

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NRM2019529311
District RP	1
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165	
Contact Name: Jamon Hohensee	Contact Telephone: 432-243-4283	
Contact email: jamon.hohensee@cdevinc.com	Incident # (assigned by OCD)	
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705		

Location of Release Source

Latitude 32.38346_

Longitude -103.44822_____ (NAD 83 in decimal degrees to 5 decimal places)

Site Name: Tour Bus 23 State 301H 501H 601H	Site Type: Production Facility
Date Release Discovered: 6/16/20	API# (if applicable)

Unit Letter	Section	Township	Range	County
D	23	228	34E	Lea

Surface Owner: State Federal Tribal Private (Name: Merchant Livestock_____

Nature and Volume of Release

🛛 Crude Oil	rial(s) Released (Select all that apply and attach calculations or speci Volume Released (bbls)40bbls	Volume Recovered (bbls)40bbls
Produced Water	Volume Released (bbls) 400bbls	Volume Recovered (bbls) 395bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
🗌 Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The water tank overflowed due to a check valve failure on the disposal line. Approximately 400bbls of pw (395bbls recovered in containment) and 40bbls of oil (40bbls recovered in containment) were released during the incident. The 5bbls of unrecovered fluid remained on the facility location and will be remediated to OCD standards. The disposal line has been repaired. A 3rd party environmental contractor has been hired to remediate the site. The volumes release were calculated using the size of the containment and a formula using the dimensions of the spill area and soil porosity.



State of New Mexico Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release? >25bbls	
🛛 Yes 🗌 No		
If YES, was immediate no Notification was given to	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Jim Griswold and OCD Dist1 by email on 6/17/20.	

Initial Response

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

The source of the release has been stopped.

It impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Jamon Hohensee

Signature: _____

Jall

Date: 7/1/20

Title: Sr. Environmental Analyst

email: jamon.hohensee@cdevinc.com

Telephone: 432-241-4283_____

OCD Only

Received by OCD: 7/1/2020 10:05:03 AM

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

Received by: Ramona Marcus

_____ Date: <u>7/13/2020</u>

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	Yes No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗆 Yes 🕅 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🕅 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🖾 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🔲 Yes 🕅 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🖄 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🖾 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🕅 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛱 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🖄 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🗗 No
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

Data table of soil contaminant concentration data

- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release

Boring or excavation logs

Photographs including date and GIS information

Topographic/Aerial maps

Laboratory data including chain of custody

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

Received by OCD: 3/16/2021 12:00:15 AM Received by OCD: 7/1/2020 10:05:03 AM

Page 4	State of New Mexico Oil Conservation Divisio	n	Incident ID District RP Facility ID Application ID	NRM2019529311
regulations all operators and public health or the environ failed to adequately invest addition, OCD acceptance and/or regulations. Printed Name:	formation given above is true and complete to t re required to report and/or file certain release r noment. The acceptance of a C-141 report by th tigate and remediate contamination that pose a t of a C-141 report does not relieve the operator Man Hohensec H. H. hensee C. devinc. com	notifications and perform c the OCD does not relieve the thereat to groundwater, surfa- to of responsibility for comp Title: <u>Sr. 15-2</u> Date: <u>3-15-2</u>	orrective actions for rele e operator of liability sho ace water, human health	ases which may endanger build their operations have or the environment. In deral, state, or local laws <u>Analyst</u>

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Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e 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 con	nfirmed 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 healt	n, the environment, or groundwater.	
I hereby certify that the information given above is true and complete rules and regulations all operators are required to report and/or file of which may endanger public health or the environment. The accepta liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local b Printed Name:	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of aws and/or regulations.	
Signature: $\underline{F} = \frac{1}{2} $	Date: <u>3-15-21</u>	
email: jamon hohensee colevine. com	Telephone: <u>432-241-4283</u>	
OCD Only		
Received by:	Date:	
Approved Approved with Attached Conditions of	Approval 🗌 Denied 🗌 Deferral Approved	
Signature:	Date:	

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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 back filling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

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

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) M

X 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 Hahensee	Title: St. Environmental Analyst
	Signature:	Date: <u>3-15-21</u>
	email: jamon. hohrnsez Q. devinc. com	Telephone: 432-241-4283
	OCD Only	
	Received by: Cristina Eads	Date:03/15/2021
24 4- E-C++-		of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
20-016	Printed Name: Cristina Eads	Date: 06/30/2021
100010	Printed Name: Cristina Eads	Title:Environmental Specialist
Received In ()(1)- 3		
Roc		



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

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Shannon M. English, P.G. Project Manager

Jur Drier

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

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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 7th-10th, and 20th 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.

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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





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

				METHODS:	SW 846-80211		re reported in mg/K	8	М	ETHOD: SW 801	5M		E 300.1
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	ТРН О RO С ₂₈ -С ₃₅	ТОТАL ТРН С ₆ -С ₃₅	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
					ļ	Bottom Hole S	Sample Results						
BH-1 @ 1'	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-2 @ 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-3 @ 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-4 @ 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	80.4
		-				Sidewall Sa	mple Results						
NSW @ 6"	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	-
SSW @ 6"	8/21/2020	< 0.00101	< 0.00101	< 0.00101	<0.00202	< 0.00101	< 0.00202	< 0.00202	<25.3	27.6	<25.3	27.6	151
ESW-1 @ 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-2 @ 6"	8/21/2020	< 0.00102	< 0.00102	< 0.00102	< 0.00204	< 0.00102	< 0.00204	< 0.00204	<25.5	32.5	<25.5	32.5	89.7
ESW-3 @ 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"	9/22/2020	-	-	-	-	-	-	-	-	-	-	-	271
ESW-4 @ 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
WSW-1 @ 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-2 @ 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-3 @ 6"	8/21/2020	< 0.00103	< 0.00103	< 0.00103	< 0.00206	< 0.00103	< 0.00206	< 0.00206	<25.8	30.4	<25.8	30.4	930
WSW-3 @ 6"	9/22/2020	-	-	-	-	-	-	-	-	-	-	-	173
WSW-4 @ 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
			1			Stockpile Sa	mple Results			1			
Stockpile	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 2	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

Bold ande Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

Released to Imaging: 6/30/2021 4:41:25 PM



















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	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	12596	
Odessa TX, 79765	Project 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
BH-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	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

