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

Incident ID	nAPP2132339581
District RP	
Facility ID	
Application ID	

Closure

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

A scaled site and sampling diagram as described in 19.15.29.11 N	MAC
Photographs of the remediated site prior to backfill or photos of the must be notified 2 days prior to liner inspection)	he liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC Dis	strict office must be notified 2 days prior to final sampling)
Description of remediation activities	
Signature: Mill Mill Date Date Date Date Date Date Date Date	ease notifications and perform corrective actions for releases which 141 report by the OCD does not relieve the operator of liability atte contamination that pose a threat to groundwater, surface water, 141 report does not relieve the operator of responsibility for s. The responsible party acknowledges they must substantially ons that existed prior to the release or their final land use in when reclamation and re-vegetation are complete. Sr. Environmental Representative
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of lie remediate contamination that poses a threat to groundwater, surface water party of compliance with any other federal, state, or local laws and/or rep	r, human health, or the environment nor does not relieve the responsible
	Date:08/29/2022
Closure Approved by:	Title: Environmental Specialist A
O right of the control of the contro	
Received by OCD:	•
Kec.	•



REMEDIATION SUMMARY AND SITE CLOSURE REQUEST REPORT

Centennial Resource Development, Inc.
Winnebago CTB Flare Release
Lea County, New Mexico
Unit Letter "N", Section 30, Township 22 South, Range 35 East
Latitude 32.357295° North, Longitude 103.407784° West
NMOCD Incident #: nAPP2132339581

Prepared For:

Centennial Resource Development, Inc.

500 W. Illinois Avenue Suite 500 Midland, TX 79701

Prepared By:

Etech Environmental & Safety Solutions, Inc.

P.O. Box 62228 Midland, Texas 79711

August 2022

Wesley Desilets Project Manager Jeffrey Kindley, P.G. Senior Project Manager

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APPENDICES

- Appendix A Release Notification and Corrective Action (Form C-141) (#nAPP2132339581)
- Appendix B Groundwater Data Maps and Supporting Water Well Data
- Appendix C Laboratory Analytical Reports
- Appendix D Site Photographs
- Appendix E NMOCD Email Extension

INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Centennial Resource Development, Inc. (Centennial), has prepared this *Remediation Summary and Site Closure Request Report* for the Release Site known as Winnebago CTB Flare Release. The legal description of the Release Site is Unit Letter "N", Section 30, Township 22 South, Range 35 East, in Lea County, New Mexico. The Release Site GPS coordinates are 32.357295° North and 103.407784° West. Please reference Figure 1 for the Topographic Map.

On November 18, 2021, a reportable release was discovered by Centennial at the Winnebago CTB (Release Site). The release was the result of a back pressure regulator failure from the heater treater which spilled over into the flare line causing a small flare fire. The fire was self-extinguished due to low volume and lack of fuel. Approximately two (2) barrels of crude oil was released with zero (0) barrels recovered, resulting in a net loss of approximately two (2) barrels of crude oil. On November 24, 2021, Centennial filed a *Release Notification and Corrective Action Form* (Form C-141) with the New Mexico Oil Conservation Division (NMOCD) documenting the release. The Form C-141 is provided as Appendix A.

NMOCD SITE CLASSIFICATION

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and karst status and follow the criteria in the revised August 2018 Title 19 Chapter 15 part 29 New Mexico Administrative Code (19.15.29 NMAC) regulations. Groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE), New Mexico Bureau of Geology & Mineral Resources (NMBGMR), and United State Geological Survey (USGS) were accessed to determine if any registered water wells were located within a half-mile of the site. None of the databases identified any water wells within a 1/2-mile radius of However, the closest water well found in the USGS database is water well 322238103225201 located approximately two (2) miles northeast of the Release Area. The average depth to groundwater for USGS Well # 322238103225201 should be encountered at approximately seventy-eight (78) ft below ground surface (bgs). No water wells or surface water were observed within one thousand (1,000) ft of the release. In addition, the site is listed as being in a low potential Karst Topography region. See Figure 2 Aerial Proximity Map and Appendix B for maps, along with water well data, detailing the site relative to groundwater well locations. Based on the NMOCD site classification system, the following soil remediation levels were assigned to the Winnebago CTB Flare Release Site:

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

SOIL REMEDIATION AND DELINEATION ACTIVITIES

On December 15, 2021, Etech commenced excavation and delineation activities at the Release Site utilizing heavy equipment and manual means. Excavation activities were conducted in a manner that protected the integrity of the production equipment. Etech hand spotted around all the surface

equipment and excavated by hand all impacted material within two (2) feet of any production equipment. During excavation activities, a secondary (non-reportable) release occurred in the vicinity of the flare during flare troubleshooting activities. Excavation and sampling activities continued through January 6, 2022. Soil samples were submitted to Permian Basin Environmental Labs, LP. (PBELAB) in Midland, Texas for analysis of Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) using EPA Method SW 846-8021B, Total Petroleum Hydrocarbons (TPH) using EPA Method SW 846-8015M, and Chlorides using EPA Method E-300.0. The analytical results are provided as Table 1 and Table 2 Concentrations of BTEX, TPH and Chloride in Soil with sampling locations provided on Figure 3 Site and Sample Location Map - Delineation. Based on the initial sampling activities, it was determined that Benzene and total BTEX were not constituents of concern for the Release Site.

On January 13, 2022, Etech and Centennial representatives met at the Release Site to conduct a sampling event with the landowner's representative. Following the on-site meeting, the landowner representative requested further investigation activities at the Release Site.

On January 19, 2022, Etech utilized a hand auger to collect seventy-four (74) delineation soil samples at varying depths based on field observations from within the release area. The soil samples were submitted to PBELAB for analysis of chlorides and TPH. See Table 1 for delineation sampling results and Appendix C for laboratory analytical.

On February 16, 2022, Centennial submitted a *Remediation Workplan and Extension Request*, for the Winnebago CTB Flare Release. On February 18, 2022, the NMOCD sent an email granting an extension of the remediation for an additional sixty (60) days. See Appendix E for NMOCD email granting the extension and approval of the Remediation Workplan.

REMEDIATION ACTIVITIES AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Based on the January 19, 2022, soil sampling analytical results, Etech began excavation activities on February 9, 2022. Utilizing field chloride tests strips along with olfactory senses, the site was excavated to dimensions of approximately one hundred-seventy (170) feet long by eight (8) to thirty (30) feet wide (average width of eighteen [18] ft) to a maximum depth of four (4) feet bgs. The surface area of the excavation was approximately 3,060 square feet. Approximately 324 cubic yards of soils were generated from the excavation and stockpiled on plastic awaiting disposal at an NMOCD approved facility.

After excavation activities on March 3, 2022, Etech was onsite to collect fifteen (15) five (5) point composite bottom samples (Comp-1 through Comp-15) within every two hundred (200) ft.². The soils were then placed into a laboratory-provided sample containers, labeled, stored on ice, and transported under proper chain-of-custody documentation to PBELAB. The soil samples were analyzed for TPH, BTEX and Chlorides. See Figure 4 Site and Sample Location Map - Delineation for sample locations. The Benzene, total BTEX, and TPH concentrations were below the NMOCD standards for all samples analyzed. The chloride concentrations were below the NMOCD standard of 600 milligrams per kilogram (mg/Kg) for all samples analyzed with the exception of soil sample Comp-6 @ 36" with a concentration of 724 mg/Kg.

On April 5, 2022, after further excavation in the vicinity of sample Comp-6 @ 36", a second soil sample Comp-6 @ 4' was collected and submitted for analysis of chlorides to PBELAB. The

chloride concentration for Comp-6 @ 4' was 73.3 mg/Kg. See Table 3 for Primary Release Confirmation Sample Results and Appendix C for Laboratory Analytical. Photographic documentation for the Winnebago CTB Flare is provided in Appendix D.

SOIL DISPOSITION AND BACKFILL ACTIVITIES

Between May 5, 2022 and May 12, 2022, approximately 324 cubic yards of impacted soil was transported off-site for disposal at Owl Disposal in Lea County New Mexico. The site was then backfilled utilizing locally sourced non-impacted soils and the site recontoured. Waste Manifests are available upon request.

SITE CLOSURE REQUEST

Based on the analytical results of confirmation soil samples collected from the excavation, the site has been remediated to within NMOCD standards. Etech, on behalf of Centennial, respectfully request that the NMOCD District 1 Office grant site closure to the Winnebago CTB Flare Release Site (NMOCD Incident ID: nAPP2132339581). See attached C-141 Closure attached to the front of this report.

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 the documents or statements is true and accurate. Etech has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. This report has been prepared for the benefit of Centennial Resource Development, Inc. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Etech and/or Centennial Resource Development, Inc.

DISTRIBUTION

Copy 1: New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1

1625 N. French Drive Hobbs, New Mexico 88240

Copy 2: Nikki Mishler

Centennial Resource Development, Inc.

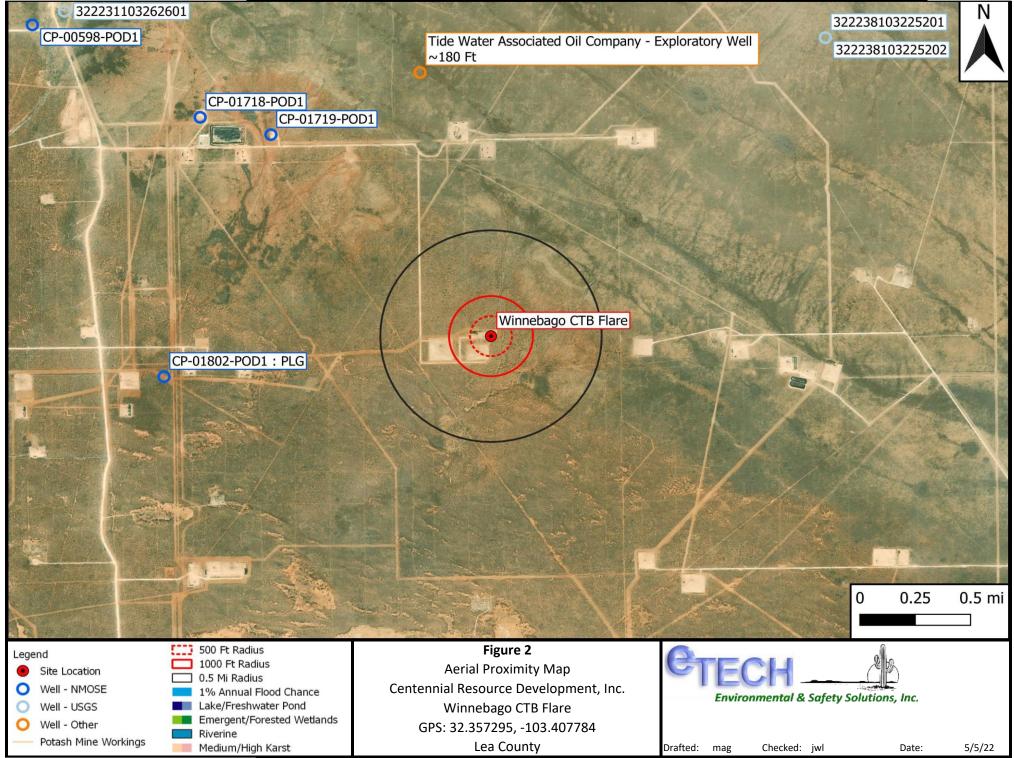
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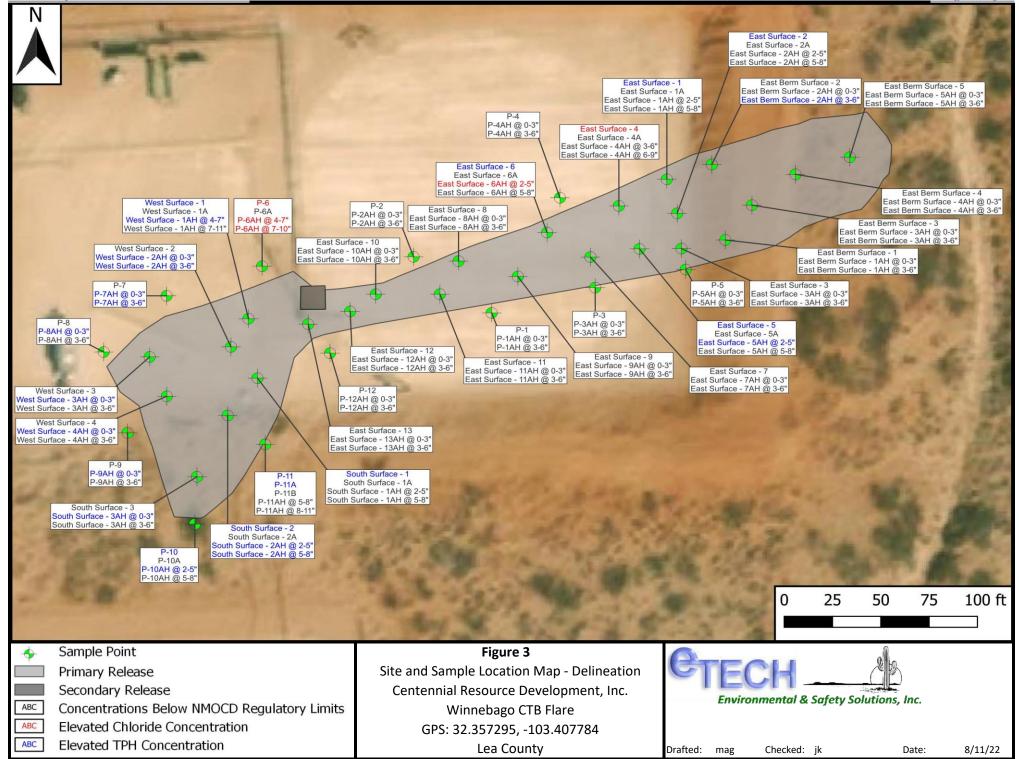
Midland, TX 79701

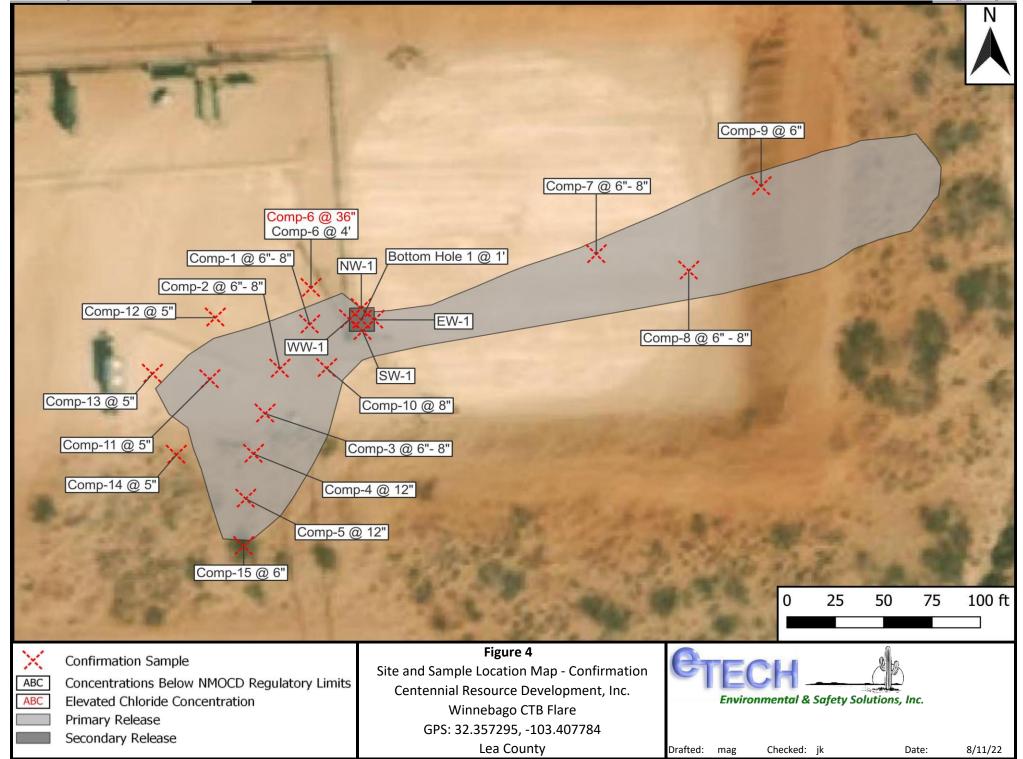
Copy 3: Etech Environmental & Safety Solutions, Inc.

P.O. Box 62228 Midland, TX 79711

FIGURES







TABLES

TABLE 1

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO CTB FLARE RELEASE SITE

LEA COUNTY, NEW MEXICO
All concentrations are reported in mg/Kg

	0.13 FD7 F			METH	ODS: SW 84	6-8021B			МЕТНОГ	D: SW 8015M		E 300.0	
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	$\begin{array}{cc} \text{TPH} & \text{GRO} \\ \text{C}_6\text{-C}_{12} \end{array}$	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDI
Limits		10 mg/Kg	-	-	-	-	-	50 mg/Kg		-	-	100 mg/Kg	600 mg/Kg
					E	ast Surface Sa	mple Results						
East Surface - 1	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	295	77.6	372.6	517
East Surface - 1A	1/4/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
East Surface - 1AH @ 2-5"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	135
East Surface - 1AH @ 5-8"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	81.5
East Surface - 2	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	587	150	737	165
East Surface - 2A	1/4/2022	-	-	-	-	1	-	1	ND	ND	ND	ND	-
East Surface - 2AH @ 2-5"	1/19/2022	-	-	-	-	1	-	1	ND	ND	ND	ND	71.0
East Surface - 2AH @ 5-8"	1/19/2022	-	-	-	-	-	-	-	ND	44.3	ND	44.3	48.8
East Surface - 3	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	198
East Surface - 3AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	200
East Surface - 3AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	183
East Surface - 4	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	39.3	ND	39.3	663
East Surface - 4A	1/4/2022	-	-	-	-	-	-	-	-	-	-	-	37.5
East Surface - 4AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	41.5	ND	41.5	63.5
East Surface - 4AH @ 6-9"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	40.1
East Surface - 5	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	154	ND	154	253
East Surface - 5A	1/4/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
East Surface - 5AH @ 2-5"	1/19/2022	-	-	-	-	-	-	-	ND	110	ND	110	82.3
East Surface - 5AH @ 5-8"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	62.4
East Surface - 6	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	132	ND	132	76.6
East Surface - 6A	1/4/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
East Surface - 6AH @ 2-5"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	2,130
East Surface - 6AH @ 5-8"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	75.3
East Surface - 7	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.9
East Surface - 7AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	70.1
East Surface - 7AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	35.5
East Surface - 8	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	114
East Surface - 8AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	63.4
East Surface - 8AH @ 3-6"	1/19/2022	_	_	_	-	_	-	-	ND	ND	ND	ND	41.5

TABLE 1

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO CTB FLARE RELEASE SITE

LEA COUNTY, NEW MEXICO
All concentrations are reported in mg/Kg

				METH	ODS: SW 84	6-8021B				METHOI): SW 8015M		E 300.0
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	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDE
Limits		10 mg/Kg	-	-	-	-	-	50 mg/Kg	-	-	-	100 mg/Kg	600 mg/Kg
East Surface - 9	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.5
East Surface - 9AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	11.1
East Surface - 9AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	57.3
East Surface - 10	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.9
East Surface - 10AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	69.1
East Surface - 10AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	30.6
East Surface - 11	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65.7
East Surface - 11AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	48.9
East Surface - 11AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	19.8
East Surface - 12	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	69.8
East Surface - 12AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	37.8
East Surface - 12AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	28.3
East Surface - 13	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	88.0	ND	88.0	149
East Surface - 13AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	129
East Surface - 13AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	74.4
		T	ı				Sample Result						
East Berm Surface - 1	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	29.7	ND	29.7	6.92
East Berm Surface - 1AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	33.2	ND	33.2	17.9
East Berm Surface - 1AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	3.97
East Berm Surface - 2	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.26
East Berm Surface - 2AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	60.0	ND	60.0	15.4
East Berm Surface - 2AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	210	54.9	264.9	23.4
East Berm Surface - 3	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.63
East Berm Surface - 3AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	3.99
East Berm Surface - 3AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	2.80
East Berm Surface - 4	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.57
East Berm Surface - 4AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	13.2
East Berm Surface - 4AH @ 3-6"	1/19/2022	-	-	-	-	-	1	-	ND	ND	ND	ND	5.22

TABLE 1

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO CTB FLARE RELEASE SITE

LEA COUNTY, NEW MEXICO
All concentrations are reported in mg/Kg

	G. 3 CD 7 C			METH	ODS: SW 84	6-8021B				METHOI	9: SW 8015M		E 300.0
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	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDE
Limits		10 mg/Kg	-	-	-	-	-	50 mg/Kg	-	-	-	100 mg/Kg	600 mg/Kg
East Berm Surface - 5	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.48
East Berm Surface - 5AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	5.09
East Berm Surface - 5AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	3.76
		1			1	est Surface Sa	· •						
West Surface - 1	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	646	132	778	157
West Surface - 1A	1/4/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Surface - 1AH @ 4-7"	1/19/2022	-	-	-	-	-	-	-	43.9	66.1	ND	110.0	83.6
West Surface - 1AH @ 7-11"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	49.6
West Surface - 2	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	301
West Surface - 2AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	585	1,100	191	1,876	139
West Surface - 2AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	839	1,780	402	3,021	191
West Surface - 3	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	52.3	ND	52.3	278
West Surface - 3AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	246	43.3	289.3	161
West Surface - 3AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	61.9	ND	61.9	170
West Surface - 4	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	38.4	ND	38.4	264
West Surface - 4AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	109	ND	109	200
West Surface - 4AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	31.9	ND	31.9	106.0
					Sor	uth Surface Sa	ample Results						
South Surface - 1	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	521	116	637	243
South Surface - 1A	1/4/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
South Surface - 1AH @ 2-5"	1/19/2022	-	-	-	-	-	-	-	25.3	ND	ND	25.3	29.6
South Surface - 1AH @ 5-8"	1/19/2022	-	-	-	-	-	-	-	27.2	ND	ND	27.2	34.1
South Surface - 2	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	194	47.7	241.7	58.1
South Surface - 2A	1/4/2022	-	-	-	-	-	-	-	ND	60.9	ND	60.9	-
South Surface - 2AH @ 2-5"	1/19/2022	-	-	-	-	-	-	-	ND	258	37.0	295.0	115
South Surface - 2AH @ 5-8"	1/19/2022	-	-	-	-	-	-	-	ND	122	ND	122	82.1
South Surface - 3	12/15/2021	ND	ND	ND	ND	ND	ND	ND	ND	83.2	ND	83.2	23.8
South Surface - 3AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	27.6	118	ND	145.6	38.4
South Surface - 3AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	53.5	ND	53.5	19.2

TABLE 1

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO CTB FLARE RELEASE SITE

LEA COUNTY, NEW MEXICO
All concentrations are reported in mg/Kg

				METH	ODS: SW 84	6-8021B				METHOL	D: SW 8015M		E 300.0
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	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDE
Limits		10 mg/Kg	-	-	-	-	-	50 mg/Kg	-	-	-	100 mg/Kg	600 mg/Kg
					ı ı	Perimeter Sam	ple Results						
P-1	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	278
P-1AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	69.9
P-1AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	36.8	ND	ND	36.8	47.9
P-2	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54.7
P-2AH @ 0-3"	1/19/2022	-	-	-	-	1	-	-	49.9	ND	ND	49.9	164
P-2AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	27.5	ND	ND	27.5	46.2
P-3	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.2
P-3AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	26.7	ND	ND	26.7	56.2
P-3AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	25.8	ND	ND	25.8	48.0
P-4	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	96.6
P-4AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	31.7	ND	ND	31.7	148
P-4AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	26.9	ND	ND	26.9	79.0
P-5	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200
P-5AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	63.0
P-5AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	46.9
P-6	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
P-6A	1/4/2022	-	-	-	-	-	-	-	-	-	-	-	282
P-6AH @ 4-7"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	998
P-6AH @ 7-10"	1/19/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	621
P-7	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	31.9	ND	31.9	560
P-7AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	647	67.4	714.4	298
P-7AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	174	ND	174	240
P-8	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	503
P-8AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	131	ND	131	79.9
P-8AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	92.2	ND	92.2	88.1
P-9	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.4
P-9AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	398	50.3	448.3	61.8
P-9AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	77.8	ND	77.8	13.2

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TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL PRIMARY RELEASE DELINEATION SAMPLE RESULTS

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO CTB FLARE RELEASE SITE

LEA COUNTY, NEW MEXICO

				METH	ODS: SW 840	6-8021B				МЕТНОІ): SW 8015M		E 300.0
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	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDE
Limits		10 mg/Kg	-	-	-	-		50 mg/Kg	-			100 mg/Kg	600 mg/Kg
P-10	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	115	31.7	146.7	33.6
P-10A	1/4/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
P-10AH @ 2-5"	1/19/2022	-	-	-	-	-	-	-	ND	156	25.6	181.6	29.2
P-10AH @ 5-8"	1/19/2022	-	-	-	-	-	-	-	ND	43.4	ND	43.4	17.0
P-11	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	107	ND	107	47.8
P-11A	1/4/2022	-	-	-	-	-	-	-	32.1	622	121	775.1	-
P-11B	1/6/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
P-11AH @ 5-8"	1/19/2022	-	-	-	-	-	-	-	ND	48.8	ND	48.8	37.8
P-11AH @ 8-11"	1/19/2022	-	-	-	-	-	-	-	ND	32.0	ND	32.0	33.5
P-12	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.0
P-12AH @ 0-3"	1/19/2022	-	-	-	-	-	-	-	ND	69.5	ND	69.5	22.3
P-12AH @ 3-6"	1/19/2022	-	-	-	-	-	-	-	ND	38.6	ND	38.6	25.8
				•		Stockpile Sam	ple Results						
Stockpile-1	12/17/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.5
Stockpile	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	90.5	ND	90.5	24.5

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

"ND" denotes analyte not detected above laboratory method detection limit.

