-29-2020 16:17
ESW-3 @ 6"	0I30002-03	Soil	09/22/20 14:00	09-29-2020 16:17
WSW-1 @ 6"	0I30002-04	Soil	09/22/20 13:18	09-29-2020 16:17
WSW-3 @ 6"	0130002-05	Soil	09/22/20 14:20	09-29-2020 16:17
Stockpile 2	0130002-06	Soil	09/22/20 13:10	09-29-2020 16:17

Surrogate: o-Terphenyl

Total Petroleum Hydrocarbon C6-C35

Fax: (432) 563-2213

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

NSW @ 6" 0I30002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, l	L <b>.P.</b>				
General Chemistry Parameters by E	EPA / Standard Methods								
% Moisture	4.0	0.1	%	1	P0J0102	10/01/20	10/01/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	C35 by EPA Method 8015	SM							
C6-C12	ND	26.0	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-1	30	P0I3002	09/30/20	09/30/20	TPH 8015M	

70-130

114 %

ND

26.0 mg/kg dry

P0I3002

[CALC]

09/30/20

09/30/20

09/30/20

09/30/20

TPH 8015M

calc

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

ESW-1 @ 6" 0I30002-02 (Soil)

		Reporting							- 1
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

General Chemistry Parameters by EPA/S	Standard Methods							
% Moisture	6.0	0.1	%	1	P0J0102	10/01/20	10/01/20	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by	EPA Method 801	5M						
C6-C12	ND	26.6	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M
>C12-C28	ND	26.6	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M
>C28-C35	ND	26.6	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M
Surrogate: 1-Chlorooctane		113 %	70-130		P0I3002	09/30/20	09/30/20	TPH 8015M
Surrogate: o-Terphenyl		124 %	70-130		P0I3002	09/30/20	09/30/20	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	09/30/20	09/30/20	calc

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

ESW-3 @ 6" 0I30002-03 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

**General Chemistry Parameters by EPA / Standard Methods** 

Chloride	271	1.11 mg/kg dry	1	P0J0703	10/07/20	10/07/20	EPA 300.0
% Moisture	10.0	0.1 %	1	P0J0102	10/01/20	10/01/20	ASTM D2216

E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

WSW-1 @ 6" 0I30002-04 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

General Chemistry Parameters by EPA/	Standard Methods							
% Moisture	7.0	0.1	%	1	P0J0102	10/01/20	10/01/20	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 b	y EPA Method 801	5M						
C6-C12	ND	26.9	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M
>C12-C28	ND	26.9	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M
>C28-C35	ND	26.9	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M
Surrogate: 1-Chlorooctane		102 %	70-130		P0I3002	09/30/20	09/30/20	TPH 8015M
Surrogate: o-Terphenyl		112 %	70-130		P0I3002	09/30/20	09/30/20	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/30/20	09/30/20	calc

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

WSW-3 @ 6" 0I30002-05 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

**General Chemistry Parameters by EPA / Standard Methods** 

Chloride	173	1.06 mg/kg dry	1	P0J0703	10/07/20	10/07/20	EPA 300.0
% Moisture	6.0	0.1 %	1	P0J0102	10/01/20	10/01/20	ASTM D2216

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Stockpile 2 0I30002-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Pern	nian Basin E	Environmer	ıtal Lab, I	P.				
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P0I3009	09/30/20	10/01/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0I3009	09/30/20	10/01/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0I3009	09/30/20	10/01/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0I3009	09/30/20	10/01/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0I3009	09/30/20	10/01/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		113 %	75-1	25	P0I3009	09/30/20	10/01/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	75-1	25	P0I3009	09/30/20	10/01/20	EPA 8021B	
<b>General Chemistry Parameters by EI</b>	PA / Standard Method	s							
Chloride	301	1.05	mg/kg dry	1	P0J0703	10/07/20	10/07/20	EPA 300.0	
% Moisture	5.0	0.1	%	1	P0J0102	10/01/20	10/01/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	ND	26.3	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M	
>C12-C28	162	26.3	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M	
>C28-C35	42.0	26.3	mg/kg dry	1	P0I3002	09/30/20	09/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		100 %	70-1	30	P0I3002	09/30/20	09/30/20	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-1	30	P0I3002	09/30/20	09/30/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	205	26.3	mg/kg dry	1	[CALC]	09/30/20	09/30/20	calc	