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

	Reporting Limit nian Basin F	Units Environmer	Dilution	Batch	Prepared	Analyzed	Method	Note
	nian Basin F	Environmer					memou	INOLO
			tal Lab, 1	L .P.				
ND								
ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
ND	0.00200	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
ND	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
	88.0 %	75-1	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
	94.7 %	75-1	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
ndard Metho	ls							
25.9	1.10	mg/kg dry	1	P0G2013	07/20/20	07/20/20	EPA 300.0	
9.0	0.1	%	1	P0G1703	07/17/20	07/17/20	ASTM D2216	
PA Method 8)15M							
ND	27.5	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
ND	27.5	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
ND	27.5	mg/kg dry	1	P0G1608	07/16/20	07/17/20	TPH 8015M	
	101 %	70-1	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
	116 %	70-1	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
ND	27.5	mg/kg dry	1	[CALC]	07/16/20	07/17/20	calc	
	ND ND ND 25.9 9.0 PA Method 8(ND ND ND	ND 0.00100 ND 0.00200 ND 0.00100 88.0 % 94.7 % andard Methods 94.7 % andard Methods 94.7 % PA Method 8015M 0.11 PA Method 8015M 27.5 ND 27.5	ND 0.00100 mg/kg dry ND 0.00200 mg/kg dry ND 0.00100 mg/kg dry ND 0.00100 mg/kg dry 88.0 % 75-1. 94.7 % 75-1. 9.0 0.1 % PA Method 8015M ND 27.5 mg/kg dry ND 27.5 mg/kg dry	ND 0.00100 mg/kg dry 1 ND 0.00200 mg/kg dry 1 ND 0.00100 mg/kg dry 1 ND 0.00100 mg/kg dry 1 ND 0.00100 mg/kg dry 1 88.0 % 75-125 94.7 % 75-125 Indard Methods 75-125 1 1 9.0 0.1 % 1 9.0 0.1 % 1 PA Method 8015M 1 1 ND 27.5 mg/kg dry 1 101 % 70-130 1 101 %	ND 0.00100 mg/kg dry 1 P0G1603 ND 0.00200 mg/kg dry 1 P0G1603 ND 0.00100 mg/kg dry 1 P0G1603 ND 0.00100 mg/kg dry 1 P0G1603 ND 0.00100 mg/kg dry 1 P0G1603 88.0 % 75-125 P0G1603 94.7 % 75-125 P0G1603 mdard Methods P0G1603 P0G1603 PA Method 8015M P P0G1608 PA Method 8015M P P P0G1608 ND 27.5 mg/kg dry 1 P0G1608 101 % 70-130 <	ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 ND 0.00200 mg/kg dry 1 P0G1603 07/16/20 ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 88.0 % 75-125 P0G1603 07/16/20 94.7 % 75-125 P0G1603 07/16/20 mdard Methods 1 P0G2013 07/20/20 9.0 0.1 % 1 P0G1703 07/17/20 PA Method 8015M PA Method 8015M 1 P0G1608 07/16/20 ND 27.5 mg/kg dry 1 P0G1608 07/16/20 ND 27.5 mg/kg dry 1 P0G1608 07/16/20 ND 27.5 mg/kg dry 1 P0G1608 07/16/20 ND 27.5 mg/kg dry<	ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 07/16/20 ND 0.00200 mg/kg dry 1 P0G1603 07/16/20 07/16/20 ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 07/16/20 ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 07/16/20 88.0 % 75-125 P0G1603 07/16/20 07/16/20 07/16/20 94.7 % 75-125 P0G1603 07/16/20 07/16/20 mdard Methods 1 P0G2013 07/20/20 07/20/20 9.0 0.1 % 1 P0G1703 07/16/20 07/17/20 PA Method 8015M 1 P0G1608 07/16/20 07/17/20 PA Method 8015M 1 P0G1608 07/16/20 07/17/20 ND 27.5 mg/kg dry 1 P0G1608 07/16/20 07/17/20 ND 27.5 mg/kg dry 1 P0G1608	ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 EPA 8021B ND 0.00200 mg/kg dry 1 P0G1603 07/16/20 07/16/20 EPA 8021B ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 07/16/20 EPA 8021B ND 0.00100 mg/kg dry 1 P0G1603 07/16/20 07/16/20 EPA 8021B 88.0 % 75-125 P0G1603 07/16/20 07/16/20 EPA 8021B 94.7 % 75-125 P0G1603 07/16/20 07/16/20 EPA 8021B mdard Methods

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc.		Proj	ect: Centenni	al Tour Bu	us 23 State 5	502,601,302 C	Checl	Fax: (432) 56	3-2213
13000 West County Road 100		Project Num	ber: 12596						
Odessa TX, 79765		Project Mana	ger: Matt Gre	en					
		B	H-2 @ 1'						
		0G16	004-02 (Soil)						
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin H	Environment	al Lab, l	L .P.				
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 %	75-12.	5	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.2 %	75-12.	5	P0G1603	07/16/20	07/16/20	EPA 8021B	
General Chemistry Parameters by EPA / St	andard Metho	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	
Fotal Petroleum Hydrocarbons C6-C35 by	EPA Method 8()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 %	70-13)	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-13	n	P0G1608	07/16/20	07/17/20	TPH 8015M	
		114 /0	/0 150	,	1001000	0//10/20	0=0		

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			us 23 State 5	602,601,302 C	Checl	Fax: (432) 56	53-2213
			H-3 @ 1' 004-03 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Invironmen	tal Lab, l	L .P.				
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 (0)	0.00137	0.00100	mg/kg dry	1	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		86.0 %	75-12	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.8 %	75-12	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
General Chemistry Parameters by EPA / Star	idard Metho	ods							
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-C35 by EI	PA Method 8	8015M							
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 %	70-13	30	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-13	80	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 13000 West County Road 100 Odessa TX, 79765	·.	Project: Centennial Tour Bus 23 State 502,601,302 Checl Project Number: 12596 Project Manager: Matt Green						Fax: (432) 56	53-2213
			H-4 @ 1' 004-04 (Soil)						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmenta	al Lab, I	L.P.				
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 %	75-125	ī	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.3 %	75-125	ī	P0G1603	07/16/20	07/16/20	EPA 8021B	
General Chemistry Parameters by EPA /	Standard Metho	ds							
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 b	y EPA Method 8	015M							
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 %	70-130)	P0G1608	07/16/20	07/17/20	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130)	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 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana	ber: 12596		us 23 State 5	502,601,302 C	Checl	Fax: (432) 50	53-2213
			tockpile 004-05 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmer	ital Lab, I	L .P.				
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 %	75-1	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.5 %	75-1	25	P0G1603	07/16/20	07/16/20	EPA 8021B	
General Chemistry Parameters by EPA /	Standard Metho	ods							
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	
<u>Total Petroleum Hydrocarbons C6-C35 b</u>	y EPA Method 8	015M							
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	