'-'' denotes analyte not analyzed.

TABLE 2

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

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO CTB FLARE RELEASE SITE

LEA COUNTY, NEW MEXICO

	G L D EDY E			METH	ODS: SW 84	6-8021B		METHOD: SW 8015M					
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	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDE
Limits		10 mg/Kg	-	-	-	-	-	50 mg/Kg	-	-	-	100 mg/Kg	600 mg/Kg
						East Surface S	Sample Results						
Bottom Hole 1 @ 1'	12/17/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	159
NW-1	12/17/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.3
SW-1	12/17/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.8
EW-1	12/17/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.8
WW-1	12/17/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.3
STOCKPILE-1	12/17/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.5

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

[&]quot;ND" denotes analyte not detected above laboratory method detection limit.

[&]quot;-" denotes analyte not analyzed.

TABLE 3

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO CTB FLARE RELEASE SITE

LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

				METH	ODS: SW 84	6-8021B				МЕТНОІ	D: SW 8015M		E 300.0
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	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDE
Limits		10 mg/Kg	-	-	-	-	-	50 mg/Kg	-	-	-	100 mg/Kg	600 mg/Kg
						East Surface S	Sample Results						
Comp-1 @ 6"- 8"	3/3/2022	ND	0.00718	0.00192	0.00029	ND	0.00290	0.00939	ND	ND	ND	ND	6.47
Comp-2 @ 6"- 8"	3/3/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3
Comp-3 @ 6"- 8"	3/3/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.2
Comp-4 @ 12"	3/3/2022	ND	0.00202	ND	ND	ND	ND	0.00202	ND	ND	ND	ND	7.19
Comp-5 @ 12"	3/3/2022	ND	0.00265	ND	ND	ND	ND	0.00265	ND	ND	ND	ND	3.77
Comp-6 @ 36"	3/3/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	724
Comp-6 @ 4'	4/5/2022	-	-	-	-	-	-	-	-	-	-	-	73.3
Comp-7 @ 6"- 8"	3/3/2022	ND	0.00468	0.00239	0.00370	0.00106	0.00476	0.01183	ND	ND	ND	ND	56.7
Comp-8 @ 6" - 8"	3/3/2022	ND	0.00311	0.00149	0.00247	ND	0.00247	0.00707	ND	ND	ND	ND	55.1
Comp-9 @ 6"	3/3/2022	0.00142	0.0127	0.00206	0.00291	ND	0.00291	0.01909	ND	ND	ND	ND	3.75
Comp-10 @ 8"	3/3/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.1
Comp-11 @ 5"	3/3/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.57
Comp-12 @ 5"	3/3/2022	ND	0.00156	ND	ND	ND	ND	0.00156	ND	ND	ND	ND	147
Comp-13 @ 5"	3/3/2022	ND	0.00145	ND	ND	ND	ND	0.00145	ND	ND	ND	ND	112
Comp-14 @ 5"	3/3/2022	ND	0.00419	0.00152	0.00210	ND	0.00210	0.00781	ND	ND	ND	ND	8.75
Comp-15 @ 6"	3/3/2022	ND	0.00138	ND	ND	ND	ND	0.00138	ND	ND	ND	ND	3.90

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

[&]quot;ND" denotes analyte not detected above laboratory method detection limit.

[&]quot;-" denotes analyte not analyzed.

APPENDIX A

Release Notification and Corrective Action (Form C-141) (nAPP2132339581)

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III
1000 Rio Brazos Road, Aztec, NM 87410
District III 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

PP2116049360	
FZ110049300	NA
	12110049300

Release Notification

Responsible Party

			Ites	ponsti	oic i ai i	$\mathcal{F}_{\mathbf{y}}$		
Responsible	Party: Cent	ennial Resource P	roduction, Inc		OGRID: 372165			
Contact Nan	ne: Montgor	nery Floyd			Contact Telephone: 432-315-0123			
Contact ema	ail: Montgon	nery.floyd@cdevi	nc.com		Incident #	nAPP2132339581		
Contact mai Texas 79705	ling address	: 500 W. Illinois A	ve, Suite 500, Mi	idland				
			Location	of Re	elease S	ource		
Latitude 32.3	3 5625 6_ 3 _	,357295	(NAD 83 in de] ecimal degr	Longitude - rees to 5 decin	-103.4 0202200_407784_NM nal places)		
Site Name: W	Vinnebago C	TB			Site Type: Production Facility			
Date Release	Discovered	: 11-18-21			API# (if applicable) 30025485720000			
Unit Letter Section Township Range				1	County			
PN	30	22S	35E	Lea	a			
Surface Owner	r: State	Federal T	ribal Private (1	Name:	Merche	ant NM Livestock Co.		
			Nature and	d Volu	ıme of F	Release		
Mala	Materia	(s) Released (Select al	I that apply and attach	calculatio	ns or specific	justification for the volumes provided below)		
Crude Oil		Volume Release	d (bbls) 8 2 4		Volume Recovered (bbls)0			
Produced Water Volume Released (bbls)					Volume Recovered (bbls)			
Is the concentration of dissolved chlorid produced water >10,000 mg/l?					in the Yes No			
Condensa	te	Volume Release				Volume Recovered (bbls)		
Natural G	☐ Natural Gas Volume Released (Mcf)					Volume Recovered (Mcf)		

Cause of Release:

Other (describe)

Due to a back pressure regulator failure the heater treater spilled over into the flare line causing a small flare fire. The fire was self extinguished due to low volume and lack of fuel. All equipment has been repaired and is back in service. Site will be remediated to state standards. Volumes were justified by production volume monitoring systems.

Volume/Weight Recovered (provide units)

Volume/Weight Released (provide units)

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Form	C-141
Page 2	

Incident ID	nAPP213233958
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release? Fire on location
☑ Yes ☐ No	
ISVEQ	
Montgomery Floyd email	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? led OCDOnline & Mike Bratcher on 11-19-21 at 11:00am CST.
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ase has been stopped.
The impacted area has	s been secured to protect human health and the environment.
Released materials ha	ve been contained via the use of berms or dikes, absorbent pads, or other containment devices.
	coverable 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) NM.	AC the responsible party may commence remediation immediately after discovery of a release. If remediation
within a fined containment	narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred t area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
public health or the environm failed to adequately investiga	mation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and equired to report and/or file certain release notifications and perform corrective actions for releases which may endanger tent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have te and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Montgomer	Floyd Title: Sr. Environmental Analyst
Signature:	Date: 11-24-21
email: Montgomery.floyd(Ocdevinc.com Telephone: 432-315-0123
Revised by	Nikki Mishler 2/16/22 philu Mobile
OCD Only	
Received by:	Date:

Incident ID	nAPP2132339581
District RP	
Facility ID	
Application 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?	
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes 🛛 No

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

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

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

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

Incident ID	nAPP2132339581
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	occident of the control of the contr
Printed Name: Nikki Mishler Signature: Mtchi Mishler e Cdevinc.com	Title: Sr. Environment al Representative Date: 2/16/22 Telephone: 432-634-8722
OCD Only	
Received by: Jocelyn Harimon	Date: 08/23/2022

Incident ID	nAPP2132339581	
District RP		-
Facility ID		
Application ID		

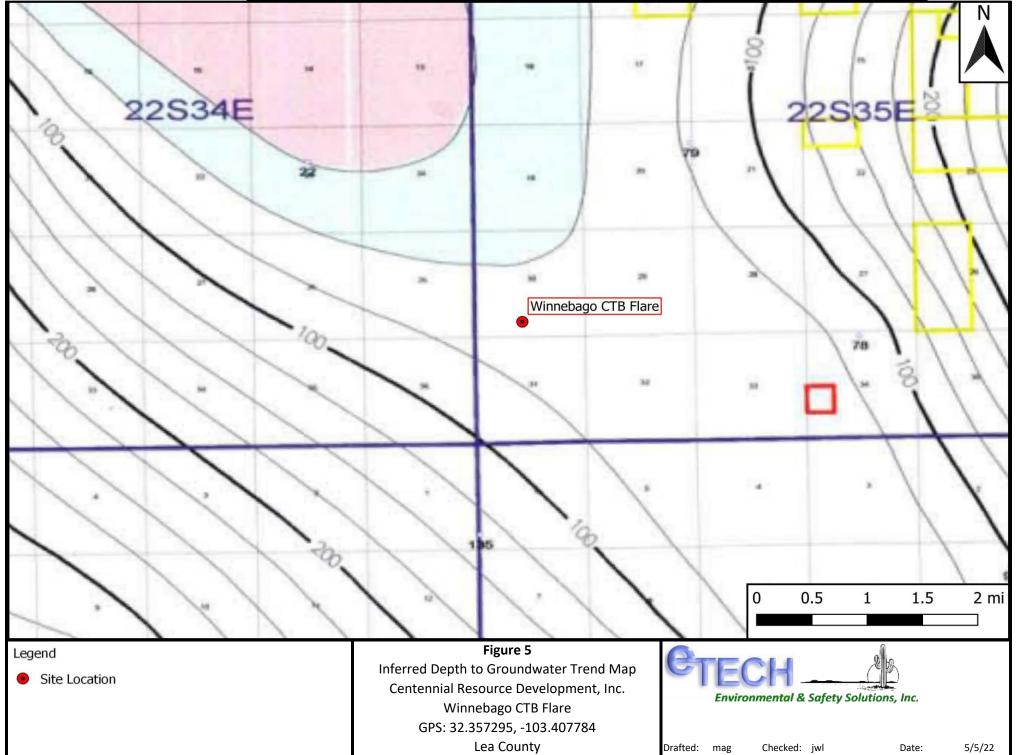
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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: Nikki Mishler Title: Sr. Environental Regesentative
Signature: Date: 2 16 202
email: Nikki Mishlere Colevine com Telephone: 432-634-8722
OCD Only
Received by:Jocelyn Harimon Date:Date:
Approved Approved with Attached Conditions of Approval Denied Deferral Approved
Signature: Date:

APPENDIX B

Groundwater Data Maps and Supporting Water Well Data





New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD

		Sub-		Q	Q	Q								,	Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DistanceDe	pthWellDep	thWater (Column
<u>CP 01719 POD1</u>		CP	LE	4	4	3	24	22S	34E	648215	3582680	2211	1173	838	335
CP 01802 POD1		CP	LE	2	2	2	35	22S	34E	647437	3580847	2397	200	0	200
<u>CP 01718 POD1</u>		CP	LE	2	3	3	24	22S	34E	647700	3582811	2686	1172	855	317

Average Depth to Water:

564 feet

Minimum Depth:

0 feet

Maximum Depth:

855 feet

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 649815.48 **Northing (Y):** 3581154.53 **Radius:** 3220

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

5/5/22 7:39 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

 Well Tag
 POD Number
 Q64 Q16 Q4
 Sec
 Tws
 Rng

 NA
 CP 01718 POD1
 2
 3
 3
 24
 22S
 34E

X Y

22S 34E 647700 3582811

Driller Name: CORKY GLENN

Log File Date:06/10/2019PCW Rcv Date:Source:ArtesianPump Type:Pipe Discharge Size:Estimated Yield:120 GPMCasing Size:8.13Depth Well:1172 feetDepth Water:855 feet

Water Bearing Stratifications:

Top Bottom Description

800 855 Sandstone/Gravel/Conglomerate
855 918 Sandstone/Gravel/Conglomerate
950 1139 Sandstone/Gravel/Conglomerate

Top Bottom
752 1172

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

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

 Well Tag
 POD Number
 Q64 Q16 Q4 Sec
 Tws
 Rng
 X
 Y

 NA
 CP 01719 POD1
 4 4 3 24 228 34E 648215 3582680
 648215 3582680

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

Driller Name: GLENN, CLARK A."CORKY", CE

Log File Date:06/10/2019PCW Rcv Date:Source:ArtesianPump Type:Pipe Discharge Size:Estimated Yield:100 GPMCasing Size:8.00Depth Well:1173 feetDepth Water:838 feet

X	Water Bearing Stratifications:	Top	Bottom	Description
		826	857	Shale/Mudstone/Siltstone
		857	953	Shale/Mudstone/Siltstone
		953	1150	Sandstone/Gravel/Conglomerate
		1150	1173	Shale/Mudstone/Siltstone
X	Casing Perforations:	Тор	Bottom	
		753	1173	

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

5/5/22 7:39 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

Y

22472 CP 01802 POD1

2 2 2 35 22S 34E

X 647437

3580847

Driller License:

1706

Driller Company:

ELITE DRILLERS CORPORATION

Driller Name:

13.7

WALLACE, BRYCE J.LEE.NER

Drill Start Date:

11/07/2019

Drill Finish Date:

11/09/2019

Plug Date:

Log File Date:

02/03/2020

PCW Rcv Date:

Depth Well:

Source:

Estimated Yield:

Pump Type: Casing Size:

Pipe Discharge Size:

200 feet

Depth Water:

0 feet

Water Bearing Stratifications:

4.00

Top Bottom Description

105

160

185 Other/Unknown

Casing Perforations:

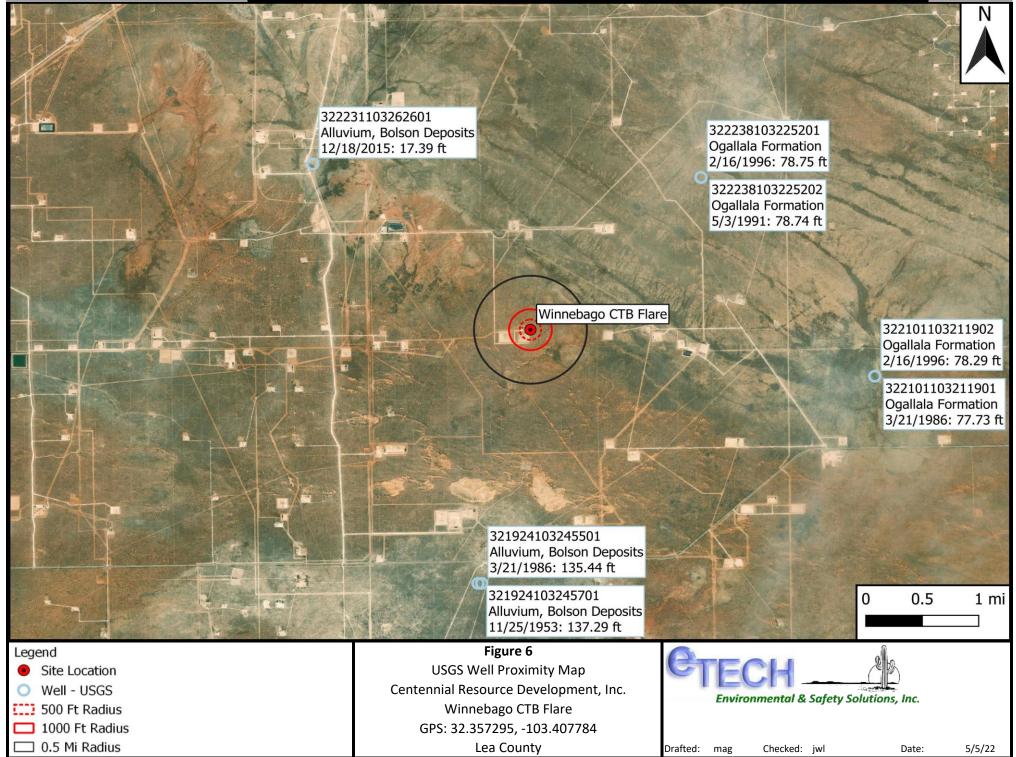
Top Bottom

200

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

5/5/22 7:39 AM

POINT OF DIVERSION SUMMARY





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USGS Water Resources	Data Category:		Geographic Area:		
	Groundwater	~	United States	•	GO

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Search Results -- 1 sites found

Agency code = usgs **site_no list** = • 321924103245501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

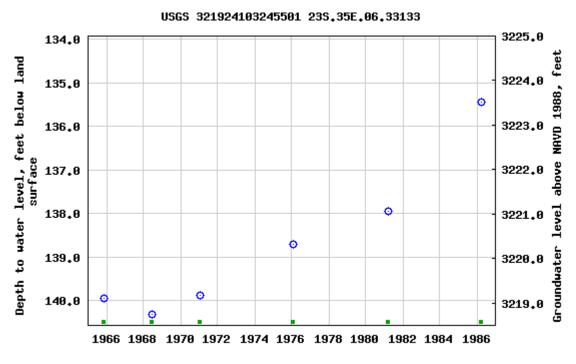
USGS 321924103245501 23S.35E.06.33133

Available data for this site Groundwater: Field measurements

Output formats

GO

<u>Table of data</u>	
<u>Tab-separated data</u>	
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Reselect period	



- Period of approved data

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

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0.66 0.6 nadww01





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USGS Water Resources	Data Category:		Geographic Area:		
0303 Water Resources	Groundwater	~	United States	•	GO

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Agency code = usgs **site_no list** = • 321924103245701

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USGS 321924103245701 23S.34E.01.44244

Available data for this site Groundwater: Field measurements

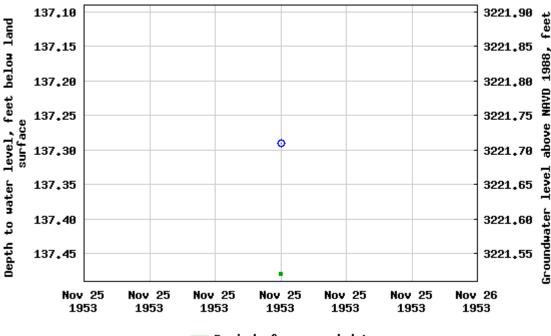
Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°19'24", Longitude 103°24'57" NAD27
Land-surface elevation 3,359 feet above NAVD88
The depth of the well is 144 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits
(110AVMB) local aquifer.

Output formats

GO

<u>Table of data</u>	
<u>Tab-separated data</u>	
Graph of data	
Reselect period	

USGS 321924103245701 235,34E,01,44244



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0.61 0.55 nadww01





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USGS Water Resources	Data Category:		Geographic Area:		
0505 Water Resources	Groundwater	~	United States	~	GO

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Search Results -- 1 sites found

Agency code = usgs **site_no list** = • 322101103211901

Minimum number of levels = 1

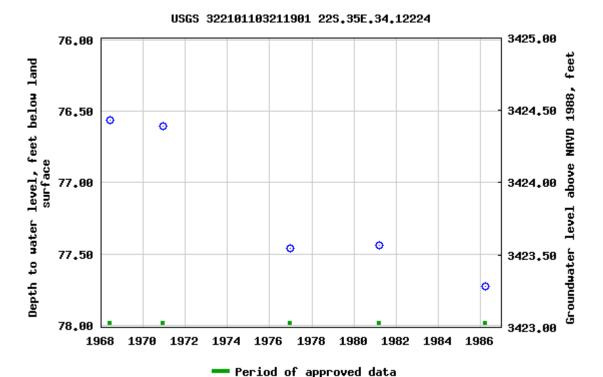
Save file of selected sites to local disk for future upload

USGS 322101103211901 22S.35E.34.12224

Available data for this site	Groundwater:	Field measurements	→ GO
Lea County, New Mexico			
Hydrologic Unit Code 1307	0007		
Latitude 32°21'01", Longit	ude 103°2:	l'19" NAD27	
Land-surface elevation 3,5	01 feet abo	ve NAVD88	
The depth of the well is 98	feet below	land surface.	
This well is completed in th	e Other aq	uifers (N9999OTh	HER) national aquifer.
This well is completed in th	ie Ogallala	Formation (1210	GLL) local aquifer.