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 Project Manager: Matt Green

### BTEX by 8021B - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0I3009 - General Preparation (C	GC)									
Blank (P0I3009-BLK1)				Prepared: (	09/30/20 At	nalyzed: 10	0/01/20			
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	0.121		"	0.120		101	75-125			
Surrogate: 4-Bromofluorobenzene	0.139		"	0.120		116	75-125			
LCS (P0I3009-BS1)				Prepared: (	09/30/20 At	nalyzed: 10	0/01/20			
Benzene	0.0912	0.00100	mg/kg wet	0.100		91.2	70-130			
Toluene	0.0886	0.00100	"	0.100		88.6	70-130			
Ethylbenzene	0.0970	0.00100	"	0.100		97.0	70-130			
Xylene (p/m)	0.193	0.00200	"	0.200		96.7	70-130			
Xylene (o)	0.111	0.00100	"	0.100		111	70-130			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.159		"	0.120		132	75-125			S-GO
LCS Dup (P0I3009-BSD1)				Prepared: (	09/30/20 At	nalyzed: 10	0/01/20			
Benzene	0.0828	0.00100	mg/kg wet	0.100		82.8	70-130	9.66	20	
Toluene	0.0833	0.00100	"	0.100		83.3	70-130	6.21	20	
Ethylbenzene	0.0925	0.00100	"	0.100		92.5	70-130	4.78	20	
Xylene (p/m)	0.171	0.00200	"	0.200		85.7	70-130	12.0	20	
Xylene (o)	0.100	0.00100	"	0.100		100	70-130	10.0	20	
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			
Surrogate: 4-Bromofluorobenzene	0.145		"	0.120		121	75-125			
Calibration Check (P0I3009-CCV1)				Prepared: (	09/30/20 At	nalyzed: 10	0/01/20			
Benzene	0.0900	0.00100	mg/kg wet	0.100		90.0	80-120			
Toluene	0.0883	0.00100	"	0.100		88.3	80-120			
Ethylbenzene	0.0994	0.00100	"	0.100		99.4	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.3	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	75-125			

Permian Basin Environmental Lab, L.P.

Surrogate: 4-Bromofluorobenzene

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.

96.7

75-125

0.120

0.116

E Tech Environmental & Safety Solutions, Inc.

Project: Centennial Tour Bus 23 State 502,601,302 Checl

Fax: (432) 563-2213

13000 West County Road 100 Odessa TX, 79765 Project Number: 12596 Project Manager: Matt Green

### BTEX by 8021B - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
•	Result	Limit	Oillis	Level	Result	/UNEC	Limits	KLD	Lillit	THOLES
Batch P0I3009 - General Preparation (GC)										
Calibration Check (P0I3009-CCV2)				Prepared: (	09/30/20 A	nalyzed: 10	/01/20			
Benzene	0.0876	0.00100	mg/kg wet	0.100		87.6	80-120			
Toluene	0.0861	0.00100	"	0.100		86.1	80-120			
Ethylbenzene	0.0966	0.00100	"	0.100		96.6	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.4	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.146		"	0.120		121	75-125			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	75-125			
Calibration Check (P0I3009-CCV3)				Prepared: (	09/30/20 A	nalyzed: 10	/01/20			
Benzene	0.0852	0.00100	mg/kg wet	0.100		85.2	80-120			
Toluene	0.0873	0.00100	"	0.100		87.3	80-120			
Ethylbenzene	0.0952	0.00100	"	0.100		95.2	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200		85.4	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.138		"	0.120		115	75-125			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	75-125			
Matrix Spike (P0I3009-MS1)	Sou	ırce: 0I23010-	-72	Prepared: (	09/30/20 A	nalyzed: 10	/01/20			
Benzene	0.0774	0.00100	mg/kg dry	0.100	ND	77.4	80-120			QM-0'
Toluene	0.0763	0.00100	"	0.100	ND	76.3	80-120			QM-0'
Ethylbenzene	0.0832	0.00100	"	0.100	ND	83.2	80-120			
Xylene (p/m)	0.132	0.00200	"	0.200	ND	66.2	80-120			QM-0
Xylene (o)	0.0729	0.00100	"	0.100	ND	72.9	80-120			QM-0'
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		105	75-125			
Surrogate: 4-Bromofluorobenzene	0.146		"	0.120		122	75-125			
Matrix Spike Dup (P0I3009-MSD1)	Sou	ırce: 0I23010-	-72	Prepared: (	09/30/20 A	nalyzed: 10	/01/20			
Benzene	0.0715	0.00100	mg/kg dry	0.100	ND	71.5	80-120	7.94	20	QM-0°
Toluene	0.0726	0.00100	"	0.100	ND	72.6	80-120	5.00	20	QM-0
Ethylbenzene	0.0781	0.00100	"	0.100	ND	78.1	80-120	6.30	20	QM-0
Xylene (p/m)	0.125	0.00200	"	0.200	ND	62.3	80-120	6.18	20	QM-0
Xylene (o)	0.0687	0.00100	"	0.100	ND	68.7	80-120	5.96	20	QM-0
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.137		"	0.120		115	75-125			