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596		
Odessa TX, 79765	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 (C	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		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.5	75-125			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.7	75-125			

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

Organics by GC - Quality Control

Permian	Basin	Environmental	Lab, L.P	•
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		Reporting		Spike	Source		%REC		RPD	
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 &	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 &	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			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.4	75-125			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.9	75-125			

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	Project Number:	12596	
Odessa TX, 79765	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
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	
Kylene (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			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.122		98.8	75-125			

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596		
Odessa TX, 79765	Project Manager:	Matt Green		

Permian	Basin	Environmental	Lab,	L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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:	07/17/20				
% Moisture	ND	0.1	%	*	•					
Duplicate (P0G1703-DUP1)	Sou	rce: 0G16002-	-09	Prepared &	Analyzed:	07/17/20				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P0G1703-DUP2)	Sou	-ce: 0G16003-	-09	Prepared &	Analyzed:	07/17/20				
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P0G1703-DUP3)	Sou	·ce: 0G16005-	-03	Prepared &	Analyzed:	07/17/20				
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0G1703-DUP4)	Sou	·ce: 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	-					

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Matt Green		

Permian	Basin	Environmental	Lab, L.I	P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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 &	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 &	Analyzed:	07/20/20				
Chloride	0.00		mg/kg wet							
Calibration Check (P0G2013-CCV1)			Prepared & Analyzed: 07/20/20		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)	Sou	rce: 0G16003	3-10	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		mg/kg dry	521	600	87.9	80-120	1.82	20	

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Matt Green	

Permian	Basin	Environmental	Lab,	L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Itebuit	Dimit	omo	20101	Ttoball	, or the c	Linnis	10.5	2	110100
Batch P0G2013 - *** DEFAULT PREP ***										
Matrix Spike Dup (P0G2013-MSD2)	Sou	rce: 0G16003	-10	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 &	Analyzed:	07/21/20				
Chloride	425	1.00	mg/kg wet	400		106	80-120			
LCS Dup (P0G2109-BSD1)				Prepared & Analyzed: 07/21/20						
Chloride	385	1.00	mg/kg wet	400		96.2	80-120	9.92	20	
Calibration Check (P0G2109-CCV1)				Prepared & Analyzed: 07/21/20		07/21/20				
Chloride	18.9		mg/kg	20.0		94.5	0-200			
Calibration Check (P0G2109-CCV2)				Prepared &	Analyzed:	07/21/20				
Chloride	19.6		mg/kg	20.0		98.2	0-200			
Calibration Check (P0G2109-CCV3)				Prepared &	Analyzed:	07/21/20				
Chloride	18.6		mg/kg	20.0		93.1	0-200			
Matrix Spike (P0G2109-MS1)	Sou	rce: 0G16004	-04	Prepared &	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	-01	Prepared &	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	-04	Prepared &	Analyzed:	07/21/20				
Chloride	552	1.03	mg/kg dry	515	80.4	91.5	80-120	7.32	20	

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Permian	Basin	Environmental	Lab, L.P.	,
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0G2109 - *** DEFAULT PREP ***										
Matrix Spike Dup (P0G2109-MSD2)	Source: 0G16012-01		Prepared & Analyzed: 07/21/20							
Chloride	2410	6.49 m	ıg/kg dry	649	1560	130	80-120	0.495	20	QM-05

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Odessa TX, 79765	Project Manager:	Matt Green		

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										
Blank (P0G1608-BLK1)				Prepared: (07/16/20 At	nalyzed: 07	/17/20			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>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 Ai	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 Analyzed: 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: ()7/16/20 At	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			

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Odessa TX, 79765	Project Manager:	Matt Green	

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

Permian Basin Environmental Lab, L.P.

Analyte		Reporting		Spike	Source		%REC		RPD	
	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 Analyzed: 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)	Source: 0G16002-01			Prepared: 07/16/20 Analyzed: 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			Prepared: 07/16/20 Analyzed: 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			

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Odessa TX, 79765	Project Manager:	Matt Green	

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

Report Approved By:

Dup Duplicate

Sun Barron

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.

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

Date:

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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	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	12596	
Odessa TX, 79765	Project 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

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

Stockpile 0G31003-01 (Soil)

		0.001	000 01 (501	.)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	D	·							
	Perm	ian Basin F	Invironmen	tai Lab, I	L. P.				
General Chemistry Parameters by EF	A / Standard Methods								
% Moisture	2.0	0.1	%	1	P0H0402	08/04/20	08/04/20	ASTM D2216	
Total Petroleum Hvdrocarbons C6-C3	35 by EPA Method 801	5M							
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 %	70-13	0	P0G3110	07/31/20	08/01/20	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-13	0	P0G3110	07/31/20	08/01/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	3970	25.5	mg/kg dry	1	[CALC]	07/31/20	08/01/20	calc	

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
limiye	Result	Linit	Onto	Level	result	/orelle	Linits	IU D	Linit	itotes
Batch P0H0402 - *** DEFAULT PREP ***										
Blank (P0H0402-BLK1)				Prepared &	Analyzed:	08/04/20				
% Moisture	ND	0.1	%							
Blank (P0H0402-BLK2)				Prepared &	Analyzed:	08/04/20				
6 Moisture	ND	0.1	%							
Blank (P0H0402-BLK3)				Prepared &	Analyzed:	08/04/20				
% Moisture	ND	0.1	%	1						
Duplicate (P0H0402-DUP1)	Sou	rce: 0G30014-	01	Prepared &	Analyzed:	08/04/20				
% Moisture	10.0	0.1	%	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	rce: 0H03007-	03	Prepared &	Analyzed:	08/04/20				
% Moisture	7.0	0.1	%	1	7.0			0.00	20	
Duplicate (P0H0402-DUP6)	Sou	rce: 0H03007-	13	Prepared &	: Analyzed:	08/04/20				
% Moisture	2.0	0.1	%	*	2.0			0.00	20	
Duplicate (P0H0402-DUP7)	Sou	rce: 0H03011-	03	Prepared &	Analyzed:	08/04/20				
6 Moisture	6.0	0.1	%	1	6.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596		
Odessa TX, 79765	Project Manager:	Matt Green		

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0G3110 - TX 1005										
Blank (P0G3110-BLK1)				Prepared: ()7/31/20 Ai	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 Ai	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 Ai	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: ()7/31/20 Ai	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: ()7/31/20 Ai	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.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

Permian Basin Environmental Lab, L.P.