Output formats

<u>Table of data</u>	
<u>Tab-separated data</u>	
Graph of data	
Reselect period	



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0.64 0.56 nadww01





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oodo water resources	Groundwater	~	United States	~	GO	

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Search Results -- 1 sites found

Agency code = usgs **site_no list =** • 322101103211902

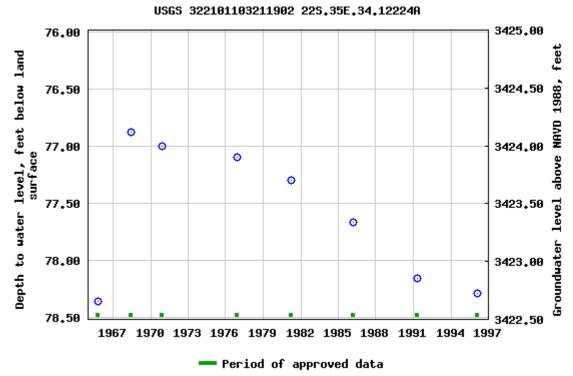
Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322101103211902 22S.35E.34.12224A

Available data for this site	Groundwater:	Field measurements	∨	
Lea County, New Mexico				
Hydrologic Unit Code 13070)007			
Latitude 32°21'01", Longitude	ude 103°2	1'19" NAD27		
Land-surface elevation 3,50)1 feet abo	ve NAVD88		
This well is completed in the	e Other aq	uifers (N9999OTh	HER) national aquife	r.
This well is completed in the	e Ogallala	Formation (1210)	GLL) local aquifer.	

Table of data Tab-separated data Graph of data



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0.63 0.56 nadww01





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	Groundwater ~	United States	~] [GO

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Search Results -- 1 sites found

Agency code = usgs site_no list = • 322231103262601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322231103262601 22S.34E.23.23131

Available data for this site Groundwater: Field measurements

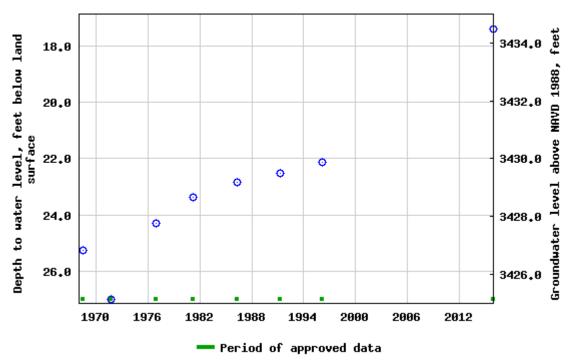
Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'47.6", Longitude 103°26'25.3" NAD83
Land-surface elevation 3,452 feet above NAVD88
The depth of the well is 60 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed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

Output formats

GO

Table of data	
<u>Tab-separated data</u>	
Graph of data	
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USGS 322231103262601 225.34E.23.23131



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0.57 0.5 nadww01





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USGS Water Resources	Data Category:	Geographic Area:			
USGS Water Resources	Groundwater ~	United States	~] [GO	

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Agency code = usgs site_no list = • 322238103225201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322238103225201 22S.35E.20.22442

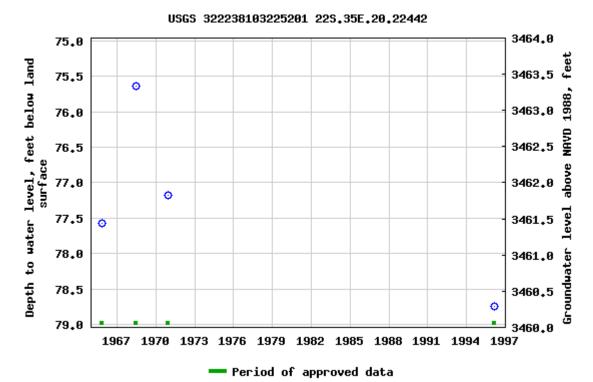
Available data for this site Groundwater: Field measurements

GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'38", Longitude 103°22'52" NAD27
Land-surface elevation 3,539 feet above NAVD88
This well is completed in the Other aquifers (N99990THER) national aquifer.
This well is completed in the Ogallala Formation (1210GLL) local aquifer.

Output formats

Table of data	
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Graph of data	
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0.59 0.5 nadww01





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USGS Water Resources	Data Category:	Geographic Area:		
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Agency code = usgs **site_no list** = • 322238103225202

Minimum number of levels = 1

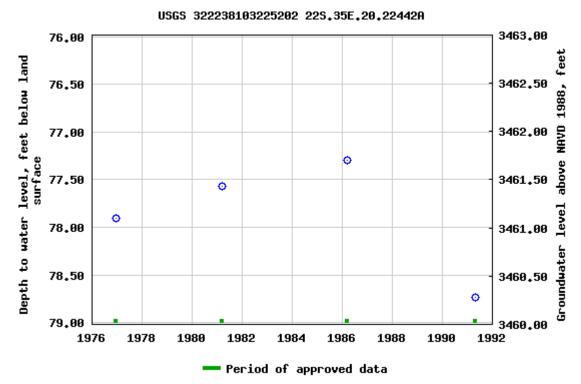
Save file of selected sites to local disk for future upload

USGS 322238103225202 22S.35E.20.22442A

Available data for this site	Groundwater:	Field measurements	∨	
Lea County, New Mexico				
Hydrologic Unit Code 1307	0007			
Latitude 32°22'38", Longit	ude 103°22	2'52" NAD27		
Land-surface elevation 3,5	39 feet abo	ve NAVD88		
The depth of the well is 96	feet below	land surface.		
This well is completed in th	e Other aq	uifers (N9999OTI	HER) natior	nal aquifer.
This well is completed in th	ie Ogallala	Formation (1210	GLL) local a	aquifer.

Output formats

<u>Table of data</u>	
<u>Tab-separated data</u>	
Graph of data	
Reselect period	



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0.53 0.48 nadww01



APPENDIX C

Laboratory Analytical Reports

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



Analytical Report

Prepared for:

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

Project: Winnebago CTB Flare
Project Number: 15278
Location: Lea County, NM

Lab Order Number: 1L17007



Current Certification

Report Date: 12/22/21

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
East Surface - 1	1L17007-01	Soil	12/15/21 09:00	12-17-2021 10:38
East Surface - 2	1L17007-02	Soil	12/15/21 09:15	12-17-2021 10:38
East Surface - 3	1L17007-03	Soil	12/15/21 09:30	12-17-2021 10:38
East Surface - 4	1L17007-04	Soil	12/15/21 09:45	12-17-2021 10:38
East Surface - 5	1L17007-05	Soil	12/15/21 09:55	12-17-2021 10:38
East Surface - 6	1L17007-06	Soil	12/15/21 10:05	12-17-2021 10:38
East Surface - 7	1L17007-07	Soil	12/15/21 10:25	12-17-2021 10:38
East Surface - 8	1L17007-08	Soil	12/15/21 10:35	12-17-2021 10:38
East Surface - 9	1L17007-09	Soil	12/15/21 10:42	12-17-2021 10:38
East Surface - 10	1L17007-10	Soil	12/15/21 10:50	12-17-2021 10:38
East Surface - 11	1L17007-11	Soil	12/15/21 11:00	12-17-2021 10:38
East Surface - 12	1L17007-12	Soil	12/15/21 11:10	12-17-2021 10:38
East Surface - 13	1L17007-13	Soil	12/15/21 11:20	12-17-2021 10:38
East Berm Surface - 1	1L17007-14	Soil	12/15/21 12:00	12-17-2021 10:38
East Berm Surface - 2	1L17007-15	Soil	12/15/21 13:00	12-17-2021 10:38
East Berm Surface - 3	1L17007-16	Soil	12/15/21 13:10	12-17-2021 10:38
East Berm Surface - 4	1L17007-17	Soil	12/15/21 13:20	12-17-2021 10:38
East Berm Surface - 5	1L17007-18	Soil	12/15/21 13:30	12-17-2021 10:38
West Surface - 1	1L17007-19	Soil	12/15/21 14:10	12-17-2021 10:38
West Surface - 2	1L17007-20	Soil	12/15/21 14:00	12-17-2021 10:38
West Surface - 3	1L17007-21	Soil	12/15/21 13:50	12-17-2021 10:38
West Surface - 4	1L17007-22	Soil	12/15/21 13:40	12-17-2021 10:38
South Surface - 1	1L17007-23	Soil	12/15/21 11:30	12-17-2021 10:38
South Surface - 2	1L17007-24	Soil	12/15/21 11:40	12-17-2021 10:38
South Surface - 3	1L17007-25	Soil	12/15/21 11:50	12-17-2021 10:38
P-1	1L17007-26	Soil	12/16/21 13:00	12-17-2021 10:38
P-2	1L17007-27	Soil	12/16/21 13:05	12-17-2021 10:38
P-3	1L17007-28	Soil	12/16/21 13:10	12-17-2021 10:38
P-4	1L17007-29	Soil	12/16/21 13:15	12-17-2021 10:38
P-5	1L17007-30	Soil	12/16/21 13:20	12-17-2021 10:38
P-6	1L17007-31	Soil	12/16/21 13:25	12-17-2021 10:38
P-7	1L17007-32	Soil	12/16/21 13:30	12-17-2021 10:38
P-8	1L17007-33	Soil	12/16/21 13:35	12-17-2021 10:38
P-9	1L17007-34	Soil	12/16/21 13:40	12-17-2021 10:38

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P-10	1L17007-35	Soil	12/16/21 13:45	12-17-2021 10:38
P-11	1L17007-36	Soil	12/16/21 13:50	12-17-2021 10:38
P-12	1L17007-37	Soil	12/16/21 13:55	12-17-2021 10:38

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.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 1 1L17007-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
-	Result	- Dimit	Omo	Dilution	Daten	Tropured	y 20u		110101
		P	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 06:57	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 06:57	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 06:57	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 06:57	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 06:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.7 %	80-120		P1L1704	12/17/21 12:48	12/18/21 06:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.7 %	80-120		P1L1704	12/17/21 12:48	12/18/21 06:57	EPA 8021B	
General Chemistry Parameters by	EPA / Stanc	dard Met	hods						
Chloride	517	5.10	mg/kg dry	5	P1L2001	12/20/21 08:03	12/20/21 12:55	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 16:20	TPH 8015M	
>C12-C28	295	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 16:20	TPH 8015M	
>C28-C35	77.6	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 16:20	TPH 8015M	
Surrogate: 1-Chlorooctane		133 %	70-130		P1L1707	12/17/21 16:39	12/18/21 16:20	TPH 8015M	S-GC1
Surrogate: o-Terphenyl		141 %	70-130		P1L1707	12/17/21 16:39	12/18/21 16:20	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	373	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 16:20	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 2 1L17007-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
-	Result	Limit	Omo	Diration	Dutell	Tropured			11010.
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:00	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:00	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:00	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:00	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.0 %	80-120		P1L1704	12/17/21 12:48	12/18/21 08:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.4 %	80-120		P1L1704	12/17/21 12:48	12/18/21 08:00	EPA 8021B	
General Chemistry Parameters by	FPA / Stanc	lard Mat	hods						
Chloride	165	1.02	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 13:14	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 16:44	TPH 8015M	
>C12-C28	587	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 16:44	TPH 8015M	
>C28-C35	150	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 16:44	TPH 8015M	
Surrogate: 1-Chlorooctane		141 %	70-130		P1L1707	12/17/21 16:39	12/18/21 16:44	TPH 8015M	S-GC1
Surrogate: o-Terphenyl		153 %	70-130		P1L1707	12/17/21 16:39	12/18/21 16:44	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	737	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 16:44	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 3 1L17007-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian Ba	asin Envir	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:22	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:22	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:22	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:22	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.9 %	80-120		P1L1704	12/17/21 12:48	12/18/21 08:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.2 %	80-120		P1L1704	12/17/21 12:48	12/18/21 08:22	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Metl	hods						
Chloride	198	5.10	mg/kg dry	5	P1L2001	12/20/21 08:03	12/21/21 08:58	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
otal Petroleum Hydrocarbons C6	5-C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 17:53	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 17:53	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 17:53	TPH 8015M	
Surrogate: 1-Chlorooctane		117 %	70-130		P1L1707	12/17/21 16:39	12/18/21 17:53	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P1L1707	12/17/21 16:39	12/18/21 17:53	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 17:53	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 4 1L17007-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
-	ixesuit	Lillit	Omts	Dilution	Daten	Tieparea	7 mary 200	111cmod	1,010.
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:43	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:43	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:43	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:43	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 08:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1L1704	12/17/21 12:48	12/18/21 08:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.8 %	80-120		P1L1704	12/17/21 12:48	12/18/21 08:43	EPA 8021B	
General Chemistry Parameters by	FPA / Stand	lard Mat	hods						
Chloride	663	10.2	mg/kg dry	10	P1L2001	12/20/21 08:03	12/20/21 14:30	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 18:17	TPH 8015M	
>C12-C28	39.3	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 18:17	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 18:17	TPH 8015M	
Surrogate: 1-Chlorooctane		144 %	70-130		P1L1707	12/17/21 16:39	12/18/21 18:17	TPH 8015M	S-GC
Surrogate: o-Terphenyl		154 %	70-130		P1L1707	12/17/21 16:39	12/18/21 18:17	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	39.3	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 18:17	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 5 1L17007-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:04	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:04	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:04	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:04	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.4 %	80-120	· <u></u>	P1L1704	12/17/21 12:48	12/18/21 09:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1L1704	12/17/21 12:48	12/18/21 09:04	EPA 8021B	
General Chemistry Parameters by 1	EPA / Stand	lard Metl	hods						
Chloride	253	5.10	mg/kg dry	5	P1L2001	12/20/21 08:03	12/20/21 15:27	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
otal Petroleum Hydrocarbons C6-	C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 18:40	TPH 8015M	
>C12-C28	154	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 18:40	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 18:40	TPH 8015M	
Surrogate: 1-Chlorooctane		121 %	70-130		P1L1707	12/17/21 16:39	12/18/21 18:40	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P1L1707	12/17/21 16:39	12/18/21 18:40	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	154	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 18:40	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 6 1L17007-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Lillit	Omis	Dilution	Datell	ricpared	2 mary zea	111ctilou	rtotes
		P	ermian B	asin Envii	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:26	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:26	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:26	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:26	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1L1704	12/17/21 12:48	12/18/21 09:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.6 %	80-120		P1L1704	12/17/21 12:48	12/18/21 09:26	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	76.6	1.02	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 15:46	EPA 300.0	·
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:03	TPH 8015M	
>C12-C28	132	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:03	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:03	TPH 8015M	
Surrogate: 1-Chlorooctane		131 %	70-130		P1L1707	12/17/21 16:39	12/18/21 19:03	TPH 8015M	S-GC1
Surrogate: o-Terphenyl		139 %	70-130		P1L1707	12/17/21 16:39	12/18/21 19:03	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	132	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 19:03	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 7 1L17007-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
•	resurt	- Limit		2 Hation	- Duton	. Toparou	,		
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:47	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:47	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:47	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:47	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 09:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1L1704	12/17/21 12:48	12/18/21 09:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.1 %	80-120		P1L1704	12/17/21 12:48	12/18/21 09:47	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	33.9	1.02	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 16:05	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:26	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:26	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:26	TPH 8015M	
Surrogate: 1-Chlorooctane		140 %	70-130		P1L1707	12/17/21 16:39	12/18/21 19:26	TPH 8015M	S-GC
Surrogate: o-Terphenyl		146 %	70-130		P1L1707	12/17/21 16:39	12/18/21 19:26	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 19:26	cale	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 8 1L17007-08 (Soil)

Amalarta		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:08	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:08	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:08	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:08	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1L1704	12/17/21 12:48	12/18/21 10:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.4 %	80-120		P1L1704	12/17/21 12:48	12/18/21 10:08	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	114	1.02	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 16:24	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:50	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:50	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 19:50	TPH 8015M	
Surrogate: 1-Chlorooctane		129 %	70-130		P1L1707	12/17/21 16:39	12/18/21 19:50	TPH 8015M	
Surrogate: o-Terphenyl		135 %	70-130		P1L1707	12/17/21 16:39	12/18/21 19:50	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 19:50	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 9 1L17007-09 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:30	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:30	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:30	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:30	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.5 %	80-120		P1L1704	12/17/21 12:48	12/18/21 10:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1L1704	12/17/21 12:48	12/18/21 10:30	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	79.5	1.02	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 16:43	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:13	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:13	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:13	TPH 8015M	
Surrogate: 1-Chlorooctane		132 %	70-130		P1L1707	12/17/21 16:39	12/18/21 20:13	TPH 8015M	S-GC1
Surrogate: o-Terphenyl		142 %	70-130		P1L1707	12/17/21 16:39	12/18/21 20:13	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 20:13	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 10 1L17007-10 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		Po	ermian Ba	asin Envii	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00120	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:51	EPA 8021B	
Toluene	ND	0.00120	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:51	EPA 8021B	
Ethylbenzene	ND	0.00120	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:51	EPA 8021B	
Xylene (p/m)	ND	0.00241	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:51	EPA 8021B	
Xylene (o)	ND	0.00120	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 10:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1L1704	12/17/21 12:48	12/18/21 10:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.2 %	80-120		P1L1704	12/17/21 12:48	12/18/21 10:51	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	<u>lard Me</u> tl	10ds						
Chloride	50.9	1.20	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 17:02	EPA 300.0	
% Moisture	17.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
otal Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	30.1	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:36	TPH 8015M	
>C12-C28	ND	30.1	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:36	TPH 8015M	
>C28-C35	ND	30.1	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:36	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P1L1707	12/17/21 16:39	12/18/21 20:36	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P1L1707	12/17/21 16:39	12/18/21 20:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	30.1	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 20:36	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 11 1L17007-11 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 11:12	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 11:12	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 11:12	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 11:12	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1L1704	12/17/21 12:48	12/18/21 11:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.6 %	80-120		P1L1704	12/17/21 12:48	12/18/21 11:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.8 %	80-120		P1L1704	12/17/21 12:48	12/18/21 11:12	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	65.7	1.03	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 17:21	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:59	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:59	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 20:59	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P1L1707	12/17/21 16:39	12/18/21 20:59	TPH 8015M	
Surrogate: o-Terphenyl		127 %	70-130		P1L1707	12/17/21 16:39	12/18/21 20:59	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 20:59	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 12 1L17007-12 (Soil)

Analyte	D 1	Reporting	TT '4	D'1 4'	D (1	D 1	Amalyzad	Method	No4
mare	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:03	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:03	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:03	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:03	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1L1708	12/17/21 14:56	12/18/21 14:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.5 %	80-120		P1L1708	12/17/21 14:56	12/18/21 14:03	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	69.8	1.06	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 17:40	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EPA	Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 21:22	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 21:22	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1L1707	12/17/21 16:39	12/18/21 21:22	TPH 8015M	
Surrogate: 1-Chlorooctane		158 %	70-130		P1L1707	12/17/21 16:39	12/18/21 21:22	TPH 8015M	S-GC1
Surrogate: o-Terphenyl		167 %	70-130		P1L1707	12/17/21 16:39	12/18/21 21:22	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	12/17/21 16:39	12/18/21 21:22	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 13 1L17007-13 (Soil)

Analyte		Reporting						36.4.1	37.
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envii	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:24	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:24	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:24	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:24	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.4 %	80-120		P1L1708	12/17/21 14:56	12/18/21 14:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1L1708	12/17/21 14:56	12/18/21 14:24	EPA 8021B	
General Chemistry Parameters by 1	EPA / Stand	lard Metl	hods						
Chloride	149	1.03	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 17:59	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 06:41	TPH 8015M	
>C12-C28	88.0	25.8	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 06:41	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 06:41	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1L1709	12/17/21 16:43	12/18/21 06:41	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-130		P1L1709	12/17/21 16:43	12/18/21 06:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	88.0	25.8	mg/kg dry	1	[CALC]	12/17/21 16:43	12/18/21 06:41	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface - 1 1L17007-14 (Soil)

Analyte		Reporting						36.4.1	3.7 .
Anaryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envii	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:46	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:46	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:46	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:46	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 14:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.6 %	80-120		P1L1708	12/17/21 14:56	12/18/21 14:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1L1708	12/17/21 14:56	12/18/21 14:46	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	6.92	1.01	mg/kg dry	1	P1L2002	12/20/21 08:14	12/20/21 13:13	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:04	TPH 8015M	
>C12-C28	29.7	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:04	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:04	TPH 8015M	
Surrogate: 1-Chlorooctane		120 %	70-130		P1L1709	12/17/21 16:43	12/18/21 07:04	TPH 8015M	
Surrogate: o-Terphenyl		127 %	70-130		P1L1709	12/17/21 16:43	12/18/21 07:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	29.7	25.3	mg/kg dry	1	[CALC]	12/17/21 16:43	12/18/21 07:04	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface - 2 1L17007-15 (Soil)

A1		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:07	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:07	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:07	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:07	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1L1708	12/17/21 14:56	12/18/21 15:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.4 %	80-120		P1L1708	12/17/21 14:56	12/18/21 15:07	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	8.26	1.01	mg/kg dry	1	P1L2002	12/20/21 08:14	12/20/21 13:28	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	18015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:27	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:27	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:27	TPH 8015M	
Surrogate: 1-Chlorooctane		124 %	70-130		P1L1709	12/17/21 16:43	12/18/21 07:27	TPH 8015M	
Surrogate: o-Terphenyl		133 %	70-130		P1L1709	12/17/21 16:43	12/18/21 07:27	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/17/21 16:43	12/18/21 07:27	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface - 3 1L17007-16 (Soil)

Analyte		Reporting						36.4.1	3.7 .
Anaryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:28	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:28	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:28	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:28	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.8 %	80-120		P1L1708	12/17/21 14:56	12/18/21 15:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1L1708	12/17/21 14:56	12/18/21 15:28	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	4.63	1.01	mg/kg dry	1	P1L2002	12/20/21 08:14	12/20/21 14:14	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:51	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:51	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 07:51	TPH 8015M	
Surrogate: 1-Chlorooctane		117 %	70-130		P1L1709	12/17/21 16:43	12/18/21 07:51	TPH 8015M	
Surrogate: o-Terphenyl		121 %	70-130		P1L1709	12/17/21 16:43	12/18/21 07:51	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/17/21 16:43	12/18/21 07:51	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface - 4 1L17007-17 (Soil)