Permian Basin Environmental Lab, L.P.

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13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# 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 P0J0102 - *** DEFAULT PREP ***										
Blank (P0J0102-BLK1)				Prepared &	ե Analyzed:	10/01/20				
% Moisture	ND	0.1	%							
Blank (P0J0102-BLK2)				Prepared &	ն Analyzed:	10/01/20				
% Moisture	ND	0.1	%							
Blank (P0J0102-BLK3)				Prepared &	k Analyzed:	10/01/20				
% Moisture	ND	0.1	%	•	•					
Duplicate (P0J0102-DUP1)	Sou	rce: 0I30001-1	10	Prepared &	t Analyzed:	10/01/20				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P0J0102-DUP2)	Sou	rce: 0I30004-0	01	Prepared &	ն Analyzed:	10/01/20				
% Moisture	15.0	0.1	%		16.0			6.45	20	
Duplicate (P0J0102-DUP3)	Sou	rce: 0I30005-0	08	Prepared &	ն Analyzed:	10/01/20				
% Moisture	12.0	0.1	%		13.0			8.00	20	
Duplicate (P0J0102-DUP4)	Sou	rce: 0130009-0	03	Prepared &	ե Analyzed:	10/01/20				
% Moisture	7.0	0.1	%		7.0			0.00	20	
Batch P0J0703 - *** DEFAULT PREP ***										
Blank (P0J0703-BLK1)				Prepared &	ն Analyzed:	10/07/20				
Chloride	ND	1.00	mg/kg wet							
I CC (DA 10702 DC1)				Droporod 6	ե Analyzed:	10/07/20				
LCS (P0J0703-BS1)				ricpared o	c Anaryzeu.	10/0//20				

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# General Chemistry Parameters by EPA / Standard Methods - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Resuit	Limit	Units	Level	Resuit	70KEC	Lillits	KPD	Limit	notes
Batch P0J0703 - *** DEFAULT PREP ***										
LCS Dup (P0J0703-BSD1)				Prepared &	Analyzed:	10/07/20				
Chloride	410	1.00	mg/kg wet	400		103	80-120	3.94	20	
Calibration Blank (P0J0703-CCB1)				Prepared &	Analyzed:	10/07/20				
Chloride	0.00		mg/kg wet							
Calibration Blank (P0J0703-CCB2)				Prepared &	Analyzed:	10/07/20				
Chloride	0.00		mg/kg wet							
Calibration Check (P0J0703-CCV1)				Prepared: 1	0/07/20 Aı	nalyzed: 10	/08/20			
Chloride	18.4		mg/kg	20.0		91.9	0-200			
Calibration Check (P0J0703-CCV2)				Prepared &	Analyzed:	10/07/20				
Chloride	19.6		mg/kg	20.0		98.0	0-200			
Calibration Check (P0J0703-CCV3)				Prepared &	Analyzed:	10/07/20				
Chloride	19.6		mg/kg	20.0		98.0	0-200			
Matrix Spike (P0J0703-MS1)	Sour	ce: 0129001-	-07	Prepared &	Analyzed:	10/07/20				
Chloride	493	1.01	mg/kg dry	505	3.99	96.9	80-120			
Matrix Spike (P0J0703-MS2)	Sour	ce: 0I30002-	-05	Prepared &	Analyzed:	10/07/20				
Chloride	698	1.06	mg/kg dry	532	173	98.6	80-120			
Matrix Spike Dup (P0J0703-MSD1)	Sour	ce: 0129001-	-07	Prepared &	Analyzed:	10/07/20				
Chloride	494	1.01	mg/kg dry	505	3.99	96.9	80-120	0.0921	20	
Matrix Spike Dup (P0J0703-MSD2)	Sour	ce: 0130002-	-05	Prepared &	Analyzed:	10/07/20				
Chloride	685	1.06	mg/kg dry	532	173	96.2	80-120	1.83	20	