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

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596	
Odessa TX, 79765	Project 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

Barron

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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		Jan	ntennial										Stockpile	FIELD CODE	(j)			(432)230-3763	Odessa, Texas 79765		s: 13000 W CR 100	Etech Environmental and Safety Solutions, Inc.	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	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	12596	
Odessa TX, 79765	Project 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

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

NSW @ 6''

0H26005-01 (Soil)

Analyte	Result	Reporting Limit U	Jnits D	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Permia	ın Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Toluene	ND	0.00102 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Ethylbenzene	ND	0.00102 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Xylene (p/m)	ND	0.00204 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Xylene (o)	ND	0.00102 m	g/kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		88.6 %	75-125	5	P010106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.4 %	75-125	5	P0I0106	09/01/20 12:23	09/01/20 22:16	EPA 8021B	
General Chemistry Parameter	s by EPA /	Standard I	Methods						
Chloride	259		g/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	
<u>Total Petroleum Hydrocarbon</u>	<u>s C6-C35 b</u>	y EPA Met	hod 8015	М					
C6-C12	ND	25.5 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
>C12-C28	166	25.5 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
>C28-C35	50.1	25.5 m	g/kg dry	1	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
Surrogate: 1-Chlorooctane		95.4 %	70-130)	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-130)	P0H2606	08/26/20 13:00	08/26/20 23:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	216	25.5 m	g/kg dry	1	[CALC]	08/26/20 13:00	08/26/20 23:18	calc	

E Tech Environmental & Safety S 13000 West County Road 100 Odessa TX, 79765	colutions, Inc		Project N	Project: Center umber: 12596 anager: Matt C	inial Tour Bus 23 State 50	02,601,302 Checl	Fax: (432) 56	3-2213
			0 F	SSW @ 6'' [26005-02 (So	pil)			
					,			
Analyte	Result	Reporting Limit Units	5 Dilution	Batch	Prepared	Analyzed	Method	Notes
		I	Permian Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B								
Benzene	ND	0.00101 mg/kg	, dry 1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Toluene	ND	0.00101 mg/kg	g dry 1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Ethylbenzene	ND	0.00101 mg/kg	g dry 1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Xylene (p/m)	ND	0.00202 mg/kg	g dry 1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Xylene (o)	ND	0.00101 mg/kg	g dry 1	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.3 %	75-125	P0I0106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		89.1 %	75-125	P010106	09/01/20 12:23	09/01/20 22:37	EPA 8021B	
General Chemistry Parameter	s by EPA /	Standard Met	thods					
Chloride	151	1.01 mg/kg		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 Metho	d 8015M					
C6-C12	ND	25.3 mg/kg	, dry 1	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
>C12-C28	27.6	25.3 mg/kg	g dry 1	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
>C28-C35	ND	25.3 mg/kg	g dry 1	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
Surrogate: 1-Chlorooctane		92.8 %	70-130	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130	P0H2606	08/26/20 13:00	08/26/20 23:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	27.6	25.3 mg/kg	g dry 1	[CALC]	08/26/20 13:00	08/26/20 23:41	calc	

E Tech Environmental & Safety S 13000 West County Road 100 Odessa TX, 79765	olutions, Inc		5	ect Num	ject: Cente ber: 12596 ger: Matt (2,601,302 Checl	Fax: (432) 56	3-2213
					W-1 @ 6 5005-03 (S				
Analyte	Result	Reporting Limit Ur	its Dilu	ition	Batch	Prepared	Analyzed	Method	Notes
			Permian	Basin I	Environm	ental Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103 mg/	kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Toluene	ND	0.00103 mg/	kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Ethylbenzene	ND	0.00103 mg/	kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Xylene (p/m)	ND	0.00206 mg/	kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Xylene (o)	ND	0.00103 mg/	kg dry	1	P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.3 %	75-125		P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.7 %	75-125		P0I0106	09/01/20 12:23	09/01/20 22:57	EPA 8021B	
General Chemistry Parameter	s by EPA /	Standard M	ethods						
Chloride	189	1.03 mg/	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 Meth	od 8015M	[
C6-C12	ND	25.8 mg/			P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
>C12-C28	142	25.8 mg/	kg dry	1]	P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
>C28-C35	29.3	25.8 mg/	kg dry	1 1	P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
Surrogate: 1-Chlorooctane		92.8 %	70-130		P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-130		P0H2606	08/26/20 13:00	08/27/20 00:03	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	172	25.8 mg/	kg dry	1	[CALC]	08/26/20 13:00	08/27/20 00:03	calc	

E Tech Environmental & Safety S 13000 West County Road 100 Odessa TX, 79765	olutions, Inc		Project N	Project: Center umber: 12596 anager: Matt C		02,601,302 Checl	Fax: (432) 56	53-2213
				ESW-2 @ 6' 126005-04 (Se				
Analyte	Result	Reporting Limit Uni	ts Dilution	Batch	Prepared	Analyzed	Method	Notes
			Permian Basi	n Environme	ental Lab, L.P.			
BTEX by 8021B								
Benzene	ND	0.00102 mg/k	ag dry 1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Toluene	ND	0.00102 mg/k	ag dry 1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Ethylbenzene	ND	0.00102 mg/k	tg dry 1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Xylene (p/m)	ND	0.00204 mg/k	tg dry 1	P0I0106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
Xylene (o)	ND	0.00102 mg/k	tg 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	P010106	09/01/20 12:23	09/01/20 23:18	EPA 8021B	
General Chemistry Parameter	s by EPA /	Standard Me	ethods					
Chloride	89.7	1.02 mg/k		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 Metho	od 8015M					
C6-C12	ND	25.5 mg/k		P0H2606	08/26/20 13:00	08/27/20 00:25	TPH 8015M	
>C12-C28	32.5	25.5 mg/k	ag dry 1	P0H2606	08/26/20 13:00	08/27/20 00:25	TPH 8015M	
>C28-C35	ND	25.5 mg/k	ag 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 Hydrocarbon C6-C35	32.5	25.5 mg/k	ag dry 1	[CALC]	08/26/20 13:00	08/27/20 00:25	calc	