Analyte		Reporting						36.4.1	3.7
Anaryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:50	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:50	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:50	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:50	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 15:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1L1708	12/17/21 14:56	12/18/21 15:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		P1L1708	12/17/21 14:56	12/18/21 15:50	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	7.57	1.01	mg/kg dry	1	P1L2002	12/20/21 08:14	12/20/21 15:00	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	18015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 08:14	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 08:14	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 08:14	TPH 8015M	
Surrogate: 1-Chlorooctane		130 %	70-130		P1L1709	12/17/21 16:43	12/18/21 08:14	TPH 8015M	
Surrogate: o-Terphenyl		135 %	70-130		P1L1709	12/17/21 16:43	12/18/21 08:14	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/17/21 16:43	12/18/21 08:14	cale	

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.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface - 5 1L17007-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B						,			
Benzene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:11	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.5 %	80-120		P1L1708	12/17/21 14:56	12/18/21 16:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.2 %	80-120		P1L1708	12/17/21 14:56	12/18/21 16:11	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	2.48	1.00	mg/kg dry	1	P1L2002	12/20/21 08:14	12/20/21 15:15	EPA 300.0	
% Moisture	ND	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 08:37	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 08:37	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 08:37	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-130		P1L1709	12/17/21 16:43	12/18/21 08:37	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P1L1709	12/17/21 16:43	12/18/21 08:37	TPH 8015M	S-GO
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	12/17/21 16:43	12/18/21 08:37	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 1 1L17007-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
-	Result	Lillit	Omis	Dilution	Daten	Trepared	i mary zed	memou	
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:32	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:32	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:32	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:32	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.0 %	80-120		P1L1708	12/17/21 14:56	12/18/21 16:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1L1708	12/17/21 14:56	12/18/21 16:32	EPA 8021B	
General Chemistry Parameters by 1	EPA / Stanc	lard Met	hods						
Chloride	157	1.02	mg/kg dry	1	P1L2002	12/20/21 08:14	12/20/21 15:30	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 09:46	TPH 8015M	
>C12-C28	646	25.5	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 09:46	TPH 8015M	
>C28-C35	132	25.5	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 09:46	TPH 8015M	
Surrogate: 1-Chlorooctane		120 %	70-130		P1L1709	12/17/21 16:43	12/18/21 09:46	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P1L1709	12/17/21 16:43	12/18/21 09:46	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	779	25.5	mg/kg dry	1	[CALC]	12/17/21 16:43	12/18/21 09:46	calc	

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.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 2 1L17007-20 (Soil)

Analyte	D 1	Reporting Limit	I In: 4-	D:J4:	D-4-1.	Dra J	Analyzad	Method	Note
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Memod	INOIG
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:54	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:54	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:54	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:54	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 16:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1L1708	12/17/21 14:56	12/18/21 16:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.1 %	80-120		P1L1708	12/17/21 14:56	12/18/21 16:54	EPA 8021B	
General Chemistry Parameters by	EPA / Stanc	lard Metl	hods						
Chloride	301	5.05	mg/kg dry	5	P1L2002	12/20/21 08:14	12/20/21 15:46	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 10:09	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 10:09	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L1709	12/17/21 16:43	12/18/21 10:09	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P1L1709	12/17/21 16:43	12/18/21 10:09	TPH 8015M	
Surrogate: o-Terphenyl		117 %	70-130		P1L1709	12/17/21 16:43	12/18/21 10:09	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/17/21 16:43	12/18/21 10:09	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 3 1L17007-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:28	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:28	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:28	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:28	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		108 %	80-120		P1L2003	12/20/21 11:07	12/20/21 14:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	80-120		P1L2003	12/20/21 11:07	12/20/21 14:28	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	278	5.10	mg/kg dry	5	P1L2002	12/20/21 08:14	12/20/21 16:01	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Sotal Petroleum Hydrocarbons C6-	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 18:42	TPH 8015M	
>C12-C28	52.3	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 18:42	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 18:42	TPH 8015M	
Surrogate: 1-Chlorooctane		83.6 %	70-130		P1L2007	12/20/21 12:00	12/20/21 18:42	TPH 8015M	
Surrogate: o-Terphenyl		92.5 %	70-130		P1L2007	12/20/21 12:00	12/20/21 18:42	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	52.3	25.5	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 18:42	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 4 1L17007-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Kesuit	LIIIII	Ollits	Dilution	Dateii	ricpaicu	7 Hidiy 2cd	Method	11010
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:49	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:49	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:49	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:49	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 14:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.6 %	80-120		P1L2003	12/20/21 11:07	12/20/21 14:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P1L2003	12/20/21 11:07	12/20/21 14:49	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	264	5.10	mg/kg dry	5	P1L2002	12/20/21 08:14	12/21/21 09:35	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:04	TPH 8015M	
>C12-C28	38.4	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:04	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:04	TPH 8015M	
Surrogate: 1-Chlorooctane		79.6 %	70-130		P1L2007	12/20/21 12:00	12/20/21 19:04	TPH 8015M	
Surrogate: o-Terphenyl		88.3 %	70-130		P1L2007	12/20/21 12:00	12/20/21 19:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	38.4	25.5	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 19:04	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 1 1L17007-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Dramanad	Analyzed	Method	Note
	Kesuit	Limit	Units	Dilution	ваисп	Prepared	Anaryzed	Memon	note
		P	ermian B	asin Envii	ronmental L	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:10	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:10	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:10	EPA 8021B	
Xylene (p/m)	0.00248	0.00202	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:10	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1L2003	12/20/21 11:07	12/20/21 15:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1L2003	12/20/21 11:07	12/20/21 15:10	EPA 8021B	
General Chemistry Parameters by	v EPA / Stand	lard Metl	hods						
Chloride	243	1.01	mg/kg dry	1	P1L2002	12/20/21 08:14	12/21/21 09:50	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons Co	6-C35 by EPA	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:26	TPH 8015M	
>C12-C28	521	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:26	TPH 8015M	
>C28-C35	116	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:26	TPH 8015M	
Surrogate: 1-Chlorooctane		85.6 %	70-130		P1L2007	12/20/21 12:00	12/20/21 19:26	TPH 8015M	
Surrogate: o-Terphenyl		96.4 %	70-130		P1L2007	12/20/21 12:00	12/20/21 19:26	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	637	25.3	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 19:26	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 2 1L17007-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Kesult	LIIIII	Ollits	Dilution	Dateii	ricpaicu	7 Hidiy Zed	ivictiou	11010
		P	ermian B	asin Envii	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:32	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:32	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:32	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:32	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.0 %	80-120		P1L2003	12/20/21 11:07	12/20/21 15:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1L2003	12/20/21 11:07	12/20/21 15:32	EPA 8021B	
General Chemistry Parameters by 1	EPA / Stand	ard Met	hods						
Chloride	58.1	1.01	mg/kg dry	1	P1L2002	12/20/21 08:14	12/21/21 10:05	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:49	TPH 8015M	
>C12-C28	194	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:49	TPH 8015M	
>C28-C35	47.7	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 19:49	TPH 8015M	
Surrogate: 1-Chlorooctane		87.3 %	70-130		P1L2007	12/20/21 12:00	12/20/21 19:49	TPH 8015M	
Surrogate: o-Terphenyl		97.6 %	70-130		P1L2007	12/20/21 12:00	12/20/21 19:49	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	242	25.3	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 19:49	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 3 1L17007-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:53	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:53	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:53	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:53	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 15:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1L2003	12/20/21 11:07	12/20/21 15:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.8 %	80-120		P1L2003	12/20/21 11:07	12/20/21 15:53	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	23.8	1.01	mg/kg dry	1	P1L2002	12/20/21 08:14	12/21/21 10:21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 20:11	TPH 8015M	
>C12-C28	83.2	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 20:11	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 20:11	TPH 8015M	
Surrogate: 1-Chlorooctane		90.4 %	70-130		P1L2007	12/20/21 12:00	12/20/21 20:11	TPH 8015M	
Surrogate: o-Terphenyl		99.9 %	70-130		P1L2007	12/20/21 12:00	12/20/21 20:11	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	83.2	25.3	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 20:11	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-1 1L17007-26 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:14	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:14	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:14	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:14	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.1 %	80-120		P1L2003	12/20/21 11:07	12/20/21 16:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	80-120		P1L2003	12/20/21 11:07	12/20/21 16:14	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	278	5.10	mg/kg dry	5	P1L2010	12/20/21 14:24	12/21/21 11:53	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 21:19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 21:19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 21:19	TPH 8015M	
Surrogate: 1-Chlorooctane	(84.7 %	70-130		P1L2007	12/20/21 12:00	12/20/21 21:19	TPH 8015M	
Surrogate: o-Terphenyl		95.2 %	70-130		P1L2007	12/20/21 12:00	12/20/21 21:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 21:19	cale	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-2 1L17007-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note

		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:36	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:36	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:36	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:36	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	80-120		P1L2003	12/20/21 11:07	12/20/21 16:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1L2003	12/20/21 11:07	12/20/21 16:36	EPA 8021B	
C	- EDA / C4 J	I M41							
General Chemistry Parameters by Chloride	<u> EPA / Stand</u> 54.7	1.02	mg/kg dry	1	P1L2010	12/20/21 14:24	12/22/21 10:35	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons Co	6-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 21:41	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 21:41	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 21:41	TPH 8015M	
Surrogate: 1-Chlorooctane		86.1 %	70-130		P1L2007	12/20/21 12:00	12/20/21 21:41	TPH 8015M	
Surrogate: o-Terphenyl		94.6 %	70-130		P1L2007	12/20/21 12:00	12/20/21 21:41	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.5	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 21:41	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-3 1L17007-28 (Soil)

Amalysta		Reporting							2.7
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:57	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:57	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:57	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:57	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 16:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.5 %	80-120		P1L2003	12/20/21 11:07	12/20/21 16:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-120		P1L2003	12/20/21 11:07	12/20/21 16:57	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	50.2	1.01	mg/kg dry	1	P1L2010	12/20/21 14:24	12/21/21 12:54	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:04	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:04	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:04	TPH 8015M	
Surrogate: 1-Chlorooctane		81.9 %	70-130		P1L2007	12/20/21 12:00	12/20/21 22:04	TPH 8015M	
Surrogate: o-Terphenyl		90.6 %	70-130		P1L2007	12/20/21 12:00	12/20/21 22:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 22:04	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-4 1L17007-29 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:18	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:18	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:18	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:18	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P1L2003	12/20/21 11:07	12/20/21 17:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	80-120		P1L2003	12/20/21 11:07	12/20/21 17:18	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	96.6	5.10	mg/kg dry	5	P1L2010	12/20/21 14:24	12/21/21 13:09	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:26	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:26	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:26	TPH 8015M	
Surrogate: 1-Chlorooctane		81.0 %	70-130		P1L2007	12/20/21 12:00	12/20/21 22:26	TPH 8015M	
Surrogate: o-Terphenyl		91.0 %	70-130		P1L2007	12/20/21 12:00	12/20/21 22:26	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 22:26	cale	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-5 1L17007-30 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:39	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:39	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:39	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:39	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 17:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.9 %	80-120		P1L2003	12/20/21 11:07	12/20/21 17:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1L2003	12/20/21 11:07	12/20/21 17:39	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	200	1.01	mg/kg dry	1	P1L2010	12/20/21 14:24	12/21/21 13:24	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:49	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:49	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 22:49	TPH 8015M	
Surrogate: 1-Chlorooctane		87.4 %	70-130		P1L2007	12/20/21 12:00	12/20/21 22:49	TPH 8015M	
Surrogate: o-Terphenyl		96.9 %	70-130		P1L2007	12/20/21 12:00	12/20/21 22:49	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 22:49	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-6 1L17007-31 (Soil)

Analysta		Reporting						36.4.1	3.7
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 18:43	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 18:43	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 18:43	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 18:43	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 18:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	!	99.7 %	80-120		P1L2003	12/20/21 11:07	12/20/21 18:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1L2003	12/20/21 11:07	12/20/21 18:43	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	2100	10.1	mg/kg dry	10	P1L2010	12/20/21 14:24	12/21/21 13:40	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:12	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:12	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:12	TPH 8015M	
Surrogate: 1-Chlorooctane	(85.6 %	70-130		P1L2007	12/20/21 12:00	12/20/21 23:12	TPH 8015M	
Surrogate: o-Terphenyl		94.8 %	70-130		P1L2007	12/20/21 12:00	12/20/21 23:12	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 23:12	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-7 1L17007-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
						•	<u> </u>		
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:04	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:04	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:04	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:04	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		108 %	80-120		P1L2003	12/20/21 11:07	12/20/21 19:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	9	99.1 %	80-120		P1L2003	12/20/21 11:07	12/20/21 19:04	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Metl	10ds						
Chloride	560	5.05	mg/kg dry	5	P1L2010	12/20/21 14:24	12/21/21 13:55	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:34	TPH 8015M	
>C12-C28	31.9	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:34	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:34	TPH 8015M	
Surrogate: 1-Chlorooctane	Ċ	81.6 %	70-130		P1L2007	12/20/21 12:00	12/20/21 23:34	TPH 8015M	
Surrogate: o-Terphenyl	9	90.0 %	70-130		P1L2007	12/20/21 12:00	12/20/21 23:34	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	31.9	25.3	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 23:34	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-8 1L17007-33 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:26	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:26	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:26	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:26	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P1L2003	12/20/21 11:07	12/20/21 19:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	80-120		P1L2003	12/20/21 11:07	12/20/21 19:26	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	503	1.02	mg/kg dry	1	P1L2010	12/20/21 14:24	12/21/21 14:10	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:57	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:57	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/20/21 23:57	TPH 8015M	
Surrogate: 1-Chlorooctane		84.5 %	70-130		P1L2007	12/20/21 12:00	12/20/21 23:57	TPH 8015M	
Surrogate: o-Terphenyl		94.7 %	70-130		P1L2007	12/20/21 12:00	12/20/21 23:57	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/20/21 12:00	12/20/21 23:57	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-9 1L17007-34 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:47	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:47	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:47	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:47	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 19:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.1 %	80-120		P1L2003	12/20/21 11:07	12/20/21 19:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1L2003	12/20/21 11:07	12/20/21 19:47	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	52.4	1.02	mg/kg dry	1	P1L2010	12/20/21 14:24	12/21/21 14:26	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 00:19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 00:19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 00:19	TPH 8015M	
Surrogate: 1-Chlorooctane		88.7 %	70-130		P1L2007	12/20/21 12:00	12/21/21 00:19	TPH 8015M	
Surrogate: o-Terphenyl		98.0 %	70-130		P1L2007	12/20/21 12:00	12/21/21 00:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/20/21 12:00	12/21/21 00:19	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-10 1L17007-35 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
-	result	Liiiit	Onto	Dilution	Daten	Trepared	, 200		1.50
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:08	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.7 %	80-120		P1L2003	12/20/21 11:07	12/20/21 20:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1L2003	12/20/21 11:07	12/20/21 20:08	EPA 8021B	
General Chemistry Parameters by 1	EPA / Stand	ard Met	hods						
Chloride	33.6	1.00	mg/kg dry	1	P1L2010	12/20/21 14:24	12/21/21 14:41	EPA 300.0	
% Moisture	ND	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 00:42	TPH 8015M	
>C12-C28	115	25.0	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 00:42	TPH 8015M	
>C28-C35	31.7	25.0	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 00:42	TPH 8015M	
Surrogate: 1-Chlorooctane		89.5 %	70-130		P1L2007	12/20/21 12:00	12/21/21 00:42	TPH 8015M	
Surrogate: o-Terphenyl		97.4 %	70-130		P1L2007	12/20/21 12:00	12/21/21 00:42	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	146	25.0	mg/kg dry	1	[CALC]	12/20/21 12:00	12/21/21 00:42	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-11 1L17007-36 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
						•			
		P	ermian B	asın Envii	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:30	EPA 8021B	
Toluene	0.00830	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:30	EPA 8021B	
Ethylbenzene	0.00353	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:30	EPA 8021B	
Xylene (p/m)	0.00574	0.00200	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:30	EPA 8021B	
Xylene (o)	0.00161	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1L2003	12/20/21 11:07	12/20/21 20:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	ý	99.6 %	80-120		P1L2003	12/20/21 11:07	12/20/21 20:30	EPA 8021B	
Communication Description	.EDA/G/ 1								
General Chemistry Parameters by		ard Metl	mg/kg dry		P1L2010	12/20/21 14:24	12/21/21 15:27	EPA 300.0	
Chloride	47.8		//www.	1					
% Moisture	ND	0.1	/0	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
<u> Otal Petroleum Hydrocarbons Co</u>	5-C35 by EPA	Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 01:04	TPH 8015M	
>C12-C28	107	25.0	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 01:04	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1L2007	12/20/21 12:00	12/21/21 01:04	TPH 8015M	
Surrogate: 1-Chlorooctane		87.2 %	70-130		P1L2007	12/20/21 12:00	12/21/21 01:04	TPH 8015M	
Surrogate: o-Terphenyl	Ģ	91.1 %	70-130		P1L2007	12/20/21 12:00	12/21/21 01:04	TPH 8015M	
Total Petroleum Hydrocarbon	107	25.0	mg/kg dry	1	[CALC]	12/20/21 12:00	12/21/21 01:04	calc	
C6-C35					-				