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

Fax: (432) 563-2213

# 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 P0I3002 - TX 1005										
Calibration Check (P0I3002-CCV2)				Prepared &	k Analyzed:	09/30/20				
C6-C12	512	25.0	mg/kg wet	500		102	85-115			
>C12-C28	558	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	90.8		"	100		90.8	70-130			
Surrogate: o-Terphenyl	41.6		"	50.0		83.3	70-130			
Calibration Check (P0I3002-CCV3)				Prepared &	k Analyzed:	09/30/20				
C6-C12	459	25.0	mg/kg wet	500		91.8	85-115			
>C12-C28	533	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	98.4		"	100		98.4	70-130			
Surrogate: o-Terphenyl	45.2		"	50.0		90.3	70-130			
Matrix Spike (P0I3002-MS1)	Sou	rce: 0129005-	-04	Prepared &	k Analyzed:	09/30/20				
C6-C12	967	27.2	mg/kg dry	1090	12.3	87.8	75-125			
>C12-C28	1170	27.2	"	1090	77.5	101	75-125			
Surrogate: 1-Chlorooctane	124		"	109		114	70-130			
Surrogate: o-Terphenyl	51.3		"	54.3		94.4	70-130			
Matrix Spike Dup (P0I3002-MSD1)	Sou	rce: 0129005-	-04	Prepared &	k Analyzed:	09/30/20				
C6-C12	966	27.2	mg/kg dry	1090	12.3	87.7	75-125	0.156	20	
>C12-C28	1170	27.2	"	1090	77.5	100	75-125	0.570	20	
Surrogate: 1-Chlorooctane	121		"	109		111	70-130			
Surrogate: o-Terphenyl	50.1		"	54.3		92.1	70-130			

13000 West County Road 100 Project Number: 12596
Odessa TX, 79765 Project Manager: Matt Green

Fax: (432) 563-2213

#### **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

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

	Dren	Darlor			
Report Approved By:			Date:	10/8/2020	

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.

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. Project: Centennial Tour Bus 23 State 502,601,302 Cheel

13000 West County Road 100Project Number:12596Odessa TX, 79765Project Manager:Matt Green

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.

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Received by OCD: 3/16/2021 12:00:15 AM

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210 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	NRM2019529311
District RP	
Facility ID	
Application ID	