E Tech Environmental & Safety S 13000 West County Road 100 Odessa TX, 79765	olutions, Inc		5	Project: Cente Number: 12590 Manager: Matt		502,601,302 Checl	Fax: (432) 56	53-2213
				ESW-3 @ 6 0H26005-05 (8				
Analyte	Result	Reporting Limit Ur	nits Dilution	n Batch	Prepared	Analyzed	Method	Notes
			Permian Ba	isin Environm	ental Lab, L.P.			
BTEX by 8021B								
Benzene	ND	0.00105 mg	/kg dry 1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Toluene	ND	0.00105 mg	/kg dry 1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Ethylbenzene	ND	0.00105 mg	/kg dry 1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Xylene (p/m)	ND	0.00211 mg/	/kg dry 1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Xylene (o)	ND	0.00105 mg	/kg dry 1	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.4 %	75-125	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.6 %	75-125	P0I0106	09/01/20 12:23	09/01/20 23:39	EPA 8021B	
General Chemistry Parameter	s by EPA /	Standard M	ethods					
Chloride	1030	1.05 mg	/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 Meth	od 8015M					
C6-C12	ND	26.3 mg/	/kg dry 1	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
>C12-C28	ND	26.3 mg/	/kg dry 1	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
>C28-C35	ND	26.3 mg/	/kg dry 1	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
Surrogate: 1-Chlorooctane		98.4 %	70-130	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-130	P0H2606	08/26/20 13:00	08/27/20 00:48	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3 mg/	/kg dry 1	[CALC]	08/26/20 13:00	08/27/20 00:48	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety S 13000 West County Road 100 Odessa TX, 79765	Solutions, Inc	·.	Project N	Project: Center umber: 12596 anager: Matt G	inial Tour Bus 23 State 50	02,601,302 Checl	Fax: (432) 56	53-2213
				ESW-4 @ 6' 126005-06 (So				
		Reporting						
Analyte	Result	Limit Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B								
Benzene	ND	0.00103 mg/kg	dry 1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Toluene	ND	0.00103 mg/kg	dry 1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Ethylbenzene	ND	0.00103 mg/kg	dry 1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Xylene (p/m)	ND	0.00206 mg/kg	dry 1	P0I0206	09/02/20 11:10	09/02/20 16:36	EPA 8021B	
Xylene (o)	ND	0.00103 mg/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	rs by EPA /	Standard Met	hods					
Chloride	216	1.03 mg/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	
<u>Total Petroleum Hydrocarbon</u>	is C6-C35 b	y EPA Method	1 8015M					
C6-C12	ND	25.8 mg/kg	dry 1	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
>C12-C28	74.8	25.8 mg/kg	dry 1	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
>C28-C35	ND	25.8 mg/kg	dry 1	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
Surrogate: 1-Chlorooctane		91.1 %	70-130	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130	P0H2607	08/26/20 13:20	08/27/20 03:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	74.8	25.8 mg/kg	dry 1	[CALC]	08/26/20 13:20	08/27/20 03:50	calc	

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100 Odessa TX, 79765			Project N	Project: Center umber: 12596 anager: Matt C	Fax: (432) 56	53-2213		
				WSW-1 @ 6 126005-07 (Se				
Analyte	Result	Reporting Limit Units	s Dilution	Batch	Prepared	Analyzed	Method	Notes
		1	Permian Basi	n Environme	ental Lab, L.P.			
BTEX by 8021B								
Benzene	ND	0.00103 mg/kg	g dry 1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Toluene	ND	0.00103 mg/kg	g dry 1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Ethylbenzene	ND	0.00103 mg/kg	g dry 1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Xylene (p/m)	ND	0.00206 mg/kg	g dry 1	P0I0206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
Xylene (o)	ND	0.00103 mg/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	P010206	09/02/20 11:10	09/02/20 16:56	EPA 8021B	
General Chemistry Parameter	rs by EPA /	Standard Me	thods					
Chloride	172	1.03 mg/kg		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 Hydrocarbon	s C6-C35 b	y EPA Metho	1 8015M					
C6-C12	ND	25.8 mg/kg		P0H2607	08/26/20 13:20	08/27/20 04:13	TPH 8015M	
>C12-C28	268	25.8 mg/kg	g dry 1	P0H2607	08/26/20 13:20	08/27/20 04:13	TPH 8015M	
>C28-C35	42.9	25.8 mg/kg	g 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	P0H2607	08/26/20 13:20	08/27/20 04:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	311	25.8 mg/kg	g dry 1	[CALC]	08/26/20 13:20	08/27/20 04:13	calc	

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100 Odessa TX, 79765			Project N	Project: Centen Jumber: 12596 anager: Matt G	02,601,302 Checl	Fax: (432) 56	53-2213	
				WSW-2 @ 6 126005-08 (So				
Analyte	Result	Reporting Limit Un	its Dilution	Batch	Prepared	Analyzed	Method	Notes
			Permian Basi	in Environme	ntal Lab, L.P.			
BTEX by 8021B								
Benzene	ND	0.00102 mg/l	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Toluene	ND	0.00102 mg/l	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Ethylbenzene	ND	0.00102 mg/l	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Xylene (p/m)	ND	0.00204 mg/l	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Xylene (o)	ND	0.00102 mg/l	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.5 %	75-125	P0I0206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.0 %	75-125	P010206	09/02/20 11:10	09/02/20 17:16	EPA 8021B	
General Chemistry Parameter	s bv EPA /	Standard M	ethods					
Chloride	279	1.02 mg/l		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	v EPA Meth	od 8015M					
C6-C12	ND	25.5 mg/l		P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
>C12-C28	ND	25.5 mg/l	kg dry 1	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
>C28-C35	ND	25.5 mg/l	kg dry 1	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
Surrogate: 1-Chlorooctane		87.8 %	70-130	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-130	P0H2607	08/26/20 13:20	08/27/20 04:37	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5 mg/l	kg dry 1	[CALC]	08/26/20 13:20	08/27/20 04:37	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100 Odessa TX, 79765		Project N	Project: Center umber: 12596 unager: Matt C	02,601,302 Checl	Fax: (432) 56	3-2213		
L				VSW-3 @ 6 (26005-09 (Se				
			UL	120003-09 (30)II)			
Analyte	Result	Reporting Limit Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		I	ermian Basi	n Environme	ntal Lab, L.P.			
BTEX by 8021B								
Benzene	ND	0.00103 mg/kg	dry 1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Toluene	ND	0.00103 mg/kg	dry 1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Ethylbenzene	ND	0.00103 mg/kg	dry 1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Xylene (p/m)	ND	0.00206 mg/kg	dry 1	P0I0206	09/02/20 11:10	09/02/20 17:37	EPA 8021B	
Xylene (o)	ND	0.00103 mg/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 Met	hods					
Chloride	930	1.03 mg/kg		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 Metho	l 8015M					
C6-C12	ND	25.8 mg/kg	dry 1	P0H2607	08/26/20 13:20	08/27/20 05:00	TPH 8015M	
>C12-C28	30.4	25.8 mg/kg	dry 1	P0H2607	08/26/20 13:20	08/27/20 05:00	TPH 8015M	
>C28-C35	ND	25.8 mg/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 mg/kg	dry 1	[CALC]	08/26/20 13:20	08/27/20 05:00	calc	