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-12 1L17007-37 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:51	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1L2003	12/20/21 11:07	12/20/21 20:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.6 %	80-120		P1L2003	12/20/21 11:07	12/20/21 20:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1L2003	12/20/21 11:07	12/20/21 20:51	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	10.0	1.00	mg/kg dry	1	P1L2010	12/20/21 14:24	12/21/21 16:12	EPA 300.0	
% Moisture	ND	0.1	%	1	P1L2103	12/21/21 08:43	12/21/21 08:48	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	\ Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1L2009	12/20/21 14:08	12/21/21 05:11	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1L2009	12/20/21 14:08	12/21/21 05:11	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1L2009	12/20/21 14:08	12/21/21 05:11	TPH 8015M	
Surrogate: 1-Chlorooctane		87.9 %	70-130		P1L2009	12/20/21 14:08	12/21/21 05:11	TPH 8015M	
Surrogate: o-Terphenyl		98.6 %	70-130		P1L2009	12/20/21 14:08	12/21/21 05:11	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	12/20/21 14:08	12/21/21 05:11	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1704 - *** DEFAULT PREP **	*									
Blank (P1L1704-BLK1)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0959		"	0.0979		98.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.0985		"	0.0979		101	80-120			
LCS (P1L1704-BS1)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
Benzene	0.0823	0.00100	mg/kg wet	0.0826		99.6	70-130			
Toluene	0.0767	0.00100	"	0.0826		92.8	70-130			
Ethylbenzene	0.0789	0.00100	"	0.0826		95.5	70-130			
Xylene (p/m)	0.163	0.00200	"	0.165		98.3	70-130			
Xylene (o)	0.0733	0.00100	"	0.0826		88.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.0992		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.0974		"	0.0992		98.2	80-120			
LCS Dup (P1L1704-BSD1)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
Benzene	0.0705	0.00100	mg/kg wet	0.0726		97.1	70-130	2.57	20	
Toluene	0.0655	0.00100	"	0.0726		90.2	70-130	2.83	20	
Ethylbenzene	0.0674	0.00100	"	0.0726		92.8	70-130	2.84	20	
Xylene (p/m)	0.139	0.00200	"	0.145		95.4	70-130	2.97	20	
Xylene (o)	0.0619	0.00100	"	0.0726		85.3	70-130	3.88	20	
Surrogate: 4-Bromofluorobenzene	0.0886		"	0.0871		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.0848		"	0.0871		97.4	80-120			
Calibration Blank (P1L1704-CCB1)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.150		"							
Xylene (p/m)	0.250		"							
Xylene (o)	0.200		"							
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.8	80-120			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1704 - *** DEFAULT PREP ***										
Calibration Blank (P1L1704-CCB2)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.140		"							
Xylene (p/m)	0.220		"							
Xylene (o)	0.120		"							
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			
Calibration Blank (P1L1704-CCB3)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.100		"							
Xylene (p/m)	0.210		"							
Xylene (o)	0.120		"							
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.6	80-120			
Calibration Check (P1L1704-CCV1)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.0997	0.00100	"	0.100		99.7	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	75-125			
Calibration Check (P1L1704-CCV2)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0969	0.00100	"	0.100		96.9	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0977	0.00100	"	0.100		97.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	75-125			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	75-125			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1704 - *** DEFAULT PREP ***	result		- Cinto	20101	resure	701626	Zimito	10.5	Ziiiii	110100
				Proporad: 1	12/17/21 A	nalwad: 10	0/19/21			
Calibration Check (P1L1704-CCV3) Benzene	0.0936	0.00100	mg/kg wet	0.100	12/11/21 A	nalyzed: 12 93.6	80-120			
Toluene	0.0950	0.00100	mg/kg wet	0.100		85.3	80-120			
Ethylbenzene	0.0808	0.00100	"	0.100		80.8	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		87.9	80-120			
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.121	0.00100	"	0.120		100	75-125			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		96.6	75-125 75-125			
Surrogate. 1,1 Dijuarroociizene	0.110			0.120		70.0	75 125			
Matrix Spike (P1L1704-MS1)		rce: 1L17004	-14	Prepared:	12/17/21 A	nalyzed: 12	2/18/21			
Benzene	0.0946	0.00101	mg/kg dry	0.100	ND	94.6	80-120			
Toluene	0.0844	0.00101	"	0.100	ND	84.4	80-120			
Ethylbenzene	0.0808	0.00101	"	0.100	ND	80.8	80-120			
Xylene (p/m)	0.162	0.00202	"	0.200	ND	80.8	80-120			
Xylene (o)	0.0719	0.00101	"	0.100	ND	71.9	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Matrix Spike Dup (P1L1704-MSD1)	Sou	ırce: 1L17004	-14	Prepared: 1	12/17/21 A	nalyzed: 12	2/18/21			
Benzene	0.0948	0.00101	mg/kg dry	0.100	ND	94.5	80-120	0.106	20	
Toluene	0.0851	0.00101	"	0.100	ND	84.8	80-120	0.520	20	
Ethylbenzene	0.0819	0.00101	"	0.100	ND	81.6	80-120	0.986	20	
Xylene (p/m)	0.164	0.00202	"	0.201	ND	81.8	80-120	1.19	20	
Xylene (o)	0.0734	0.00101	"	0.100	ND	73.1	80-120	1.60	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		97.5	80-120			
Batch P1L1708 - *** DEFAULT PREP ***										
Blank (P1L1708-BLK1)				Prepared: 1	12/17/21 A	nalyzed: 12	2/18/21			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0947		"	0.0990		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.0942		"	0.0990		95.1	80-120			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aniaryte	Result	Lillit	Omis	Level	Result	70KEC	Lillits	KFD	Lillit	Notes
Batch P1L1708 - *** DEFAULT PREP ***										
LCS (P1L1708-BS1)				Prepared: 1	2/17/21 Ar	nalyzed: 12	/18/21			
Benzene	0.0768	0.00100	mg/kg wet	0.0859		89.4	70-130			
Toluene	0.0704	0.00100	"	0.0859		81.9	70-130			
Ethylbenzene	0.0718	0.00100	"	0.0859		83.6	70-130			
Xylene (p/m)	0.146	0.00200	"	0.172		85.2	70-130			
Xylene (o)	0.0691	0.00100	"	0.0859		80.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.103		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.104		"	0.103		101	80-120			
LCS Dup (P1L1708-BSD1)				Prepared: 1	2/17/21 Aı	nalyzed: 12	/18/21			
Benzene	0.0808	0.00100	mg/kg wet	0.0804		100	70-130	11.6	20	
Toluene	0.0737	0.00100	"	0.0804		91.7	70-130	11.2	20	
Ethylbenzene	0.0758	0.00100	"	0.0804		94.3	70-130	12.1	20	
Xylene (p/m)	0.154	0.00200	"	0.161		95.9	70-130	11.7	20	
Xylene (o)	0.0694	0.00100	"	0.0804		86.3	70-130	7.05	20	
Surrogate: 4-Bromofluorobenzene	0.102		"	0.0965		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.0976		"	0.0965		101	80-120			
Calibration Blank (P1L1708-CCB1)				Prepared: 1	2/17/21 Ar	nalyzed: 12	/18/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.100		"							
Xylene (p/m)	0.210		"							
Xylene (o)	0.120		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			
Calibration Blank (P1L1708-CCB3)				Prepared: 1	2/17/21 Aı	nalyzed: 12	/20/21			
Benzene	0.00		mg/kg wet	-						
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyte Result Batch P1L1708 - *** DEFAULT PREP *** Calibration Check (P1L1708-CCV1) Benzene 0.0936 Toluene 0.0853 Ethylbenzene 0.0808 Xylene (p/m) 0.176 Xylene (o) 0.0812 Surrogate: 4-Bromofluorobenzene 0.121 Surrogate: 1,4-Difluorobenzene 0.116	0.00100 0.00100 0.00100 0.00200 0.00100	mg/kg wet	0.100 0.100 0.100 0.200 0.100 0.120 0.120		93.6 85.3 80.8 87.9 81.2 100 96.6	No. 120 80-120 80-120 80-120 80-120 80-120 75-125 75-125	RPD	Limit	Notes
Calibration Check (P1L1708-CCV1) Benzene 0.0936 Toluene 0.0853 Ethylbenzene 0.0808 Xylene (p/m) 0.176 Xylene (o) 0.0812 Surrogate: 4-Bromofluorobenzene 0.121	0.00100 0.00100 0.00200 0.00100	" " " " " " " " " " " " " " " " " " " "	0.100 0.100 0.100 0.200 0.100 0.120 0.120		93.6 85.3 80.8 87.9 81.2	80-120 80-120 80-120 80-120 80-120 75-125			
Benzene 0.0936 Toluene 0.0853 Ethylbenzene 0.0808 Xylene (p/m) 0.176 Xylene (o) 0.0812 Surrogate: 4-Bromofluorobenzene 0.121	0.00100 0.00100 0.00200 0.00100	" " " " " " " " " " " " " " " " " " " "	0.100 0.100 0.100 0.200 0.100 0.120 0.120		93.6 85.3 80.8 87.9 81.2	80-120 80-120 80-120 80-120 80-120 75-125			
Toluene 0.0853 Ethylbenzene 0.0808 Xylene (p/m) 0.176 Xylene (o) 0.0812 Surrogate: 4-Bromofluorobenzene 0.121	0.00100 0.00100 0.00200 0.00100	" " " " " " " " " " " " " " " " " " " "	0.100 0.100 0.200 0.100 0.120 0.120		85.3 80.8 87.9 81.2	80-120 80-120 80-120 80-120 75-125			
Ethylbenzene 0.0808 Xylene (p/m) 0.176 Xylene (o) 0.0812 Surrogate: 4-Bromofluorobenzene 0.121	0.00100 0.00200 0.00100	" " "	0.100 0.200 0.100 0.120 0.120		80.8 87.9 81.2	80-120 80-120 80-120 75-125			
Xylene (p/m) 0.176 Xylene (o) 0.0812 Surrogate: 4-Bromofluorobenzene 0.121	0.00200 0.00100	" "	0.200 0.100 0.120 0.120		87.9 81.2	80-120 80-120 75-125			
Xylene (o) 0.0812 Surrogate: 4-Bromofluorobenzene 0.121	0.00100	" "	0.100 0.120 0.120		81.2	80-120 75-125			
Surrogate: 4-Bromofluorobenzene 0.121		"	0.120 0.120		100	75-125			
5	0.00100	"	0.120						
Surrogate: 1,4-Difluorobenzene 0.116	0.00100				96.6	75-125			
	0.00100	Д	Prepared: 1						
Calibration Check (P1L1708-CCV2)	0.00100	л	1	2/17/21 A	nalyzed: 12	/18/21			
Benzene 0.0976		mg/kg wet	0.100		97.6	80-120			
Toluene 0.0891	0.00100	"	0.100		89.1	80-120			
Ethylbenzene 0.0843	0.00100	"	0.100		84.3	80-120			
Xylene (p/m) 0.183	0.00200	"	0.200		91.4	80-120			
Xylene (o) 0.0855	0.00100	"	0.100		85.5	80-120			
Surrogate: 4-Bromofluorobenzene 0.122		"	0.120		102	75-125			
Surrogate: 1,4-Difluorobenzene 0.116		"	0.120		96.7	75-125			
Calibration Check (P1L1708-CCV3)			Prepared: 1	2/17/21 A	nalyzed: 12	/20/21			
Benzene 0.116	0.00100	mg/kg wet	0.100		116	80-120			
Toluene 0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene 0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m) 0.236	0.00200	"	0.200		118	80-120			
Xylene (o) 0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene 0.120		"	0.120		100	75-125			
Surrogate: 1,4-Difluorobenzene 0.113		"	0.120		94.4	75-125			
Matrix Spike (P1L1708-MS1) Sour	rce: 1L17007	'-12	Prepared: 1	2/17/21 A	nalyzed: 12	/20/21			
Benzene 0.0740	0.00106	mg/kg dry	0.106	ND	69.9	80-120			QM-07
Toluene 0.0370	0.00106	"	0.106	ND	35.0	80-120			QM-07
Ethylbenzene 0.00148	0.00106	"	0.106	ND	1.40	80-120			QM-07
Xylene (p/m) 0.00924	0.00213	"	0.211	ND	4.37	80-120			QM-07
Xylene (o) 0.0533	0.00106	"	0.106	ND	50.4	80-120			QM-07
Surrogate: 1,4-Difluorobenzene 0.130		"	0.127		102	80-120			
Surrogate: 4-Bromofluorobenzene 0.139		"	0.127		110	80-120			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

BTEX by 8021B - 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 P1L1708 - *** DEFAULT PREP ***										
Matrix Spike Dup (P1L1708-MSD1)	Sou	ırce: 1L17007	'-12	Prepared: 1	12/17/21 A	nalyzed: 12	/20/21			
Benzene	0.0778	0.00106	mg/kg dry	0.106	ND	73.6	80-120	5.09	20	QM-0
Toluene	0.0398	0.00106	"	0.106	ND	37.7	80-120	7.32	20	QM-0
Ethylbenzene	0.00111	0.00106	"	0.106	ND	1.05	80-120	28.6	20	QM-0
Xylene (p/m)	0.0150	0.00213	"	0.211	ND	7.07	80-120	47.2	20	QM-0
Xylene (o)	0.0514	0.00106	"	0.106	ND	48.6	80-120	3.62	20	QM-0
Surrogate: 4-Bromofluorobenzene	0.139		"	0.127		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.129		"	0.127		102	80-120			
Batch P1L2003 - *** DEFAULT PREP ***										
Blank (P1L2003-BLK1)				Prepared &	Analyzed:	12/20/21				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.114		"	0.118		96.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.118		101	80-120			
LCS (P1L2003-BS1)				Prepared &	Analyzed:	12/20/21				
Benzene	0.0778	0.00100	mg/kg wet	0.0792		98.2	70-130			
Toluene	0.0737	0.00100	"	0.0792		93.0	70-130			
Ethylbenzene	0.0780	0.00100	"	0.0792		98.5	70-130			
Xylene (p/m)	0.162	0.00200	"	0.158		102	70-130			
Xylene (o)	0.0696	0.00100	"	0.0792		87.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.0951		"	0.0951		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.0905		"	0.0951		95.2	80-120			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2003 - *** DEFAULT PREP ***										
LCS Dup (P1L2003-BSD1)				Prepared &	Analyzed:	12/20/21				
Benzene	0.0771	0.00100	mg/kg wet	0.0859		89.7	70-130	9.02	20	
Toluene	0.0722	0.00100	"	0.0859		84.1	70-130	10.1	20	
Ethylbenzene	0.0765	0.00100	"	0.0859		89.1	70-130	10.0	20	
Xylene (p/m)	0.159	0.00200	"	0.172		92.3	70-130	10.1	20	
Xylene (o)	0.0688	0.00100	"	0.0859		80.1	70-130	9.29	20	
Surrogate: 4-Bromofluorobenzene	0.107		"	0.103		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.101		"	0.103		98.3	80-120			
Calibration Check (P1L2003-CCV1)				Prepared &	: Analyzed:	12/20/21				
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.0988	0.00100	"	0.100		98.8	80-120			
Ethylbenzene	0.0965	0.00100	"	0.100		96.5	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0952	0.00100	"	0.100		95.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	75-125			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	75-125			
Calibration Check (P1L2003-CCV2)				Prepared &	: Analyzed:	12/20/21				
Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		112	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	75-125			
Calibration Check (P1L2003-CCV3)				Prepared &	Analyzed:	12/20/21				
Benzene	0.116	0.00100	mg/kg wet	0.100		116	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.227	0.00200	"	0.200		114	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	75-125			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	75-125			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2003 - *** DEFAULT PREP ***										
Matrix Spike (P1L2003-MS1)	Sou	rce: 1L17007	7-21	Prepared &	ኔ Analyzed:	12/20/21				
Benzene	0.0803	0.00102	mg/kg dry	0.101	ND	79.1	80-120			QM-05
Toluene	0.0725	0.00102	"	0.101	ND	71.5	80-120			QM-05
Ethylbenzene	0.0696	0.00102	"	0.101	ND	68.6	80-120			QM-05
Xylene (p/m)	0.143	0.00204	"	0.203	ND	70.7	80-120			QM-05
Xylene (o)	0.0642	0.00102	"	0.101	ND	63.3	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.137		"	0.122		113	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.122		101	80-120			
Matrix Spike Dup (P1L2003-MSD1)	Sou	rce: 1L17007	7-21	Prepared &	ኔ Analyzed:	12/20/21				
Benzene	0.0968	0.00102	mg/kg dry	0.102	ND	95.2	80-120	18.5	20	
Toluene	0.0897	0.00102	"	0.102	ND	88.3	80-120	21.0	20	QM-05
Ethylbenzene	0.0881	0.00102	"	0.102	ND	86.7	80-120	23.3	20	QM-05
Xylene (p/m)	0.180	0.00204	"	0.203	ND	88.7	80-120	22.6	20	QM-05
Xylene (o)	0.0809	0.00102	"	0.102	ND	79.6	80-120	22.8	20	QM-05
Surrogate: 1,4-Difluorobenzene	0.124		"	0.122		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.138		"	0.122		113	80-120			

13000 West County Road 100 Project Number: 15278
Odessa TX, 79765 Project Manager: Tim McMinn

Project: Winnebago CTB Flare Project Number: 15278

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2001 - *** DEFAULT PREP ***										
Blank (P1L2001-BLK1)				Prepared &	Analyzed:	12/20/21				
Chloride	ND	1.00	mg/kg wet							
LCS (P1L2001-BS1)				Prepared &	Analyzed:	12/20/21				
Chloride	44.0		mg/kg	40.0		110	90-110			
LCS Dup (P1L2001-BSD1)				Prepared &	z Analyzed:	12/20/21				
Chloride	43.7		mg/kg	40.0	·	109	90-110	0.618	10	
Calibration Blank (P1L2001-CCB1)				Prepared &	Analyzed:	12/20/21				
Chloride	0.0550		mg/kg wet							
Calibration Blank (P1L2001-CCB2)				Prepared &	Analyzed:	12/20/21				
Chloride	0.0580		mg/kg wet							
Calibration Check (P1L2001-CCV1)				Prepared &	Analyzed:	12/20/21				
Chloride	21.6		mg/kg	20.0		108	90-110			
Calibration Check (P1L2001-CCV2)				Prepared &	Analyzed:	12/20/21				
Chloride	20.7		mg/kg	20.0		103	90-110			
Calibration Check (P1L2001-CCV3)				Prepared &	Analyzed:	12/20/21				
Chloride	20.8		mg/kg	20.0		104	90-110			
Matrix Spike (P1L2001-MS1)	Sou	rce: 1L17000	5-03	Prepared &	Analyzed:	12/20/21				
Chloride	516	1.03	mg/kg dry	515	3.74	99.4	80-120			
Matrix Spike (P1L2001-MS2)	Sou	rce: 1L17007	7-04	Prepared &						
Chloride	1700	10.2	mg/kg dry	1020	663	101	80-120			

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2001 - *** DEFAULT PREP ***										
Matrix Spike Dup (P1L2001-MSD1)	Sou	rce: 1L17006	-03	Prepared &	Analyzed:	12/20/21				
Chloride	436	1.03	mg/kg dry	515	3.74	83.9	80-120	16.9	20	
Matrix Spike Dup (P1L2001-MSD2)	Sou	rce: 1L17007	-04	Prepared &	Analyzed:	12/20/21				
Chloride	1690	10.2	mg/kg dry	1020	663	101	80-120	0.350	20	
Batch P1L2002 - *** DEFAULT PREP ***										
Blank (P1L2002-BLK1)				Prepared &	Analyzed:	12/20/21				
Chloride	ND	1.00	mg/kg wet							
LCS (P1L2002-BS1)				Prepared &	Analyzed:	12/20/21				
Chloride	42.4		mg/kg	40.0		106	90-110			
LCS Dup (P1L2002-BSD1)				Prepared &	Analyzed:	12/20/21				
Chloride	42.5		mg/kg	40.0		106	90-110	0.304	10	
Calibration Blank (P1L2002-CCB1)				Prepared &	Analyzed:	12/20/21				
Chloride	0.131		mg/kg wet		-					
Calibration Blank (P1L2002-CCB2)				Prepared &	Analyzed:	12/20/21				
Chloride	0.141		mg/kg wet	•						
Calibration Check (P1L2002-CCV1)				Prepared &	Analyzed:	12/20/21				
Chloride	21.1		mg/kg	20.0		106	90-110			
Calibration Check (P1L2002-CCV2)				Prepared &	Analyzed:	12/20/21				
Chloride	21.5		mg/kg	20.0		108	90-110			

13000 West County Road 100 Project N Odessa TX, 79765 Project Ma

Project: Winnebago CTB Flare
Project Number: 15278
Project Manager: Tim McMinn

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

	Reporting Spike Source %REC								RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2002 - *** DEFAULT PREP ***										
Calibration Check (P1L2002-CCV3)				Prepared:	12/20/21 A	nalyzed: 12	/21/21			
Chloride	21.5		mg/kg	20.0		107	90-110			
Matrix Spike (P1L2002-MS1)	Sour	rce: 1L17012	2-01	Prepared &	Analyzed:	12/20/21				
Chloride	1960	5.32	mg/kg dry	532	1380	108	80-120			
Matrix Spike (P1L2002-MS2)	Sour	Source: 1L17007-16 Prepared & Analyzed: 12/20/21								
Chloride	522	1.01	mg/kg dry	505	4.63	102	80-120			
Matrix Spike Dup (P1L2002-MSD1)	Sour	rce: 1L17012	-01	Prepared &	Analyzed:	12/20/21				
Chloride	1960	5.32	mg/kg dry	532	1380	109	80-120	0.193	20	
Matrix Spike Dup (P1L2002-MSD2)	Sour	ce: 1L17007	'-16	Prepared &	Analyzed:	12/20/21				
Chloride	522	1.01	mg/kg dry	505	4.63	102	80-120	0.101	20	
Batch P1L2010 - *** DEFAULT PREP ***										
Blank (P1L2010-BLK1)				Prepared:	12/20/21 A	nalyzed: 12	/21/21			
Chloride	ND	1.00	mg/kg wet							
LCS (P1L2010-BS1)				Prepared:	12/20/21 A	nalyzed: 12	/21/21			
Chloride	44.2		mg/kg	40.0		110	90-110			
Calibration Blank (P1L2010-CCB1)				Prepared:	12/20/21 A	nalyzed: 12	/21/21			
Chloride	0.194		mg/kg wet							
Calibration Blank (P1L2010-CCB2)				Prepared:	12/20/21 A	nalyzed: 12	/21/21			
Chloride	0.167		mg/kg wet							

13000 West County Road 100Project Number: 15278Odessa TX, 79765Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Project: Winnebago CTB Flare

	Permi	ian Basin	Enviro	ımental	Lab, L	.P.				
		Reporting		Spike	Source	2	%REC		RPD	
Analyte	Result	Limit	Units	Level	Resul	t %REC	Limits	RPD	Limit	Notes
Batch P1L2010 - *** DEFAULT PREP ***										
Calibration Check (P1L2010-CCV1)				Prepared:	12/20/21	Analyzed:	12/21/21			
Chloride	21.5		mg/kg	20.0		107	90-110			
Calibration Check (P1L2010-CCV2)				Prepared:	12/20/21	Analyzed:	12/21/21			
Chloride	21.5		mg/kg	20.0		108	90-110			
Calibration Check (P1L2010-CCV3)				Prepared:	12/20/21	Analyzed:	12/21/21			
Chloride	22.0		mg/kg	20.0		110	90-110			
Matrix Spike (P1L2010-MS1)	Sour	ce: 1L17007	-26	Prepared:	12/20/21	Analyzed:	12/21/21			
Chloride	823	5.10	mg/kg dry	510	278	107	80-120			
Matrix Spike (P1L2010-MS2)	Sour	ce: 1L17007	-36	Prepared:	12/20/21	Analyzed:	12/21/21			
Chloride	566	1.00	mg/kg dry	500	47.8	104	80-120			
Matrix Spike Dup (P1L2010-MSD1)	Sour	ce: 1L17007	-26	Prepared:	12/20/21	Analyzed:	12/21/21			
Chloride	833	5.10	mg/kg dry	510	278	109	80-120	1.20	20	
Matrix Spike Dup (P1L2010-MSD2)	Sour	ce: 1L17007	-36	Prepared:	12/20/21	Analyzed:	12/21/21			
Chloride	562	1.00	mg/kg dry	500	47.8	103	80-120	0.796	20	
Batch P1L2103 - *** DEFAULT PREP ***										
Blank (P1L2103-BLK1)				Prepared	& Analyz	ed: 12/21/2	1			
% Moisture	ND	0.1	%							
Blank (P1L2103-BLK2)				Prepared	& Analyz	ed: 12/21/2	1			
% Moisture	ND	0.1	%							

13000 West County Road 100Project Number: 15278Odessa TX, 79765Project Manager: Tim McMinn

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

Project: Winnebago CTB Flare

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L2103 - *** DEFAULT PREP ***										
Blank (P1L2103-BLK3)				Prepared &	t Analyzed:	12/21/21				
% Moisture	ND	0.1	%							
Blank (P1L2103-BLK4)				Prepared &	Analyzed:	12/21/21				
% Moisture	ND	0.1	%							
Duplicate (P1L2103-DUP1)	Sour	ce: 1L17004-	04	Prepared &	Analyzed:	12/21/21				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P1L2103-DUP2)	Sour	ce: 1L17004-	14	Prepared &	Analyzed:	12/21/21				
% Moisture	2.0	0.1	%		1.0			66.7	20	R3
Duplicate (P1L2103-DUP3)	Sour	ce: 1L17007-	06	Prepared 8	Analyzed:	12/21/21				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P1L2103-DUP4)	Sour	ce: 1L17007-	16	Prepared 8	Analyzed:	12/21/21				
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1L2103-DUP5)	Sour	ce: 1L17007-	31	Prepared &	Analyzed:	12/21/21				
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1L2103-DUP6)	Sour	ce: 1L17011-	04	Prepared &	Analyzed:	12/21/21				
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P1L2103-DUP7)	Sour	ce: 1L17011-	19	Prepared &	Analyzed:	12/21/21				
% Moisture	15.0	0.1	%	*	16.0			6.45	20	

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278
Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L1707 - TX 1005										
Blank (P1L1707-BLK1)				Prepared: 1	12/17/21 Ar	nalyzed: 12	/18/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	84.5		"	100		84.5	70-130			
Surrogate: o-Terphenyl	44.2		"	50.0		88.4	70-130			
LCS (P1L1707-BS1)				Prepared: 1	12/17/21 Ar	nalyzed: 12	/18/21			
C6-C12	942	25.0	mg/kg wet	1000		94.2	75-125			
>C12-C28	878	25.0	"	1000		87.8	75-125			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	49.9		"	50.0		99.8	70-130			
LCS Dup (P1L1707-BSD1)				Prepared: 1	12/17/21 Aı	nalyzed: 12	/18/21			
C6-C12	958	25.0	mg/kg wet	1000		95.8	75-125	1.68	20	
>C12-C28	890	25.0	"	1000		89.0	75-125	1.29	20	
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	50.2		"	50.0		100	70-130			
Calibration Check (P1L1707-CCV1)				Prepared: 1	12/17/21 Ar	nalyzed: 12	/18/21			
C6-C12	543	25.0	mg/kg wet	500		109	85-115			
>C12-C28	537	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	45.6		"	50.0		91.3	70-130			
Calibration Check (P1L1707-CCV2)				Prepared:	12/17/21 Ar	nalyzed: 12	/18/21			
C6-C12	530	25.0	mg/kg wet	500		106	85-115			
>C12-C28	529	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	44.7		"	50.0		89.3	70-130			

Permian Basin Environmental Lab, L.P.