## **Release Notification**

### **Responsible Party**

Responsible	Party: Cente	ennial Resource Pr	oduction, inc	UGR	ID: 372165	
Contact Nam	e: Jamon H	ohensee		Cont	act Telephone: 432-243-4283	
Contact emai	l: jamon.ho	hensee@cdevinc.c	com	Incid	ent # (assigned by OCD)	
Contact mail Texas 79705	ng address:	500 W. Illinois A	ve, Suite 500, M	idland		
			Location	of Releas	e Source	
Latitude 32.3	8346		(NAD 83 in <b>d</b>	Longi ecimal degrees to	ude -103.44822 5 decimal places)	
Site Name: To	our Bus 23 S	State 301H 501H 6	501H	Site 7	ype: Production Facility	
Date Release	Discovered:	6/16/20		API#	(if applicable)	
Unit Letter	Section	Township	Range	1	County	
D	23	228	34E	Lea	County	
Surface Owner	Materia	Federal Tr	Nature an	d Volume		
☑ Crude Oil	Materia	l(s) Released (Select al Volume Release	Nature an	d Volume	of Release  eccific justification for the volumes pr Volume Recovered (bb	ls)40bbls
	Materia	l(s) Released (Select al Volume Release Volume Release	Nature an  Il that apply and attace ed (bbls)40bbls ed (bbls) 400bbls	d Volume	of Release    Decific justification for the volumes properties     Volume Recovered (bb)   Volume Recovered (bb)	ls)40bbls
☑ Crude Oil ☑ Produced	Materia Water	I(s) Released (Select al Volume Release Volume Release Is the concentral produced water	Nature an  Il that apply and attace ed (bbls)40bbls ed (bbls) 400bbls tion of dissolved >10,000 mg/l?	d Volume	of Release  Decific justification for the volumes provided Volume Recovered (bb)  Volume Recovered (bb)  Yes No	ls)40bbls ls) 395bbls
<ul><li>☑ Crude Oil</li><li>☑ Produced</li><li>☐ Condensa</li></ul>	Materia Water	I(s) Released (Select al Volume Release Volume Release Is the concentral produced water Volume Release	Nature an  Il that apply and attace ed (bbls)40bbls  ed (bbls) 400bbls  tion of dissolved >10,000 mg/l?  ed (bbls)	d Volume	of Release  Decific justification for the volumes provided Volume Recovered (bb)  Volume Recovered (bb)  Yes No  Volume Recovered (bb)	ls)40bbls ls) 395bbls ls)
<ul><li></li></ul>	Materia Water te	I(s) Released (Select al Volume Release Volume Release Is the concentral produced water Volume Release	Nature an  Il that apply and attace ad (bbls) 40bbls ad (bbls) 400bbls attion of dissolved >10,000 mg/l? ad (bbls) ad (Mcf)	d Volume	of Release    Decific justification for the volumes properties of Volume Recovered (bb)   Volume Recovered (bb)   Yes No     Volume Recovered (bb)   Volume Recovered (bb)   Volume Recovered (Management)	ls) 40bbls ls) 395bbls ls) cf)
<ul><li>☑ Crude Oil</li><li>☑ Produced</li><li>☐ Condensa</li></ul>	Materia Water te	I(s) Released (Select al Volume Release Volume Release Is the concentral produced water Volume Release	Nature an  Il that apply and attace ed (bbls)40bbls  ed (bbls) 400bbls  tion of dissolved >10,000 mg/l?  ed (bbls)	d Volume	of Release  Decific justification for the volumes provided Volume Recovered (bb)  Volume Recovered (bb)  Yes No  Volume Recovered (bb)	ls) 40bbls ls) 395bbls ls) cf)

Received by OCD: 3/16/2021 12:00:15 AM
Form C-141
State of New Mexico
Oil Conservation Division