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100 Odessa TX, 79765			Project N	Project: Center lumber: 12596 anager: Matt C	Fax: (432) 56	53-2213		
				WSW-4 @ 6 126005-10 (Se				
Analyte	Result	Reporting Limit Un	its Dilution	Batch	Prepared	Analyzed	Method	Notes
			Permian Basi	in Environme	ental Lab, L.P.			
BTEX by 8021B								
Benzene	ND	0.00101 mg/	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Toluene	ND	0.00101 mg/	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Ethylbenzene	ND	0.00101 mg/	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Xylene (p/m)	ND	0.00202 mg/	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Xylene (o)	ND	0.00101 mg/	kg dry 1	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.0 %	75-125	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.9 %	75-125	P0I0206	09/02/20 11:10	09/02/20 17:57	EPA 8021B	
General Chemistry Parameter	s by EPA /	Standard M	ethods					
Chloride	237	1.01 mg/	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	v EPA Meth	od 8015M					
C6-C12	ND	25.3 mg/	kg dry 1	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
>C12-C28	ND	25.3 mg/	kg dry 1	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
>C28-C35	ND	25.3 mg/	kg dry 1	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
Surrogate: 1-Chlorooctane		86.7 %	70-130	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
Surrogate: o-Terphenyl		97.6 %	70-130	P0H2607	08/26/20 13:20	08/27/20 05:23	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3 mg/	kg dry 1	[CALC]	08/26/20 13:20	08/27/20 05:23	calc	

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596		
Odessa TX, 79765	Project Manager:	Matt Green		

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0I0106 - General Preparation (GC)										
Blank (P0I0106-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 &	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.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

Permian	Basin	Environmental	Lab,	L.P.
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0I0106 - General Preparation (G	C)									
Calibration Blank (P0I0106-CCB2)				Prepared &	Analyzed:	09/01/20				
Benzene	0.00		mg/kg wet							
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 &	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 &	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: (9/01/20 Ai	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			
Xylene (p/m)	0.196	0.00200	"	0.200		97.8	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.7	75-125			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.2	75-125			

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

Permian Basin Environmental Lab, L.P.

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

Batch P0I0106 - General Preparation (GC)

Matrix Spike (P0I0106-MS1)	Sour	-ce: 0101007-	01	Prepared &	& Analyzed:	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		01	Prepared:	09/01/20 An	alyzed: 09	0/02/20			
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			

Batch P0I0206 - General Preparation (GC)

Surrogate: 4-Bromofluorobenzene

Blank (P0I0206-BLK1)	1	Prepared & Analyzed: 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		

"

0.132

86.1

75-125

0.114

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

Permian E	Basin	Environmental	Lab,	L.P.
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P010206 - General Preparation (GC)										
LCS (P010206-BS1)				Prepared &	Analyzed:	09/02/20				
Benzene	0.102	0.00100	mg/kg wet	0.100		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 (P0I0206-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 (P010206-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.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0I0206 - General Preparation (GC)										
Calibration Check (P0I0206-CCV3)				Prepared: (09/02/20 At	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 At	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			

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0H2701 - *** DEFAULT PREP ***										
Blank (P0H2701-BLK1)				Prepared &	Analyzed:	08/27/20				
% Moisture	ND	0.1	%							
Blank (P0H2701-BLK2)				Prepared &	Analyzed:	08/27/20				
% Moisture	ND	0.1	%							
Blank (P0H2701-BLK3)				Prepared &	Analyzed:	08/27/20				
% Moisture	ND	0.1	%							
Blank (P0H2701-BLK4)				Prepared &	Analyzed:	08/27/20				
% Moisture	ND	0.1	%							
Blank (P0H2701-BLK5)				Prepared &	Analyzed:	08/27/20				
% Moisture	ND	0.1	%							
Duplicate (P0H2701-DUP1)	Sou	rce: 0H26003-	01	Prepared &	Analyzed:	08/27/20				
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P0H2701-DUP2)	Sou	rce: 0H26005-	09	Prepared 8	Analyzed:	08/27/20				
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0H2701-DUP3)	Sou	rce: 0H26009-	07	Prepared 8	Analyzed:	08/27/20				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P0H2701-DUP4)	Sou	rce: 0H26018-	02	Prepared 8	Analyzed:	08/27/20				
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P0H2701-DUP5)	Sou	rce: 0H26022-	01	Prepared &	Analyzed:	08/27/20				
% Moisture	4.0	0.1	%	*	5.0			22.2	20	

Permian Basin Environmental Lab, L.P.

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

Permian Ba	sin Environmer	ntal Lab, L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
-	Kesuit	Liinit	Units	Level	Result	70KEC	Limits	KPD	Limit	Inotes
Batch P0H2701 - *** DEFAULT PREP ***										
Duplicate (P0H2701-DUP6)	Sou	rce: 0H26023-	-05	Prepared &	Analyzed:	08/27/20				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P0H2701-DUP7)	Sou	rce: 0H26024-	-01	Prepared &	Analyzed:	08/27/20				
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P0H2701-DUP8)	Sou	rce: 0H26024-	-11	Prepared &	Analyzed:	08/27/20				
% Moisture	13.0	0.1	%		12.0			8.00	20	
Duplicate (P0H2701-DUP9)	Sou	rce: 0H26026-	-02	Prepared &	Analyzed:	08/27/20				
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P0H2701-DUPA)	Sou	rce: 0H26026-	-12	Prepared &	Analyzed:	08/27/20				
% Moisture	13.0	0.1	%		13.0			0.00	20	
Batch P0I0103 - *** DEFAULT PREP ***										
Blank (P0I0103-BLK1)				Prepared 8	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	*	·					

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596		
Odessa TX, 79765	Project Manager:	Matt Green		

Permian Basin Environmental Lab, L.P.

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

Permian Basin Environmental Lab, L.P.

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

Permian Basin Environmental Lab, L.P.

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

Permian Basin Environmental Lab, L.P.

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

Permian Basin	Environmental Lab, L.	P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0I0107 - *** DEFAULT PREP ***										
Matrix Spike Dup (P0I0107-MSD2)	Source: 0H26019-04			Prepared: 09/01/20 Analyzed: 09/02/20						
Chloride	2890	5.32 n	ng/kg dry	532	2340	102	80-120	0.752	20	

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596		
Odessa TX, 79765	Project Manager:	Matt Green		

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0H2606 - TX 1005										
Blank (P0H2606-BLK1)				Prepared &	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 &	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.