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278
Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L1707 - TX 1005										
Calibration Check (P1L1707-CCV3)				Prepared:	12/17/21 A	nalyzed: 12	2/18/21			
C6-C12	558	25.0	mg/kg wet	500		112	85-115			
>C12-C28	563	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	46.2		"	50.0		92.4	70-130			
Matrix Spike (P1L1707-MS1)	Sou	rce: 1L17007	7-12	Prepared:	12/17/21 A	nalyzed: 12	2/18/21			
C6-C12	1230	26.6	mg/kg dry	1060	21.3	114	75-125			
>C12-C28	1150	26.6	"	1060	22.3	106	75-125			
Surrogate: 1-Chlorooctane	138		"	106		130	70-130			
Surrogate: o-Terphenyl	68.2		"	53.2		128	70-130			
Matrix Spike Dup (P1L1707-MSD1)	Sou	rce: 1L17007	7-12	Prepared:	12/17/21 A	nalyzed: 12	2/18/21			
C6-C12	1100	26.6	mg/kg dry	1060	21.3	102	75-125	11.3	20	
>C12-C28	1010	26.6	"	1060	22.3	93.2	75-125	12.7	20	
Surrogate: 1-Chlorooctane	117		"	106		110	70-130			
Surrogate: o-Terphenyl	65.7		"	53.2		124	70-130			
Batch P1L1709 - TX 1005										
Blank (P1L1709-BLK1)				Prepared:	12/17/21 A	nalyzed: 12	2/18/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	88.2		"	100		88.2	70-130			
Surrogate: o-Terphenyl	45.3		"	50.0		90.5	70-130			
LCS (P1L1709-BS1)				Prepared:	12/17/21 A	nalyzed: 12	2/18/21			
C6-C12	924	25.0	mg/kg wet	1000	<u> </u>	92.4	75-125			
>C12-C28	868	25.0	"	1000		86.8	75-125			
Surrogate: 1-Chlorooctane	124		"	100		124	70-130			
Surrogate: o-Terphenyl	49.3		"	50.0		98.6	70-130			

Permian Basin Environmental Lab, L.P.

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Number: 152/8
Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L1709 - TX 1005										
LCS Dup (P1L1709-BSD1)				Prepared:	12/17/21 Aı	nalyzed: 12	2/18/21			
C6-C12	940	25.0	mg/kg wet	1000		94.0	75-125	1.76	20	
>C12-C28	887	25.0	"	1000		88.7	75-125	2.19	20	
Surrogate: 1-Chlorooctane	126		"	100		126	70-130			
Surrogate: o-Terphenyl	49.0		"	50.0		98.0	70-130			
Calibration Check (P1L1709-CCV1)				Prepared:	12/17/21 Aı	nalyzed: 12	2/18/21			
C6-C12	555	25.0	mg/kg wet	500		111	85-115			
>C12-C28	536	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.7	70-130			
Calibration Check (P1L1709-CCV2)				Prepared:	12/17/21 Aı	nalyzed: 12	2/18/21			
C6-C12	554	25.0	mg/kg wet	500		111	85-115			
>C12-C28	551	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	45.7		"	50.0		91.3	70-130			
Duplicate (P1L1709-DUP1)	Sou	rce: 1L17018	3-05	Prepared:	12/17/21 Aı	nalyzed: 12	2/18/21			
C6-C12	20.9	25.5	mg/kg dry		306			174	20	
>C12-C28	26.9	25.5	"		1390			192	20	
Surrogate: 1-Chlorooctane	137		"	102		134	70-130			S-GC
Surrogate: o-Terphenyl	70.6		"	51.0		138	70-130			S-GC
Batch P1L2007 - TX 1005										
Blank (P1L2007-BLK1)				Prepared &	Analyzed:	12/20/21				
C6-C12	ND	25.0	mg/kg wet	-						
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	87.5		"	100		87.5	70-130			
Surrogate: o-Terphenyl	49.5		"	50.0		99.1	70-130			

Permian Basin Environmental Lab, L.P.

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2007 - TX 1005										
LCS (P1L2007-BS1)				Prepared &	Analyzed:	12/20/21				
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125			
>C12-C28	1080	25.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	101		"	100		101	70-130			
Surrogate: o-Terphenyl	55.6		"	50.0		111	70-130			
LCS Dup (P1L2007-BSD1)				Prepared &	Analyzed:	12/20/21				
C6-C12	1080	25.0	mg/kg wet	1000		108	75-125	2.60	20	
>C12-C28	1130	25.0	"	1000		113	75-125	4.02	20	
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	61.7		"	50.0		123	70-130			
Calibration Check (P1L2007-CCV1)				Prepared &	Analyzed:	12/20/21				
C6-C12	574	25.0	mg/kg wet	500		115	85-115			
>C12-C28	560	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	123		"	100		123	70-130			
Surrogate: o-Terphenyl	58.0		"	50.0		116	70-130			
Calibration Check (P1L2007-CCV2)				Prepared &	Analyzed:	12/20/21				
C6-C12	572	25.0	mg/kg wet	500		114	85-115			
>C12-C28	568	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	53.5		"	50.0		107	70-130			
Calibration Check (P1L2007-CCV3)				Prepared: 1	12/20/21 Aı	nalyzed: 12	/21/21			
C6-C12	549	25.0	mg/kg wet	500		110	85-115			
>C12-C28	561	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	51.2		"	50.0		102	70-130			

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2007 - TX 1005										
Matrix Spike (P1L2007-MS1)	Source	e: 1L17007	7-36	Prepared: 1	12/20/21 Aı	nalyzed: 12	/21/21			
C6-C12	860	25.0	mg/kg dry	1000	11.0	84.9	75-125			
>C12-C28	939	25.0	"	1000	107	83.3	75-125			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	44.9		"	50.0		89.7	70-130			
Matrix Spike Dup (P1L2007-MSD1)	Sourc	e: 1L17007	7-36	Prepared: 1	12/20/21 Aı	nalyzed: 12	/21/21			
C6-C12	832	25.0	mg/kg dry	1000	11.0	82.1	75-125	3.31	20	
>C12-C28	909	25.0	"	1000	107	80.3	75-125	3.70	20	
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	42.9		"	50.0		85.7	70-130			
Batch P1L2009 - TX 1005										
Blank (P1L2009-BLK1)				Prepared: 1	12/20/21 Aı	nalyzed: 12	/21/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	81.1		"	100		81.1	70-130			
Surrogate: o-Terphenyl	45.2		"	50.0		90.4	70-130			
LCS (P1L2009-BS1)				Prepared: 1	12/20/21 Aı	nalyzed: 12	/21/21			
C6-C12	863	25.0	mg/kg wet	1000		86.3	75-125			
>C12-C28	914	25.0	"	1000		91.4	75-125			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	48.0		"	50.0		95.9	70-130			
LCS Dup (P1L2009-BSD1)				Prepared: 1	12/20/21 Aı	nalyzed: 12	/21/21			
C6-C12	892	25.0	mg/kg wet	1000		89.2	75-125	3.26	20	
>C12-C28	928	25.0	"	1000		92.8	75-125	1.57	20	
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	46.7		"	50.0		93.4	70-130			

Permian Basin Environmental Lab, L.P.

Odessa TX, 79765

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

13000 West County Road 100 Project Number: 15278 Project Manager: Tim McMinn

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

Project: Winnebago CTB Flare

	D 1:	Reporting	***	Spike	Source	N/DEC	%REC	DDD	RPD	37.	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch P1L2009 - TX 1005											
Calibration Check (P1L2009-CCV1)				Prepared: 1	12/20/21 A	nalyzed: 12	/21/21				
C6-C12	565	25.0	mg/kg wet	500		113	85-115				
>C12-C28	556	25.0	"	500		111	85-115				
Surrogate: 1-Chlorooctane	112		"	100		112	70-130				
Surrogate: o-Terphenyl	51.6		"	50.0		103	70-130				
Calibration Check (P1L2009-CCV2)				Prepared: 1	12/20/21 A	nalyzed: 12	/21/21				
C6-C12	565	25.0	mg/kg wet	500		113	85-115				
>C12-C28	560	25.0	"	500		112	85-115				
Surrogate: 1-Chlorooctane	111		"	100		111	70-130				
Surrogate: o-Terphenyl	52.0		"	50.0		104	70-130				
Calibration Check (P1L2009-CCV3)		Prepared: 12/20/21 Analyzed: 12/21/21									
C6-C12	555	25.0	mg/kg wet	500		111	85-115				
>C12-C28	549	25.0	"	500		110	85-115				
Surrogate: 1-Chlorooctane	118		"	100		118	70-130				
Surrogate: o-Terphenyl	55.8		"	50.0		112	70-130				
Matrix Spike (P1L2009-MS1)	Sourc	e: 1L17011	-01	Prepared: 1	12/20/21 A	nalyzed: 12	/21/21				
C6-C12	876	28.4	mg/kg dry	1140	17.7	75.6	75-125				
>C12-C28	885	28.4	"	1140	27.2	75.5	75-125				
Surrogate: 1-Chlorooctane	109		"	114		96.3	70-130				
Surrogate: o-Terphenyl	44.4		"	56.8		78.1	70-130				
Matrix Spike Dup (P1L2009-MSD1)	Source	e: 1L17011	-01	Prepared: 1	12/20/21 A	nalyzed: 12	/21/21				
C6-C12	905	28.4	mg/kg dry	1140	17.7	78.1	75-125	3.26	20		
>C12-C28	930	28.4	"	1140	27.2	79.5	75-125	5.11	20		
Surrogate: 1-Chlorooctane	105		"	114		92.7	70-130				
Surrogate: o-Terphenyl	41.6		"	56.8		73.2	70-130				

E Tech Environmental & Safety Solutions, Inc. [1] Project: Winnebago CTB Flare

13000 West County Road 100Project Number:15278Odessa TX, 79765Project Manager:Tim McMinn

Notes and Definitions

S-GC1 Surrogate recovery outside of control limits. A second analysis confirmed the original results...

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

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

recovery.

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.

NPBEL C(Chain of Custody was not generated at PBELAB

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

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: Date: 12/22/2021

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] Project: Winnebago CTB Flare

13000 West County Road 100Project Number: 15278Odessa TX, 79765Project Manager: Tim McMinn

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.

26.0

Company Address:

P.O. Box 62228

Etech Environmental & Safety Solutions, Inc.

Company Name: Project Manager:

Phone: 432-686-7235

Project Name: Winubego

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

(unterria)

Area: Lentennia NM Project #: 15278

1200104

☐Bill Etech

Project Loc: Cest PO#: 94307 Flura

Page 62 of 65

Preservation & # of Containers	Time Sampled Preservation & Hollowith Pres	### Start Depth Constraints Constainers Constainers		Sar by Courier? UPS Temperature Upon Receipt:
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Start Depth End Depth Date Sampled Time Sampled No. of Containers Ice HNO ₃ HCI H ₂ SO ₄ Na ₂ S ₂ O ₃	Start Depth Preservation & # of Containers	Start Depth Preservation & # of Containers	FIELD CODE Start Depth	
FIELD CODE Start Depth End Depth Date Sampled Time Sampled No. of Containers Ice HNO ₃ HCI H ₂ SO ₄ NaOH Na ₂ S ₂ O ₃	FIELD CODE Start Depth End Depth Date Sampled Time Sampled No. of Containers Ice HNO ₃ HCI H ₂ SO ₄ NaOH Na ₂ S ₂ O ₃ None	Start Depth End Depth Date Sampled Time Sampled No. of Containers Ice HNO ₃ HCI H ₂ SO ₄ NaOH Na ₂ S ₂ O ₃ None	FEED CODE Start Depth End Depth Date Sampled Time Sampled No. of Containers Ice HNO3 HCI H ₂ SO ₄ NaOH Na ₂ S ₂ O ₃ None	□ \
1 C 17007 Preservation &	Preservation & # of Containers	1 C M Preservation & # of Containers	email: Tim@etechenv.com Containers	
b use only) RDER #:			nature: Tim@etechenv.com	Matrix 006
b use only)			nature:email: Tim@etechenv.com	
			email: Tim@etechenv.com	

Relinquished by

Page 111 of 317

ORDER #: lab use only) Sampler Signature: Company Address: Company Name: Project Manager: 100 Rankin Hwy Special Instructions LAB # (lab use only) 800 か 4 test East tast 7007 P.O. Box 62228 Etech Environmental & Safety Solutions, Inc. Midland, Texas 79711 105 Tim McMinn internia P-2 U P-3 めいま Burn SME 1 225 Surt-FIELD CODE Surf Swf-1 - Fred Midland Texas 79701 Permian Basin Environmental Lab. LP 1 ŀ - fms 500 SUP 1 Date email: Time Nud Start Depth Received by: **End Depth** Preservation & # of Containers Tim@etechenv.com rswits 12/11/21 2 15/21 **Date Sampled** Phone: 432-686-7235 1410 1320 1460 **340** 1350 1330 1310 1300 9411 150 1130 64 1310 1305 300 Time Sampled No. of Containers HNO₃ П HCI H₂SO₄ NaOH

Na₂S₂O₃

None

Other (Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid

NP=Non-PotableSpecify Other

TPH: 418.1 8015M 1005 1006

Cations (Ca, Mg, Na, K)

Anions (CI, SO4, CO3, HCO3)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semi volatiles

Chlorides

STANDARD TAT

8021B 6030 or BTEX 8260 RCI N.O.R.M.

RUSH TAT(Pre-Schedule) 24, 48, 72 hrs

 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Page 63 of 65

Area: (entenna)

2

PO#:

□Bill Etech

JUN0116

Report Format: STANDARD:

TRRP:

NPDES:

Analyze For:

TOTAL

TCLP:

Project #: Project Name:

15278

Project Loc:

Winnebaso

contranio

Date

10 33m

Temperature Upon Receipt:

Date

Sample Containers Intact? VOCs Free of Headspace? Custody seals on cooler(s) Custody seals on container(s

~ ~ ~

ZZZZZZ

1400 Rankin Hwy

Midland Texas 79701

Company Name: Project Manager:

Etech Environmental & Safety Solutions, Inc.

Tim McMinn

Company Address: P.O. Box 62228

Phone: 132-686-7235

Project Name:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Area (entenna Project #:

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☐Bill Etech

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Wranebago

Project Loc: Low County

Page 64 of 65

Personal December Presentation & # of Combines Presentation & Pre		Bignature Car Combiner Car Combiner Car	40	50		20	4	pt C	ece.	on R	e Up	Temperature Upon Receipt	mpe		S. C. Linne	6	2	三型	7 =		2	7		275		16	Dedoce	gived by:	1	Time	Date		Relinquished by:
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Start Depth End Depth Date Sampled Time Sampled No. of Containers Ice HNO3 HCI H ₂ SO ₄ NaOH Na ₂ S ₂ O ₃ None Other (Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Soild NP=Non-PotableSpecify Other TPH: 418.1 8015M 1005 1006 Cations (Ca, Mg, Na, K) Anions (CI, SO4, CO3, HCO3) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Volatiles Semi volatiles BTEX 8021B 5030 or BTEX 8260 RCI N.O.R.M. Chlorides	Start Depth End Depth Date Sampled Preservation & # of Containers Ice HNO3 HCI H2SO4 NaOH Na2S2O3 None Other (Specify) DW=Drinking Water SL=Siuldge GW = Groundwater S=Soil/Soilid NP=Non-PotableSpecify Other TPH: 418.1 (8015M) 1005 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Volatiles Semi volatiles BTEX 8021B S030 or BTEX 8260 RCI N.O.R.M. Chlorides Cations (Ca, Mg, Ma, Ma) Chlorides Cations (Ca, Mg, Ma, Mg) Cations (Ca, Mg, Mg, Mg) Cations (Ca, Mg, Mg, Mg) Cations (Cations (Ca, Mg, Mg, Mg) Cations (Cations (Ca, Mg, Mg, Mg) Cations (Cations (╣	7	-	4	1	_]	+	7	1		1	4]	_	_	+	+	1		+	1191	t	T		4-4	يو
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DOC #: PBEL_SAMPLE_CHECKLIST EFFECTIVE DATE: 10/30/2021 **REVISION Date: 10/30/2021** REVISION #: PBEL_2021_1

Sample Receipt Checklist

Notes

Variance/Discrepancy:

Resolution:

< Sufficient sample volume for indicated test? Samples in proper container/bottle? Samplers name present on COC? Chain of custody signed/dated/time when relinquished and Analysis requested for all samples submitted? Samples received within appropriate temp? Custody seals intact on sample bottles? Sample containers intact? Chain of Custody agrees with sample labels? Sample date/time present on COC for all samples? Custody seals intact on shipping container/cooler? All samples received within holding time? Shipping container/cooler in good condition?

Page 1 of 2

1117007

Date/Time: Name: Client Contacted

NC Initiated by:

Approved by:

PBEL_SAMPLE_CHECKLIST_2021_1

PBEL_SAMPLE_CHECKLIST_2021_1

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DOC #: PBEL_SAMPLE_CHECKLIST **REVISION Date: 10/30/2021** REVISION #: PBEL_2021_1

SAMPLE VARIANCE/NON-CONFORMANCE

>		

EFFECTIVE DATE: 10/30/2021

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



Analytical Report

Prepared for:

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

Project: Winnebago CTB Flare Project Number: 15278

Location: Lea County, NM

Lab Order Number: 1L20012



Current Certification

Report Date: 12/27/21

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole -1 @ 1'	1L20012-01	Soil	12/17/21 09:00	12-20-2021 10:41
NW-1	1L20012-02	Soil	12/17/21 09:20	12-20-2021 10:41
SW-1	1L20012-03	Soil	12/17/21 09:38	12-20-2021 10:41
EW-1	1L20012-04	Soil	12/17/21 09:42	12-20-2021 10:41
WW-1	1L20012-05	Soil	12/17/21 10:00	12-20-2021 10:41
Stockpile -1	1L20012-06	Soil	12/17/21 10:15	12-20-2021 10:41

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Bottom Hole -1 @ 1' 1L20012-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Kesuit	LIIIII	Omis	Dilution	Dattii	ricpaicu	7 Hidiy 2cd	Method	11010
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:10	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:10	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:10	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:10	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.9 %	80-120		P1L2104	12/21/21 09:42	12/21/21 14:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P1L2104	12/21/21 09:42	12/21/21 14:10	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	159	1.06	mg/kg dry	1	P1L2211	12/22/21 14:34	12/22/21 22:15	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1L2106	12/21/21 15:15	12/22/21 10:26	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 21:41	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 21:41	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 21:41	TPH 8015M	
Surrogate: 1-Chlorooctane		88.0 %	70-130		P1L2210	12/22/21 13:00	12/23/21 21:41	TPH 8015M	
Surrogate: o-Terphenyl		89.1 %	70-130		P1L2210	12/22/21 13:00	12/23/21 21:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	12/22/21 13:00	12/23/21 21:41	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

NW-1 1L20012-02 (Soil)

Amalysta		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:32	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:32	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:32	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:32	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	80-120		P1L2104	12/21/21 09:42	12/21/21 14:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	!	96.9 %	80-120		P1L2104	12/21/21 09:42	12/21/21 14:32	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	59.3	1.02	mg/kg dry	1	P1L2211	12/22/21 14:34	12/22/21 23:12	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2106	12/21/21 15:15	12/22/21 10:26	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:05	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:05	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:05	TPH 8015M	
Surrogate: 1-Chlorooctane	(83.7 %	70-130		P1L2210	12/22/21 13:00	12/23/21 22:05	TPH 8015M	
Surrogate: o-Terphenyl		87.6 %	70-130		P1L2210	12/22/21 13:00	12/23/21 22:05	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/22/21 13:00	12/23/21 22:05	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

SW-1 1L20012-03 (Soil)

Analista		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:53	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:53	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:53	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:53	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 14:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.2 %	80-120		P1L2104	12/21/21 09:42	12/21/21 14:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.5 %	80-120		P1L2104	12/21/21 09:42	12/21/21 14:53	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	10.8	1.02	mg/kg dry	1	P1L2211	12/22/21 14:34	12/22/21 23:31	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2106	12/21/21 15:15	12/22/21 10:26	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:29	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:29	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:29	TPH 8015M	
Surrogate: 1-Chlorooctane		98.5 %	70-130		P1L2210	12/22/21 13:00	12/23/21 22:29	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-130		P1L2210	12/22/21 13:00	12/23/21 22:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/22/21 13:00	12/23/21 22:29	cale	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

EW-1 1L20012-04 (Soil)

Analyte	ъ.	Reporting	TT 14	Dil et	D 4 1	D 1	A mc 1 J	Method	NT-4
1 mary to	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:14	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:14	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:14	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:14	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.9 %	80-120		P1L2104	12/21/21 09:42	12/21/21 15:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1L2104	12/21/21 09:42	12/21/21 15:14	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	51.8	1.02	mg/kg dry	1	P1L2211	12/22/21 14:34	12/22/21 23:50	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2106	12/21/21 15:15	12/22/21 10:26	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	18015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:53	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:53	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 22:53	TPH 8015M	
Surrogate: 1-Chlorooctane		85.5 %	70-130		P1L2210	12/22/21 13:00	12/23/21 22:53	TPH 8015M	
Surrogate: o-Terphenyl		89.8 %	70-130		P1L2210	12/22/21 13:00	12/23/21 22:53	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/22/21 13:00	12/23/21 22:53	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

WW-1 1L20012-05 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:35	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:35	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:35	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:35	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 15:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1L2104	12/21/21 09:42	12/21/21 15:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	!	98.8 %	80-120		P1L2104	12/21/21 09:42	12/21/21 15:35	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	11.3	1.02	mg/kg dry	1	P1L2211	12/22/21 14:34	12/23/21 00:09	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1L2106	12/21/21 15:15	12/22/21 10:26	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 23:17	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 23:17	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 23:17	TPH 8015M	
Surrogate: 1-Chlorooctane	(84.2 %	70-130		P1L2210	12/22/21 13:00	12/23/21 23:17	TPH 8015M	
Surrogate: o-Terphenyl		87.7 %	70-130		P1L2210	12/22/21 13:00	12/23/21 23:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/22/21 13:00	12/23/21 23:17	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Stockpile -1 1L20012-06 (Soil)

Analysta		Reporting							3.7
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 16:39	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 16:39	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 16:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 16:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1L2104	12/21/21 09:42	12/21/21 16:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.3 %	80-120		P1L2104	12/21/21 09:42	12/21/21 16:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	80-120		P1L2104	12/21/21 09:42	12/21/21 16:39	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	27.5	1.00	mg/kg dry	1	P1L2211	12/22/21 14:34	12/23/21 00:28	EPA 300.0	
% Moisture	ND	0.1	%	1	P1L2106	12/21/21 15:15	12/22/21 10:26	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EPA	Method	1 8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 23:41	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 23:41	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1L2210	12/22/21 13:00	12/23/21 23:41	TPH 8015M	
Surrogate: 1-Chlorooctane		85.4 %	70-130		P1L2210	12/22/21 13:00	12/23/21 23:41	TPH 8015M	
Surrogate: o-Terphenyl		87.8 %	70-130		P1L2210	12/22/21 13:00	12/23/21 23:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	12/22/21 13:00	12/23/21 23:41	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyta	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Resuit	Limit	Units	Level	Resuit	%REC	Limits	KPD	Limit	Notes
Batch P1L2104 - *** DEFAULT PREP ***										
Blank (P1L2104-BLK1)				Prepared &	Analyzed:	12/21/21				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.3	80-120			
LCS (P1L2104-BS1)				Prepared &	Analyzed:	12/21/21				
Benzene	0.0955	0.00100	mg/kg wet	0.100	· ·	95.5	70-130			
Toluene	0.0896	0.00100	"	0.100		89.6	70-130			
Ethylbenzene	0.0963	0.00100	"	0.100		96.3	70-130			
Xylene (p/m)	0.199	0.00200	"	0.200		99.7	70-130			
Xylene (o)	0.0853	0.00100	"	0.100		85.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	80-120			
LCS Dup (P1L2104-BSD1)				Prepared &	Analyzed:	12/21/21				
Benzene	0.103	0.00100	mg/kg wet	0.100		103	70-130	7.72	20	
Toluene	0.0981	0.00100	"	0.100		98.1	70-130	9.10	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	70-130	8.32	20	
Xylene (p/m)	0.217	0.00200	"	0.200		108	70-130	8.41	20	
Xylene (o)	0.0936	0.00100	"	0.100		93.6	70-130	9.34	20	
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Calibration Blank (P1L2104-CCB1)				Prepared &	Analyzed:	12/21/21				
Benzene	0.100		mg/kg wet							
Toluene	0.120		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.480		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.5	80-120			

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.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2104 - *** DEFAULT PREP ***										
Calibration Blank (P1L2104-CCB2)				Prepared &	Analyzed:	12/21/21				
Benzene	0.00		mg/kg wet							
Toluene	0.140		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.480		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			
Calibration Check (P1L2104-CCV1)				Prepared &	Analyzed:	12/21/21				
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.0969	0.00100	"	0.100		96.9	80-120			
Ethylbenzene	0.0958	0.00100	"	0.100		95.8	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0921	0.00100	"	0.100		92.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.1	75-125			
Calibration Check (P1L2104-CCV2)				Prepared &	Analyzed:	12/21/21				
Benzene	0.115	0.00100	mg/kg wet	0.100		115	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	75-125			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		100	75-125			
Calibration Check (P1L2104-CCV3)				Prepared &	Analyzed:	12/21/21				
Benzene	0.115	0.00100	mg/kg wet	0.100		115	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			

Permian Basin Environmental Lab, L.P.