# Oil Conservation Division

	0 /
Incident ID	NRM2019529311
District RP	
Facility ID	
Application ID	

release as defined by 19.15.29.7(A) NMAC?	>25bbls	does the responsible party consider this a major release?
⊠ Yes □ No		
	otice given to the OCD? By Jim Griswold and OCD Dist	whom? To whom? When and by what means (phone, email, etc)? t1 by email on 6/17/20.
		Initial Response
The responsible	party must undertake the following o	actions immediately unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
		man health and the environment.
_	_	se of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have be	en removed and managed appropriately.
If all the actions describe	d above have <u>not</u> been under	taken, explain why:
has begun, please attach within a lined containmen	a narrative of actions to date at area (see 19.15.29.11(A)(5	ay commence remediation immediately after discovery of a release. If remediate. If remediate e. If remediate or if the release occio(a) NMAC), please attach all information needed for closure evaluation.
has begun, please attach within a lined containment I hereby certify that the informed regulations all operators are public health or the environment failed to adequately investig addition, OCD acceptance of	a narrative of actions to date at area (see 19.15.29.11(A)(5) armation given above is true and required to report and/or file cement. The acceptance of a C-14 gate and remediate contamination	e. If remedial efforts have been successfully completed or if the release occ
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has begun, please attach within a lined containment of the line of	a narrative of actions to date at area (see 19.15.29.11(A)(5) armation given above is true and required to report and/or file cement. The acceptance of a C-14 tate and remediate contamination of a C-141 report does not relieve themsee	e. If remedial efforts have been successfully completed or if the release occ (5)(a) NMAC), please attach all information needed for closure evaluation.  complete to the best of my knowledge and understand that pursuant to OCD rules and retain release notifications and perform corrective actions for releases which may endar all report by the OCD does not relieve the operator of liability should their operations he in that pose a threat to groundwater, surface water, human health or the environment. If the operator of responsibility for compliance with any other federal, state, or local large trials.  Title: Sr. Environmental Analyst  Date: 7/1/20
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has begun, please attach within a lined containment within a lined containment of the line of the line of the line of the line of the environs failed to adequately investig addition, OCD acceptance of and/or regulations.  Printed Name: Jamon Ho Signature:	a narrative of actions to date at area (see 19.15.29.11(A)(5) armation given above is true and required to report and/or file cement. The acceptance of a C-14 gate and remediate contamination of a C-141 report does not relieve thensee	e. If remedial efforts have been successfully completed or if the release occ b)(a) NMAC), please attach all information needed for closure evaluation.  complete to the best of my knowledge and understand that pursuant to OCD rules and ratain release notifications and perform corrective actions for releases which may endar report by the OCD does not relieve the operator of liability should their operations he in that pose a threat to groundwater, surface water, human health or the environment. It is the operator of responsibility for compliance with any other federal, state, or local later.  Title: Sr. Environmental Analyst  Date: 7/1/20  Telephone: 432-241-4283  Date: 7/13/2020

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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 ⅓-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information		
Topographic/Aerial maps Laboratory data including chain of custody		

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated vo and methods, anticipated timelines for beginni 19.15.29.12 NMAC, however, use of the table Released to Imaging: 6/30/2021 4:41:25 PM plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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regulations all operators are required to report and/or file certain release noti public health or the environment. The acceptance of a C-141 report by the C failed to adequately investigate and remediate contamination that pose a thre addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:

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## **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.
<ul> <li>□ Detailed description of proposed remediation technique</li> <li>□ Scaled sitemap with GPS coordinates showing delineation points</li> <li>□ Estimated volume of material to be remediated</li> <li>□ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>□ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.
Deterral Requests Only. Each of the following tiems must be confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: Title:
Signature: Date:
email: Telephone:
OCD Only
Received by: Date:
Approved Approved with Attached Conditions of Approval Denied Deferral Approved
Signature: Date:

Received by OCD: 3/16/202	1 12:00:15 AM
Form C-141	State of New Mexi
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State of New Mexico	
Oil Conservation Division	n

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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	n 19.15.29.11 NMAC
Photographs of the remediated site prior to backfi must be notified 2 days prior to liner inspection)	ill or photos of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appr	opriate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/o may endanger public health or the environment. The ac should their operations have failed to adequately investi human health or the environment. In addition, OCD acc compliance with any other federal, state, or local laws a restore, reclaim, and re-vegetate the impacted surface an	and complete to the best of my knowledge and understand that pursuant to OCD rules or file certain release notifications and perform corrective actions for releases which exceptance of a C-141 report by the OCD does not relieve the operator of liability igate and remediate contamination that pose a threat to groundwater, surface water, ceptance of a C-141 report does not relieve the operator of responsibility for und/or regulations. The responsible party acknowledges they must substantially rea to the conditions that existed prior to the release or their final land use in tion to the OCD when reclamation and re-vegetation are complete.
Printed Name:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
remediate contamination that poses a threat to groundwa	nsible party of liability should their operations have failed to adequately investigate and iter, surface water, human health, or the environment nor does not relieve the responsible al laws and/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:
Printed Name:  Released to Imaging: 6/30/2021 4:41:25 PM	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 20808

#### **CONDITIONS**

Operator:	OGRID:
CENTENNIAL RESOURCE PRODUCTION, LLC	372165
1001 17th Street, Suite 1800	Action Number:
Denver, CO 80202	20808
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
ceads	In the future, please submit a sampling plan to the division prior to submitting a closure report if the sampling does not meet requirements set in 19.15.29.12 D.(1) NMAC.	6/30/2021