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Anaryte	Kesuit	Limit	Units	Level	Kesun	70KEC	Limits	KPD	Limit	Inotes
Batch P0H2606 - TX 1005										
Matrix Spike (P0H2606-MS1)	Sourc	e: 0H26005	5-05	Prepared: ()8/26/20 At	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 At	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: ()8/26/20 Ai	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 Ai	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: ()8/26/20 At	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.

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

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0H2607 - TX 1005										
Calibration Check (P0H2607-CCV1)				Prepared: (08/26/20 At	nalyzed: 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 At	nalyzed: 08	/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)	Sourc	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)	Sourc	e: 0H26009	9-08	Prepared: ()8/26/20 At	nalyzed: 08	/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.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

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

Report Approved By:

Bun Barron

9/3/2020

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.

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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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	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	12596	
Odessa TX, 79765	Project 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"	0I30002-05	Soil	09/22/20 14:20	09-29-2020 16:17
Stockpile 2	0I30002-06	Soil	09/22/20 13:10	09-29-2020 16:17

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

NSW @ 6''

0I30002-01 (Soil)												
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes			
	Pern	11an Basin F	Environme	ntal Lab, 1	L. P.							
General Chemistry Parameters by EPA /	Standard Method	S										
% Moisture	4.0	0.1	%	1	P0J0102	10/01/20	10/01/20	ASTM D2216				
Total Petroleum Hydrocarbons C6-C35 b	y EPA Method 80	15M										
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				
Surrogate: o-Terphenyl		114 %	70-1	30	P0I3002	09/30/20	09/30/20	TPH 8015M				
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	09/30/20	09/30/20	calc				

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100 Odessa TX, 79765		Proje Project Numb Project Manag	er: 12596		us 23 State 5	502,601,302 C	Checl	Fax: (432) 56	53-2213
			W-1 @ 6'' 02-02 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Constant Characteria Descent dans has EDA / Stars		nian Basin E	nvironmei	ntal Lab, l	L .P.				
<u>General Chemistry Parameters by EPA / Stanc</u> % Moisture	<u>1ard Method</u> 6.0	0.1	%	1	P0J0102	10/01/20	10/01/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8()15M							
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 %	70-1	30	P0I3002	09/30/20	09/30/20	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-1	30	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. 13000 West County Road 100 Odessa TX, 79765		Project Numb	ct: Centennial Tour Bus 23 State 502,601,302 Checl Fax: (432) 563-2213 er: 12596 Fax: Green											
	ESW-3 @ 6'' 0I30002-03 (Soil)													
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes					
	Permi	an Basin E	nvironme	ntal Lab, I	L .P.									
General Chemistry Parameters by EPA / Stan	dard Methods													
Chloride % Moisture	271 10.0	1.11 0.1	mg/kg dry %	1 1	P0J0703 P0J0102	10/07/20 10/01/20	10/07/20 10/01/20	EPA 300.0 ASTM D2216						

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100 Odessa TX, 79765		Fax: (432) 56	3-2213											
			W-1 @ 6' 002-04 (Soi											
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes					
	Permian Basin Environmental Lab, L.P.													
<u>General Chemistry Parameters by EPA / Stanc</u> % Moisture	<u>lard Metho</u> 7.0	0.1	%	1	P0J0102	10/01/20	10/01/20	ASTM D2216						
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	015M												
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 %	70-1	30	P0I3002	09/30/20	09/30/20	TPH 8015M						
Surrogate: o-Terphenyl		112 %	70-1	30	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. 13000 West County Road 100 Odessa TX, 79765		Proje Project Numł roject Manag	ber: 12596		us 23 State :	502,601,302 C	Checl	Fax: (432) 50	63-2213						
	WSW-3 @ 6'' 0I30002-05 (Soil)														
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes						
	Perm	ian Basin E	nvironme	ntal Lab, I	L.P.										
General Chemistry Parameters by EPA / Stan	dard Methods														
Chloride % Moisture	173 6.0	1.06 0.1	mg/kg dry %	1 1	P0J0703 P0J0102	10/07/20 10/01/20	10/07/20 10/01/20	EPA 300.0 ASTM D2216							

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100		Proj Project Num	Fax: (432) 563-2213						
Odessa TX, 79765		Project Num Project Mana		-een					
Odessa 1A, 79765		Project Mana	ger: Matt G	een					
			ockpile 2	n,					
		0130	002-06 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Per	mian Basin H	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	
General Chemistry Parameters by EPA / St	andard Metho	ds							
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	
<u>Total Petroleum Hydrocarbons C6-C35 by l</u>	EPA Method 8	015M							
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	

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

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyta	D14	Reporting	T I !+-	Spike	Source	%REC	%REC	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0I3009 - General Preparation (G	C)									
Blank (P0I3009-BLK1)				Prepared: (09/30/20 Ar	nalyzed: 10	/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 Ar	nalyzed: 10	/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-G
LCS Dup (P0I3009-BSD1)				Prepared: (09/30/20 Ar	nalyzed: 10	/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 Ar	nalyzed: 10	/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			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.7	75-125			

Permian Basin Environmental Lab, L.P.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

BTEX by 8021B - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0I3009 - General Preparation (GC)										
Calibration Check (P0I3009-CCV2)				Prepared: (09/30/20 At	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 At	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	rce: 0I23010-	-72	Prepared: (09/30/20 At	nalyzed: 10	/01/20			
Benzene	0.0774	0.00100	mg/kg dry	0.100	ND	77.4	80-120			QM-07
Toluene	0.0763	0.00100	"	0.100	ND	76.3	80-120			QM-07
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-07
Xylene (o)	0.0729	0.00100		0.100	ND	72.9	80-120			QM-07
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	rce: 0I23010-	-72	Prepared: (09/30/20 At	nalyzed: 10	/01/20			
Benzene	0.0715	0.00100	mg/kg dry	0.100	ND	71.5	80-120	7.94	20	QM-07
Toluene	0.0726	0.00100		0.100	ND	72.6	80-120	5.00	20	QM-07
Ethylbenzene	0.0781	0.00100		0.100	ND	78.1	80-120	6.30	20	QM-07
Xylene (p/m)	0.125	0.00200		0.200	ND	62.3	80-120	6.18	20	QM-07
Xylene (o)	0.0687	0.00100		0.100	ND	68.7	80-120	5.96	20	QM-07
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.