 ${\it Surrogate: 4-Bromofluor obenzene}$

Surrogate: 1,4-Difluorobenzene

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

100

98.9

75-125

75-125

0.120

0.120

0.120

0.119

13000 West County Road 100 Odessa TX, 79765

Surrogate: 1,4-Difluorobenzene

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

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

Batch P1L2104 - *** DEFAULT PREP ***

Matrix Spike (P1L2104-MS1)	Sour	ce: 1L21001	-01	Prepared &	Analyzed:	12/21/21				
Benzene	0.0754	0.00108	mg/kg dry	0.108	ND	70.2	80-120			
Toluene	0.0651	0.00108	"	0.108	ND	60.5	80-120			
Ethylbenzene	0.0594	0.00108	"	0.108	ND	55.2	80-120			
Xylene (p/m)	0.120	0.00215	"	0.215	ND	55.9	80-120			
Xylene (o)	0.0535	0.00108	"	0.108	ND	49.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.134		"	0.129		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.129		102	80-120			
Matrix Spike Dup (P1L2104-MSD1)	Sour	ce: 1L21001	-01	Prepared &	Analyzed:	12/21/21				
Benzene	0.0839	0.00108	mg/kg dry	0.108	ND	78.1	80-120	10.7	20	
Toluene	0.0737	0.00108	"	0.108	ND	68.5	80-120	12.4	20	
Ethylbenzene	0.0684	0.00108	"	0.108	ND	63.6	80-120	14.1	20	
Xylene (p/m)	0.139	0.00215	"	0.215	ND	64.5	80-120	14.4	20	
Xylene (o)	0.0612	0.00108	"	0.108	ND	56.9	80-120	13.4	20	
Surrogate: 4-Bromofluorobenzene	0.133		"	0.129		103	80-120			

0.129

102

80-120

0.131

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.

13000 West County Road 100 Project Number: 15278
Odessa TX, 79765 Project Manager: Tim McMinn

Project Manager: Tim McMinn

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

Project: Winnebago CTB Flare

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L2106 - *** DEFAULT PREP ***										
Blank (P1L2106-BLK1)				Prepared: 12	/21/21 Aı	nalyzed: 12/	22/21			
% Moisture	ND	0.1	%							
Blank (P1L2106-BLK2)				Prepared: 12	/21/21 Aı	nalyzed: 12/2	22/21			
% Moisture	ND	0.1	%							
Blank (P1L2106-BLK3)				Prepared: 12	/21/21 Aı	nalyzed: 12/	22/21			
% Moisture	ND	0.1	%							
Blank (P1L2106-BLK4)				Prepared: 12	/21/21 Aı	nalyzed: 12/2	22/21			
% Moisture	ND	0.1	%							
Blank (P1L2106-BLK5)				Prepared: 12	/21/21 Aı	nalyzed: 12/	22/21			
% Moisture	ND	0.1	%							
Blank (P1L2106-BLK6)				Prepared: 12	/21/21 Aı	nalyzed: 12/	22/21			
% Moisture	ND	0.1	%							
Duplicate (P1L2106-DUP1)	Sour	rce: 1L17019-0	02	Prepared: 12	/21/21 Aı	nalyzed: 12/	22/21			
% Moisture	16.0	0.1	%	-	17.0			6.06	20	
Duplicate (P1L2106-DUP2)	Sour	rce: 1L17020-0	07	Prepared: 12	/21/21 Aı	nalyzed: 12/	22/21			
% Moisture	6.0	0.1	%	-	6.0	•		0.00	20	
Duplicate (P1L2106-DUP3)	Sour	rce: 1L20005-0	03	Prepared: 12	/21/21 Aı	nalyzed: 12/	22/21			
% Moisture	14.0	0.1	%	-	13.0			7.41	20	
Duplicate (P1L2106-DUP4)	Sour	rce: 1L20006-0	05	Prepared: 12	/21/21 Aı	nalyzed: 12/	22/21			
% Moisture	7.0	0.1	%		7.0			0.00	20	

13000 West County Road 100 Project Number: 15278
Odessa TX, 79765 Project Manager: Tim McMinn

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

Project: Winnebago CTB Flare

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L2106 - *** DEFAULT PREP ***										
Duplicate (P1L2106-DUP5)	Sour	rce: 1L20007-	07	Prepared:	12/21/21 Aı	nalyzed: 12	/22/21		· · ·	
% Moisture	4.0	0.1	%		5.0			22.2	20	R
Duplicate (P1L2106-DUP6)	Sour	rce: 1L20008-	09	Prepared:	12/21/21 Aı	nalyzed: 12	/22/21			
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P1L2106-DUP7)	Sour	rce: 1L20008-	24	Prepared:	12/21/21 Aı	nalyzed: 12	/22/21			
% Moisture	9.0	0.1	%		10.0			10.5	20	
Duplicate (P1L2106-DUP8)	Sour	rce: 1L20009-	01	Prepared:	12/21/21 Aı	nalyzed: 12	/22/21			
% Moisture	3.0	0.1	%	-	3.0	-		0.00	20	
Duplicate (P1L2106-DUP9)	Sour	rce: 1L20014-	02	Prepared:	12/21/21 Aı	nalyzed: 12	/22/21			
% Moisture	1.0	0.1	%		ND			200	20	R2
Duplicate (P1L2106-DUPA)	Sour	rce: 1L21001-	02	Prepared:	12/21/21 Aı	nalyzed: 12	/22/21			
% Moisture	6.0	0.1	%		5.0			18.2	20	
Batch P1L2211 - *** DEFAULT PREP ***										
Blank (P1L2211-BLK1)				Prepared &	Analyzed:	12/22/21				
Chloride	ND	1.00	mg/kg wet	•						
LCS (P1L2211-BS1)				Prepared &	Analyzed:	12/22/21				
Chloride	39.9		mg/kg	40.0		99.8	90-110			
LCS Dup (P1L2211-BSD1)				Prepared &	Analyzed:	12/22/21				
Chloride	40.1		mg/kg	40.0		100	90-110	0.587	10	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2211 - *** DEFAULT PREP ***										
Calibration Check (P1L2211-CCV1)				Prepared &	& Analyzed:	12/22/21				
Chloride	21.3		mg/kg	20.0		107	90-110			
Calibration Check (P1L2211-CCV2)				Prepared &	& Analyzed:	12/22/21				
Chloride	21.4		mg/kg	20.0		107	90-110			
Matrix Spike (P1L2211-MS1)	Sour	ce: 1L20008	-24	Prepared &	& Analyzed:	12/22/21				
Chloride	1750	5.56	mg/kg dry	556	1170	104	80-120			
Matrix Spike (P1L2211-MS2)	Sour	ce: 1L20012	-01	Prepared &	& Analyzed:	12/22/21				
Chloride	224	1.06	mg/kg dry	532	159	12.2	80-120			QM-0:
Matrix Spike Dup (P1L2211-MSD1)	Sour	ce: 1L20008	-24	Prepared &	& Analyzed:	12/22/21				
Chloride	1760	5.56	mg/kg dry	556	1170	105	80-120	0.326	20	
Matrix Spike Dup (P1L2211-MSD2)	Sour	ce: 1L20012	-01	Prepared &	& Analyzed:	12/22/21				
Chloride	209	1.06	mg/kg dry	532	159	9.28	80-120	7.08	20	QM-03

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1L2210 - TX 1005										
Blank (P1L2210-BLK1)				Prepared: 1	12/22/21 Ar	nalyzed: 12	/23/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	78.2		"	100		78.2	70-130			
Surrogate: o-Terphenyl	38.8		"	50.0		77.7	70-130			
LCS (P1L2210-BS1)				Prepared: 1	12/22/21 Ar	nalyzed: 12	/23/21			
C6-C12	926	25.0	mg/kg wet	1000		92.6	75-125			
>C12-C28	887	25.0	"	1000		88.7	75-125			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	44.4		"	50.0		88.9	70-130			
LCS Dup (P1L2210-BSD1)				Prepared: 1	12/22/21 Ar	nalyzed: 12	/23/21			
C6-C12	935	25.0	mg/kg wet	1000		93.5	75-125	0.913	20	
>C12-C28	900	25.0	"	1000		90.0	75-125	1.46	20	
Surrogate: 1-Chlorooctane	121		"	100		121	70-130			
Surrogate: o-Terphenyl	45.3		"	50.0		90.7	70-130			
Calibration Check (P1L2210-CCV1)				Prepared: 1	12/22/21 Ar	nalyzed: 12	/23/21			
C6-C12	501	25.0	mg/kg wet	500		100	85-115			
>C12-C28	498	25.0	"	500		99.5	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	42.5		"	50.0		85.0	70-130			
Calibration Check (P1L2210-CCV2)				Prepared: 1	12/22/21 Ar	nalyzed: 12	/23/21			
C6-C12	475	25.0	mg/kg wet	500		95.0	85-115			
>C12-C28	449	25.0	"	500		89.8	85-115			
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	42.6		"	50.0		85.3	70-130			

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.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278
Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L2210 - TX 1005										
Matrix Spike (P1L2210-MS1)	Source	ce: 1L20012	-06	Prepared:	12/22/21 A	nalyzed: 12	/24/21			
C6-C12	750	25.0	mg/kg dry	1000	18.4	73.1	75-125			QM-05
>C12-C28	730	25.0	"	1000	22.4	70.8	75-125			QM-05
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	42.0		"	50.0		84.1	70-130			
Matrix Spike Dup (P1L2210-MSD1)	Source	ce: 1L20012	-06	Prepared:	12/22/21 A	nalyzed: 12	/24/21			
C6-C12	718	25.0	mg/kg dry	1000	18.4	69.9	75-125	4.49	20	QM-05
>C12-C28	700	25.0	"	1000	22.4	67.8	75-125	4.30	20	QM-05
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	41.4		"	50.0		82.8	70-130			

13000 West County Road 100

Odessa TX, 79765

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Notes and Definitions

ROI Received on Ice

R2 The RPD exceeded the acceptance limit.

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.

NPBEL CC Chain of Custody was not generated at PBELAB

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

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: Date: 12/27/2021

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1] Project: Winnebago CTB Flare

13000 West County Road 100Project Number: 15278Odessa TX, 79765Project Manager: Tim McMinn

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

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

Permian Basin Environmental Lab, L.P.

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.

Special Ins

Relinquished

Permian Basin Environmental Lab, LP

Midland Texas 79701

Phone: 132-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

	CTB Flan	Winnebago	Project Name: 4
--	----------	-----------	-----------------

40546		PO#:	Area:
Lea Com		Project Loc:	Project #: 15278
CTB Flare	CTB		Project Name: W. nnubago

☐Bill Etech

ORDER #: (lab use on

LAB # (lab use only)

Sampler Signature: City/State/Zip: Company Address: P.O. Box 62228

Midland, Texas 79711

email:

Tim@etechenv.com

Company Name: Project Manager:

Etech Environmental & Safety Solutions, Inc.

Tim McMinn

by:	by:	1	by:	tructions																	=	<u>y</u>	
		WA		to Cent									Stockpile	1-MM	EW-1	SW-	NW	Bottom	FIELD CODE		IL 20012		
Date	Date	24	Date	unnia/		57		THE SECOND STREET, STR					16-1	1		/	-/	Hole -1 8	ODE				
Time	Time	10:01	Time	_														1	Start Depth				
Receiv	Received by:		Receiv	A															End Depth	P			
Received by:	red by:		Received by:	Veed Rush Its	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								12/17/21	12/17/21	12/17/21	12/17/21	12/41/21	12/17/21	Date Sampled	Preservation & # of Containers			
				4/45								3	1015	1000	342	938	920	900	Time Sampled	f Containers	= 1		
				_									_	1	1	-	1	-	No. of Containers				
			1	40									×	×	K	R	×	2	Ice				
																			HNO ₃				
			1	7															HCI H₂SO₄				
			+	10															NaOH				
			1	17/27															Na ₂ S ₂ O ₃				
5			7	4															None				
30	Date		Date	0															Other (Specify)				
20	6		6	_			_	_	_	_	_	_	_	_	-	_	-	_	DW=Drinking Water SL=Sludge	-			
	-		\dashv										5	5	S	S	5	5	GW = Groundwater S=Soil/Solid	Matri			
	Time		Time				_					_		-	_	_	_	_	NP=Non-PotableSpecify Other	×			
_76	त		8										M	ZQ.	×	×	24	×	TPH: 418.1 8015M 1005 10	06		П	
1	Sar	Sar	0	Sal															Cations (Ca, Mg, Na, K)	_		Н	
	Sar by Sampler/Client Rep. ? Sar by Courier? UPS	Custody seals on cooler(s) Sample Hand Delivered	Custody seals on container(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?															Anions (CI, SO4, CO3, HCO3)		TOTAL :	딩	
	Sam	y se Har	y se	Sor Sor															SAR / ESP / CEC		P.	TCLP:	
-	pler, rier?	als o	als	y Co															Metals: As Ag Ba Cd Cr Pb Hg S	e			
	(Clie	on c	on c	ers															Volatiles				
Tomorration I box Donnist	nt Rep	oole	onta	nen Intad															Semi volatiles				
	S ep.	r(s)	iner	ts:									×		×	×	X	×	BTEX 8021B/5030 or BTEX 826	0			
	Ħ,		(s)																RCI			Н	-
	٢																		N.O.R.M.			\neg	
	Fec	_											×	X	R	M	R	8	Chlorides		7	\neg	
	-	XK	\$	3																		\neg	
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റ്	N N N N N N N N N N N N N N N N N N N	zz	z	zz															RUSH TAT(Pre-Schedule) 24, 48	8, 72	hrs		

9

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EFFECTIVE DATE: 10/30/2021 REVISION Date: 10/30/2021 REVISION #: PBEL_2021_1

DOC #: PBEL_SAMPLE_CHECKLIST

Sample Receipt Checklist

Notes

temp 9.0 on Ice

Custody seals intact on shipping container/cooler? Sufficient sample volume for indicated test? Shipping container/cooler in good condition? Samples received within appropriate temp? All samples received within holding time? Custody seals intact on sample bottles? Analysis requested for all samples submitted? Samples in proper container/bottle? Sample containers intact? Chain of Custody agrees with sample Samplers name present on COC? Sample date/time present on COC for all samples? Chain of custody signed/dated/time when relinquished and

Page 1 of 2

PBEL_SAMPLE_CHECKLIST_2021_1

Joz Jar

1120012

NC Initiated by: 0

Approved by:

Date/Time: Name: Client Contacted

8

Resolution:

PBEL_SAMPLE_CHECKLIST_2021_1

SAMPLE VARIANCE/NON-CONFORMANCE

EFFECTIVE DATE: 10/30/2021 **REVISION Date: 10/30/2021** REVISION #: PBEL_2021_1

DOC #: PBEL_SAMPLE_CHECKLIST

Page 2 of 2

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



Analytical Report

Prepared for:

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

Project: Winnebago CTB Flare
Project Number: 15278
Location: Lea County, NM

Lab Order Number: 2A05004



Current Certification

Report Date: 01/06/22

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
East Surface - 1A	2A05004-01	Soil	01/04/22 12:00	01-05-2022 10:35
East Surface - 2A	2A05004-02	Soil	01/04/22 13:25	01-05-2022 10:35
East Surface - 4A	2A05004-03	Soil	01/04/22 13:45	01-05-2022 10:35
East Surface - 5A	2A05004-04	Soil	01/04/22 14:15	01-05-2022 10:35
East Surface - 6A	2A05004-05	Soil	01/04/22 14:45	01-05-2022 10:35
West Surface - 1A	2A05004-06	Soil	01/04/22 15:35	01-05-2022 10:35
South Surface - 1A	2A05004-07	Soil	01/04/22 10:00	01-05-2022 10:35
South Surface - 2A	2A05004-08	Soil	01/04/22 10:30	01-05-2022 10:35
P-6A	2A05004-09	Soil	01/04/22 14:00	01-05-2022 10:35
P-10A	2A05004-10	Soil	01/04/22 11:45	01-05-2022 10:35
P-11A	2A05004-11	Soil	01/04/22 12:00	01-05-2022 10:35

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 1A 2A05004-01 (Soil)

Analyte	I Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	PA / Standa	ard Metl	nods						
% Moisture	6.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA	Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 14:49	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 14:49	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 14:49	TPH 8015M	
Surrogate: 1-Chlorooctane	9	01.4 %	70-130		P2A0501	01/05/22 12:00	01/05/22 14:49	TPH 8015M	
Surrogate: o-Terphenyl	9	2.2 %	70-130		P2A0501	01/05/22 12:00	01/05/22 14:49	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/05/22 12:00	01/05/22 14:49	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 2A 2A05004-02 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

% Moisture	5.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216
Total Petroleum Hydrocarbons C6-	-C35 by EPA	Method	8015M					
C6-C12	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:12	TPH 8015M
>C12-C28	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:12	TPH 8015M
>C28-C35	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:12	TPH 8015M
Surrogate: 1-Chlorooctane	ģ	90.5 %	70-130		P2A0501	01/05/22 12:00	01/05/22 15:12	TPH 8015M
Surrogate: o-Terphenyl	8	89.8 %	70-130		P2A0501	01/05/22 12:00	01/05/22 15:12	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/05/22 12:00	01/05/22 15:12	calc

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 4A 2A05004-03 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	37.5	1.08	mg/kg dry	1	P2A0506	01/05/22 16:39	01/06/22 09:29	EPA 300.0
% Moisture	7.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 5A 2A05004-04 (Soil)

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

General Chemistry Parameters by EPA	A / Standa	ard Meth	ods						
% Moisture	5.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35	5 by EPA	Method	8015M						
C6-C12	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:36	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:36	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:36	TPH 8015M	
Surrogate: 1-Chlorooctane	8	88.1 %	70-130		P2A0501	01/05/22 12:00	01/05/22 15:36	TPH 8015M	
Surrogate: o-Terphenyl	8	89.5 %	70-130		P2A0501	01/05/22 12:00	01/05/22 15:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/05/22 12:00	01/05/22 15:36	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface - 6A 2A05004-05 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

General Chemistry Parameters by	EPA / Standa	ard Meth	ods					
% Moisture	6.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M					
C6-C12	ND	26.6	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:59	TPH 8015M
>C12-C28	ND	26.6	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:59	TPH 8015M
>C28-C35	ND	26.6	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 15:59	TPH 8015M
Surrogate: 1-Chlorooctane	8	5.2 %	70-130		P2A0501	01/05/22 12:00	01/05/22 15:59	TPH 8015M
Surrogate: o-Terphenyl	8	6.5 %	70-130		P2A0501	01/05/22 12:00	01/05/22 15:59	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/05/22 12:00	01/05/22 15:59	calc

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 1A 2A05004-06 (Soil)

Reporting Analyte Result Limit Units Dilution Batch Prepared Analyzed Method Not										
Analysta			Reporting							
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

% Moisture	3.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M					
C6-C12	ND	25.8	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 16:22	TPH 8015M
>C12-C28	ND	25.8	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 16:22	TPH 8015M
>C28-C35	ND	25.8	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 16:22	TPH 8015M
Surrogate: 1-Chlorooctane	8	87.9 %	70-130		P2A0501	01/05/22 12:00	01/05/22 16:22	TPH 8015M
Surrogate: o-Terphenyl	8	89.0 %	70-130		P2A0501	01/05/22 12:00	01/05/22 16:22	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/05/22 12:00	01/05/22 16:22	calc

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 1A 2A05004-07 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

% Moisture	5.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216
Total Petroleum Hydrocarbons C6-C	35 by EPA	Method	8015M					
C6-C12	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 16:46	TPH 8015M
>C12-C28	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 16:46	TPH 8015M
>C28-C35	ND	26.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 16:46	TPH 8015M
Surrogate: 1-Chlorooctane	8	83.8 %	70-130		P2A0501	01/05/22 12:00	01/05/22 16:46	TPH 8015M
Surrogate: o-Terphenyl	8	85.0 %	70-130		P2A0501	01/05/22 12:00	01/05/22 16:46	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/05/22 12:00	01/05/22 16:46	calc

13000 West County Road 100 Odessa TX, 79765

Surrogate: 1-Chlorooctane

Total Petroleum Hydrocarbon

Surrogate: o-Terphenyl

C6-C35

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 2A 2A05004-08 (Soil)