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	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian	Basin	Environmental	Lab, L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0J0102 - *** DEFAULT PREP ***										
Blank (P0J0102-BLK1)				Prepared &	Analyzed:	10/01/20				
% Moisture	ND	0.1	%							
Blank (P0J0102-BLK2)				Prepared &	Analyzed:	10/01/20				
% Moisture	ND	0.1	%							
Blank (P0J0102-BLK3)				Prepared &	Analyzed:	10/01/20				
% Moisture	ND	0.1	%							
Duplicate (P0J0102-DUP1)	Sou	rce: 0130001-1	10	Prepared &	Analyzed:	10/01/20				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P0J0102-DUP2)	Sou	rce: 0I30004-()1	Prepared &	Analyzed:	10/01/20				
% Moisture	15.0	0.1	%		16.0			6.45	20	
Duplicate (P0J0102-DUP3)	Sou	rce: 0I30005-()8	Prepared & Analyzed: 10/01/20						
% Moisture	12.0	0.1	%		13.0			8.00	20	
Duplicate (P0J0102-DUP4)	Sou	rce: 0I30009-()3	Prepared &	Analyzed:	10/01/20				
% Moisture	7.0	0.1	%		7.0			0.00	20	
Batch P0J0703 - *** DEFAULT PREP ***										
Blank (P0J0703-BLK1)				Prepared &	Analyzed:	10/07/20				
Chloride	ND	1.00	mg/kg wet	_						
LCS (P0J0703-BS1)				Prepared &	Analyzed:	10/07/20				
Chloride	394	1.00	mg/kg wet		5	98.6	80-120			

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Odessa TX, 79765	Project Manager:	Matt Green		

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian	Basin	Environmental	Lab, L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD 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	10/07/20 Ai	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)	Sou	rce: 0I29001-	-07	Prepared &	Analyzed:	10/07/20				
Chloride	493	1.01	mg/kg dry	505	3.99	96.9	80-120			
Matrix Spike (P0J0703-MS2)	Sou	rce: 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)	Sou	rce: 0I29001-	-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)	Sou	rce: 0I30002-	-05	Prepared &	Analyzed:	10/07/20				
Chloride	685	1.06	mg/kg dry	532	173	96.2	80-120	1.83	20	

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Matt Green	

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 &	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 &	د 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 &	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: 0I29005	-04	Prepared &	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			

Permian Basin Environmental Lab, L.P.

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

Notes and Definitions

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

Report Approved By:

Sun Barron

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.

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

Date:

E Tech Environmental & Safety Solutions, Inc.	Project:	Centennial Tour Bus 23 State 502,601,302 Checl	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	12596	
Odessa TX, 79765	Project Manager:	Matt Green	

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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

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Incident ID	NRM2019529311
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165				
Contact Name: Jamon Hohensee	Contact Telephone: 432-243-4283				
Contact email: jamon.hohensee@cdevinc.com	Incident # (assigned by OCD)				
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705					

Location of Release Source

Latitude 32.38346

Longitude -103.44822 (NAD 83 in decimal degrees to 5 decimal places)

Site Name: Tour Bus 23 State 301H 501H 601H	Site Type: Production Facility
Date Release Discovered: 6/16/20	API# (if applicable)

Unit Letter	Section	Township	Range	County
D	23	228	34E	Lea

Surface Owner: State Federal Tribal Private (Name: Merchant Livestock_

Nature and Volume of Release

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

	Volume Released (bbls)40bbls	Volume Recovered (bbls)40bbls
Produced Water	Volume Released (bbls) 400bbls	Volume Recovered (bbls) 395bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
remained on the facility environmental contractor	location and will be remediated to OCD standards. Th	ed during the incident. The 5bbls of unrecovered fluid ne disposal line has been repaired. A 3 rd party lease were calculated using the size of the containmen

<i>ceived by OCD: 3/16/2021</i> orm C-141	State of New Mexico	Lusidant ID	Page 9
age 2	Oil Conservation Division	Incident ID	INKI/2019329311
.50		District RP	
		Facility ID	
		Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC? Yes No	If YES, for what reason(s) does the responsible par >25bbls		
	otice given to the OCD? By whom? To whom? Wh Jim Griswold and OCD Dist1 by email on 6/17/20.	en and by what means (phone, e	email, etc)?
	Initial Respons	e	
The responsible	party must undertake the following actions immediately unless the	v could create a safety hazard that wou	ld result in iniurv

96

\bowtie The source of the release has been stopped.	
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The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name:	Jamon	Hohensee
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Title: Sr. Environmental Analyst

Date: 7/1/20

Telephone: 432-241-4283

Date: 7/13/2020

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State of New Mexico Oil Conservation Division

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Incident ID	
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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

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Form C-141	State of New Mexico	Incident ID	
Page 4 Oil	Oil Conservation Division	District RP	
Page 4		Facility ID	
		Application ID	
public health or the enviro failed to adequately inves addition, OCD acceptance and/or regulations.	onment. The acceptance of a C-141 report by the C tigate and remediate contamination that pose a thr	ifications and perform corrective actions for releases DCD does not relieve the operator of liability should eat to groundwater, surface water, human health or th responsibility for compliance with any other federal, Title:	their operations have e environment. In state, or local laws
Signature:		Date:	
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OCD Only Received by:		Date:	

State of New Mexico ge 5 Oil Conservation Divis Remediation Plan Checklist: Each of the following items must Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation particulated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.2 Proposed schedule for remediation (note if remediation plan Deferral Requests Only: Each of the following items must be	tion diation P st be included in oints 29.12(C)(4) NM timeline is more	Plan the plan.	it RP y ID ation ID
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eferral Requests Only. Fach of the following items must be	confirmed as n		
reneral Requests Only. Each of the jouowing tients must be	conjumea as pa	urt of any request fo	or deferral of remediation.
Contamination must be in areas immediately under or around leconstruction.	d production equ	ipment where reme	diation could cause a major facility
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human he	alth, the environ	ment, or groundwat	er.
urface water, human health or the environment. In addition, OC esponsibility for compliance with any other federal, state, or loc printed Name:			•
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State of New Mexico Oil Conservation Division

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Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: _____ Title: _____ Signature: Date: email: _____ Telephone: _____

OCD Only

Received by: _____

Date: _____

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

party of compliance with any other rederal, state, of local laws and/of regul	lations.
Closure Approved by:	Date:
	Dute
Printed Name:	Title:

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

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

District III

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

District IV

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

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

CONDITIONS

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

CONDITIONS

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Action 20808