Reporting										
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Permian Basin Environmental Lab, L.P.										
General Chemistry Parameters by EPA / Standard Methods										
% Moisture	2.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216		
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M										
C6-C12	ND	25.5	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 17:09	TPH 8015M		
>C12-C28	60.9	25.5	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 17:09	TPH 8015M		
>C28-C35	ND	25.5	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 17:09	TPH 8015M		

P2A0501

P2A0501

[CALC]

01/05/22 12:00

01/05/22 12:00

01/05/22 12:00

01/05/22 17:09

01/05/22 17:09

01/05/22 17:09

TPH 8015M

TPH 8015M

calc

87.8 %

87.7 %

25.5

60.9

70-130

70-130

mg/kg dry

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-6A 2A05004-09 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	282	1.03	mg/kg dry	1	P2A0506	01/05/22 16:39	01/05/22 18:50	EPA 300.0
% Moisture	3.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216

13000 West County Road 100 Odessa TX, 79765

Total Petroleum Hydrocarbon

C6-C35

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-10A 2A05004-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by EP	A / Standa	ard Metl	hods						
% Moisture	1.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 17:33	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 17:33	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 17:33	TPH 8015M	
Surrogate: 1-Chlorooctane	8	86.6 %	70-130		P2A0501	01/05/22 12:00	01/05/22 17:33	TPH 8015M	
Surrogate: o-Terphenyl	8	86.8 %	70-130		P2A0501	01/05/22 12:00	01/05/22 17:33	TPH 8015M	

[CALC]

01/05/22 12:00

01/05/22 17:33

calc

mg/kg dry

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-11A 2A05004-11 (Soil)

	1	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian Ba	asin Envir	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa								
% Moisture	1.0	0.1	%	1	P2A0505	01/05/22 14:56	01/05/22 15:00	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	32.1	25.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 18:46	TPH 8015M	
>C12-C28	622	25.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 18:46	TPH 8015M	
>C28-C35	121	25.3	mg/kg dry	1	P2A0501	01/05/22 12:00	01/05/22 18:46	TPH 8015M	
Surrogate: 1-Chlorooctane	8	84.3 %	70-130		P2A0501	01/05/22 12:00	01/05/22 18:46	TPH 8015M	
Surrogate: o-Terphenyl	8	87.0 %	70-130		P2A0501	01/05/22 12:00	01/05/22 18:46	TPH 8015M	
Total Petroleum Hydrocarbon	775	25.3	mg/kg dry	1	[CALC]	01/05/22 12:00	01/05/22 18:46	calc	
C6-C35									

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A0505 - *** DEFAULT PREP ***										
Blank (P2A0505-BLK1)				Prepared &	Analyzed:	01/05/22				
% Moisture	ND	0.1	%							
Duplicate (P2A0505-DUP1)	Sour	ce: 2A04002-	09	Prepared &	Analyzed:	01/05/22				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P2A0505-DUP2)	Sour	ce: 2A04004-	09	Prepared &	Analyzed:	01/05/22				
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P2A0505-DUP3)	Sour	ce: 2A04004-	24	Prepared &	: Analyzed:	01/05/22				
% Moisture	16.0	0.1	%		16.0			0.00	20	
Duplicate (P2A0505-DUP4)	Sour	ce: 2A04006-	02	Prepared &	Analyzed:	01/05/22				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P2A0505-DUP5)	Sour	ce: 2A04004-	08	Prepared &	Analyzed:	01/05/22				
% Moisture	2.0	0.1	%		17.0			158	20	R.
Batch P2A0506 - *** DEFAULT PREP ***										
Blank (P2A0506-BLK1)				Prepared &	Analyzed:	01/05/22				
Chloride	ND	1.00	mg/kg wet							
LCS (P2A0506-BS1)				Prepared &	Analyzed:	01/05/22				
Chloride	40.1		mg/kg	40.0		100	90-110			
LCS Dup (P2A0506-BSD1)				Prepared &	Analyzed:	01/05/22				
Chloride	39.8		mg/kg	40.0		99.5	90-110	0.781	10	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278
Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	70KEC	LIIIIIIS	KPD	Liillit	notes
Batch P2A0506 - *** DEFAULT PREP ***										
Calibration Blank (P2A0506-CCB1)				Prepared &	k Analyzed:	01/05/22				
Chloride	0.135		mg/kg wet							
Calibration Blank (P2A0506-CCB2)				Prepared &	& Analyzed:	01/05/22				
Chloride	0.174		mg/kg wet	-	-					
Calibration Check (P2A0506-CCV1)				Prepared &	k Analyzed:	01/05/22				
Chloride	19.3		mg/kg	20.0		96.3	90-110			
Calibration Check (P2A0506-CCV2)				Prepared &	k Analyzed:	01/05/22				
Chloride	18.3		mg/kg	20.0		91.4	90-110			
Calibration Check (P2A0506-CCV3)				Prepared: (01/05/22 A	nalyzed: 01	/06/22			
Chloride	19.2		mg/kg	20.0		96.0	90-110			
Matrix Spike (P2A0506-MS1)	Sour	rce: 2A05004	l-03	Prepared &	k Analyzed:	01/05/22				
Chloride	506	10.8	mg/kg dry	538	37.5	87.2	80-120			
Matrix Spike (P2A0506-MS2)	Sour	ce: 2A04005	5-06	Prepared &	k Analyzed:	01/05/22				
Chloride	17500	62.5	mg/kg dry	3120	13200	138	80-120			QM-0
Matrix Spike Dup (P2A0506-MSD1)	Sour	rce: 2A05004	l-03	Prepared &	& Analyzed:	01/05/22				
Chloride	505	10.8	mg/kg dry	538	37.5	87.0	80-120	0.191	20	
Matrix Spike Dup (P2A0506-MSD2)	Soui	rce: 2A04005	5-06	Prepared &	k Analyzed:	01/05/22				
Chloride	17400	62.5	mg/kg dry	3120	13200	135	80-120	0.572	20	QM-0

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278
Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A0501 - *** DEFAULT PREP ***										
Blank (P2A0501-BLK1)				Prepared &	ኔ Analyzed:	01/05/22				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	88.2		"	100		88.2	70-130			
Surrogate: o-Terphenyl	44.7		"	50.0		89.5	70-130			
LCS (P2A0501-BS1)				Prepared &	ኔ Analyzed:	01/05/22				
C6-C12	909	25.0	mg/kg wet	1000		90.9	75-125			
>C12-C28	852	25.0	"	1000		85.2	75-125			
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	49.5		"	50.0		99.0	70-130			
LCS Dup (P2A0501-BSD1)				Prepared &	ኔ Analyzed:	01/05/22				
C6-C12	886	25.0	mg/kg wet	1000		88.6	75-125	2.52	20	
>C12-C28	830	25.0	"	1000		83.0	75-125	2.58	20	
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	48.2		"	50.0		96.5	70-130			
Calibration Check (P2A0501-CCV1)				Prepared &	ኔ Analyzed:	01/05/22				
C6-C12	499	25.0	mg/kg wet	500		99.8	85-115			
>C12-C28	471	25.0	"	500		94.1	85-115			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	49.7		"	50.0		99.3	70-130			
Calibration Check (P2A0501-CCV2)				Prepared &	ኔ Analyzed:	01/05/22				
C6-C12	472	25.0	mg/kg wet	500		94.4	85-115			
>C12-C28	459	25.0	"	500		91.9	85-115			
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	46.2		"	50.0		92.4	70-130			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100

Odessa TX, 79765

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Notes and Definitions

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

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.

NPBEL CC Chain of Custody was not generated at PBELAB

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

	Drew	Darlor		
Report Approved By:			Date:	1/6/2022

PAR

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] Project: Winnebago CTB Flare

13000 West County Road 100Project Number: 15278Odessa TX, 79765Project Manager: Tim McMinn

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

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

Permian Basin Environmental Lab, L.P.

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: 1-100 Rankin Hwy Tim McMinn

Sampler Signature: City/State/Zip: Company Address: P.O. Box 62228

Midland, Texas 79711

__ email:

Tim@etechenv.com

Midland Texas 79701

Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Winnubago CTB Flure

Project #: 15278 Project Loc: Lea Count

P0#:

94307

□Bill Etech

Area:

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PBEL_SAMPLE_CHECKLIST_2021_1

Yuz Jar

2A05004





EFFECTIVE DATE: 10/30/2021 REVISION Date: 10/30/2021

Samples in proper container/bottle? Sample containers intact? Samplers name present on COC? Chain of custody signed/dated/time when relinquished and received? Sample Receipt Checklist Notes

Page 1 of 2 PBEL_SAMPLE_CHECKLIST_2021_1



DOC #: PBEL_SAMPLE_CHECKLIST

REVISION #: PBEL_2021_1

SAMPLE VARIANCE/NON-CONFORMANCE

NC Initiated by: Approved by:	Date/Time:	Name:	Clent Contacted		Resolution:		

All samples received within holding time?

Analysis requested for all samples submitted?

Custody seals intact on shipping container/cooler?

DOC #: PBEL_SAMPLE_CHECKLIST

EFFECTIVE DATE: 10/30/2021 REVISION Date: 10/30/2021 REVISION #: PBEL_2021_1

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



Analytical Report

Prepared for:

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

Project: Winnebago CTB Flare
Project Number: 15278
Location: Lea County, NM

Lab Order Number: 2A07002



Current Certification

Report Date: 01/10/22

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P-11B	2A07002-01	Soil	01/06/22 14:00	01-07-2022 09:48
Stockpile	2A07002-02	Soil	01/06/22 13:45	01-07-2022 09:48

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-11B 2A07002-01 (Soil)

	I	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Metl	hods						
% Moisture	2.0	0.1	%	1	P2A1005	01/10/22 08:40	01/10/22 08:52	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A0703	01/07/22 13:20	01/07/22 20:51	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A0703	01/07/22 13:20	01/07/22 20:51	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A0703	01/07/22 13:20	01/07/22 20:51	TPH 8015M	
Surrogate: 1-Chlorooctane	8	7.1 %	70-130		P2A0703	01/07/22 13:20	01/07/22 20:51	TPH 8015M	
Surrogate: o-Terphenyl	8	9.2 %	70-130		P2A0703	01/07/22 13:20	01/07/22 20:51	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.5	mg/kg dry	1	[CALC]	01/07/22 13:20	01/07/22 20:51	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Stockpile 2A07002-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
						•			
		P	ermian B	asin Envii	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2A0707	01/07/22 14:50	01/07/22 20:56	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P2A0707	01/07/22 14:50	01/07/22 20:56	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P2A0707	01/07/22 14:50	01/07/22 20:56	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P2A0707	01/07/22 14:50	01/07/22 20:56	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2A0707	01/07/22 14:50	01/07/22 20:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	-	101 %	80-120		P2A0707	01/07/22 14:50	01/07/22 20:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	!	97.4 %	80-120		P2A0707	01/07/22 14:50	01/07/22 20:56	EPA 8021B	
General Chemistry Parameters by l	EPA / Stand	ard Metl	ıods						
Chloride	24.5	1.01	mg/kg dry	1	P2A0706	01/07/22 14:28	01/07/22 18:33	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A1005	01/10/22 08:40	01/10/22 08:52	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	\ Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A0703	01/07/22 13:20	01/07/22 21:15	TPH 8015M	
>C12-C28	90.5	25.3	mg/kg dry	1	P2A0703	01/07/22 13:20	01/07/22 21:15	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A0703	01/07/22 13:20	01/07/22 21:15	TPH 8015M	
Surrogate: 1-Chlorooctane		91.9 %	70-130		P2A0703	01/07/22 13:20	01/07/22 21:15	TPH 8015M	
Surrogate: o-Terphenyl		92.9 %	70-130		P2A0703	01/07/22 13:20	01/07/22 21:15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	90.5	25.3	mg/kg dry	1	[CALC]	01/07/22 13:20	01/07/22 21:15	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
rmanyte	Kesuit	Pilliff	Ullits	LCVCI	Resuit	/0KEC	Lillits	KLD	LIIIII	inotes
Batch P2A0707 - *** DEFAULT PREP ***	*									
Blank (P2A0707-BLK1)				Prepared &	k Analyzed:	01/07/22				
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	0.119		"	0.120		98.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.2	80-120			
LCS (P2A0707-BS1)				Prepared &	& Analyzed:	01/07/22				
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130			
Toluene	0.104	0.00100	"	0.100		104	70-130			
Ethylbenzene	0.112	0.00100	"	0.100		112	70-130			
Xylene (p/m)	0.222	0.00200	"	0.200		111	70-130			
Xylene (o)	0.0999	0.00100	"	0.100		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
LCS Dup (P2A0707-BSD1)				Prepared &	k Analyzed:	01/07/22				
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130	0.0483	20	
Toluene	0.104	0.00100	"	0.100		104	70-130	0.173	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	70-130	0.206	20	
Xylene (p/m)	0.221	0.00200	"	0.200		110	70-130	0.687	20	
Xylene (o)	0.0991	0.00100	"	0.100		99.1	70-130	0.784	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Calibration Blank (P2A0707-CCB1)				Prepared &	k Analyzed:	01/07/22				
Benzene	0.230		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.480		"							
Xylene (o)	0.300		"							
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Permian Basin Environmental Lab, L.P.

Surrogate: 4-Bromofluorobenzene

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

87.0

80-120

0.120

0.104

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kesuit	Limit	Units	Level	Kesuit	70KEC	Limits	KPD	Limit	notes
Batch P2A0707 - *** DEFAULT PREP ***										
Calibration Blank (P2A0707-CCB2)				Prepared &	& Analyzed:	01/07/22				
Benzene	0.00		mg/kg wet							
Toluene	0.160		"							
Ethylbenzene	0.110		"							
Xylene (p/m)	0.130		"							
Xylene (o)	0.110		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.7	80-120			
Calibration Check (P2A0707-CCV1)				Prepared &	& Analyzed:	01/07/22				
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0945	0.00100	"	0.100		94.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.5	75-125			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	75-125			
Calibration Check (P2A0707-CCV2)				Prepared &	& Analyzed:	01/07/22				
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0982	0.00100	"	0.100		98.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	75-125			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			
Matrix Spike (P2A0707-MS1)	Sou	ırce: 2A07002	2-02	Prepared:	01/07/22 An	nalyzed: 01	/08/22			
Benzene	0.0689	0.00101	mg/kg dry	0.101	ND	68.2	80-120			QM-0
Toluene	0.0557	0.00101	"	0.101	0.000515	54.6	80-120			QM-0
Ethylbenzene	0.0345	0.00101	"	0.101	ND	34.2	80-120			QM-0
Xylene (p/m)	0.0635	0.00202	"	0.202	ND	31.4	80-120			QM-0
Xylene (o)	0.0321	0.00101	"	0.101	ND	31.8	80-120			QM-0
Surrogate: 4-Bromofluorobenzene	0.124		"	0.121		102	80-120			

Permian Basin Environmental Lab, L.P.

Surrogate: 1,4-Difluorobenzene

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

104

80-120

0.121

0.126

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

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

Batch P2A0707 - *** DEFAULT PREP ***

Matrix Spike Dup (P2A0707-MSD1)	Sour	rce: 2A07002	2-02	Prepared:	01/07/22 An	alyzed: 0	1/08/22			
Benzene	0.0827	0.00101	mg/kg dry	0.101	ND	81.9	80-120	18.3	20	
Toluene	0.0728	0.00101	"	0.101	0.000515	71.5	80-120	26.8	20	QM-07
Ethylbenzene	0.0517	0.00101	"	0.101	ND	51.2	80-120	39.8	20	QM-07
Xylene (p/m)	0.0959	0.00202	"	0.202	ND	47.4	80-120	40.7	20	QM-07
Xylene (o)	0.0470	0.00101	"	0.101	ND	46.5	80-120	37.6	20	QM-07
Surrogate: 1,4-Difluorobenzene	0.124		"	0.121		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.121		98.4	80-120			

13000 West County Road 100Project Number: 15278Odessa TX, 79765Project Manager: Tim McMinn

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

Project: Winnebago CTB Flare

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A0706 - *** DEFAULT PREP ***										
Blank (P2A0706-BLK1)				Prepared &	Analyzed:	01/07/22				
Chloride	ND	1.00	mg/kg wet							
LCS (P2A0706-BS1)				Prepared &	Analyzed:	01/07/22				
Chloride	40.5		mg/kg	40.0		101	90-110			
LCS Dup (P2A0706-BSD1)				Prepared &	Analyzed:	01/07/22				
Chloride	41.8		mg/kg	40.0		105	90-110	3.22	10	
Calibration Blank (P2A0706-CCB1)				Prepared &	Analyzed:	01/07/22				
Chloride	0.139		mg/kg wet							
Calibration Blank (P2A0706-CCB2)				Prepared &	Analyzed:	01/07/22				
Chloride	0.116		mg/kg wet							
Calibration Check (P2A0706-CCV1)				Prepared &	Analyzed:	01/07/22				
Chloride	19.0		mg/kg	20.0		94.9	90-110			
Calibration Check (P2A0706-CCV2)				Prepared &	Analyzed:	01/07/22				
Chloride	19.4		mg/kg	20.0		97.0	90-110			
Calibration Check (P2A0706-CCV3)				Prepared &	Analyzed:	01/07/22				
Chloride	19.4		mg/kg	20.0		96.8	90-110			
Matrix Spike (P2A0706-MS1)	Sou	rce: 2A07001	-01	Prepared &	Analyzed:	01/07/22				
Chloride	568	1.02	mg/kg dry	255	329	93.5	80-120			
Matrix Spike (P2A0706-MS2)	Source: 2A06002-13		Prepared & Analyzed: 01/07/22							
Chloride	235	1.01	mg/kg dry	253	15.1	87.2	80-120			

13000 West County Road 100 Project Number: 15278
Odessa TX, 79765 Project Manager: Tim McMinn

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

Project: Winnebago CTB Flare

		D (0.1	C		0/DEC		DDD	
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
						,,,,,,,,				
Batch P2A0706 - *** DEFAULT PREP ***										
Matrix Spike Dup (P2A0706-MSD1)	Sou	rce: 2A07001	-01	Prepared &	k Analyzed:	: 01/07/22				
Chloride	566	1.02	mg/kg dry	255	329	92.9	80-120	0.308	20	
Matrix Spike Dup (P2A0706-MSD2)	Sou	rce: 2A06002	-13	Prepared &	k Analyzed:	: 01/07/22				
Chloride	228	1.01	mg/kg dry	253	15.1	84.5	80-120	2.98	20	
Batch P2A1005 - *** DEFAULT PREP ***										
Blank (P2A1005-BLK1)				Prepared &	k Analyzed:	: 01/10/22				
% Moisture	ND	0.1	%							
Blank (P2A1005-BLK2)				Prepared &	k Analyzed:	01/10/22				
% Moisture	ND	0.1	%							
Blank (P2A1005-BLK3)				Prepared &	t Analyzed:	: 01/10/22				
% Moisture	ND	0.1	%							
Duplicate (P2A1005-DUP1)	Sou	rce: 2A06009	-01	Prepared &	t Analyzed:	: 01/10/22				
% Moisture	5.0	0.1	%	•	5.0			0.00	20	
Duplicate (P2A1005-DUP2)	Sou	rce: 2A06010	-02	Prepared &	k Analyzed:	: 01/10/22				
% Moisture	ND	0.1	%		1.0			200	20	R.
Duplicate (P2A1005-DUP3)	Sou	rce: 2A07002	-01	Prepared &	k Analyzed:	: 01/10/22				
% Moisture	2.0	0.1	%	parea e	2.0			0.00	20	
	~									
Duplicate (P2A1005-DUP4)		rce: 2A07007		Prepared &	k Analyzed:	: 01/10/22				
% Moisture	2.0	0.1	%		2.0			0.00	20	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278
Project Manager: Tim McMinn

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

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

Batch P2A1005 - *** DEFAULT PREP ***

Duplicate (P2A1005-DUP5)	Source: 2A	A 07015-0	2	Prepared & Analyzed: 01/10/22		
% Moisture	6.0	0.1	%	7.0	15.4	20

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278
Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A0703 - *** DEFAULT PREP ***										
Blank (P2A0703-BLK1)				Prepared &	ኔ Analyzed:	01/07/22				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	90.8		"	100		90.8	70-130			
Surrogate: o-Terphenyl	46.2		"	50.0		92.5	70-130			
LCS (P2A0703-BS1)				Prepared &	ኔ Analyzed:	01/07/22				
C6-C12	967	25.0	mg/kg wet	1000		96.7	75-125			
>C12-C28	877	25.0	"	1000		87.7	75-125			
Surrogate: 1-Chlorooctane	93.5		"	100		93.5	70-130			
Surrogate: o-Terphenyl	53.3		"	50.0		107	70-130			
LCS Dup (P2A0703-BSD1)				Prepared &	ኔ Analyzed:	01/07/22				
C6-C12	990	25.0	mg/kg wet	1000		99.0	75-125	2.35	20	
>C12-C28	895	25.0	"	1000		89.5	75-125	2.09	20	
Surrogate: 1-Chlorooctane	96.3		"	100		96.3	70-130			
Surrogate: o-Terphenyl	52.4		"	50.0		105	70-130			
Calibration Check (P2A0703-CCV1)				Prepared &	ኔ Analyzed:	01/07/22				
C6-C12	489	25.0	mg/kg wet	500		97.9	85-115			
>C12-C28	469	25.0	"	500		93.8	85-115			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	50.1		"	50.0		100	70-130			
Calibration Check (P2A0703-CCV2)				Prepared &	ኔ Analyzed:	01/07/22				
C6-C12	495	25.0	mg/kg wet	500		99.0	85-115			
>C12-C28	479	25.0	"	500		95.9	85-115			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	50.6		"	50.0		101	70-130			

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278
Project Manager: Tim McMinn

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

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

Batch P2A0703 - *** DEFAULT PREP ***

Duplicate (P2A0703-DUP1)	Source	: 2A07009-01	Prepared: 01/07/22 Analyz	ed: 01/08/22	
C6-C12	374	291 mg/kg dry	377	0.960	20
>C12-C28	2300	291 "	2320	1.25	20
Surrogate: 1-Chlorooctane	108	"	116 9	3.1 70-130	
Surrogate: o-Terphenyl	56.0	"	58.1 9	6.4 70-130	

E Tech Environmental & Safety Solutions, Inc. [1] Project: Winnebago CTB Flare

13000 West County Road 100Project Number:15278Odessa TX, 79765Project Manager:Tim McMinn

Notes and Definitions

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

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

recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

	Drew	Darron			
Report Approved By:			Date:	1/10/2022	

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.

ge 16	7 of 31
1 100 Rankin Hwy	PBBI,
Midland Texas 797	AB Permian Bas
701	in Environmental Lab.
Phone: 432-686-7235	.
	CH/

Project Name:	Relinquished by: Date Time Received by:	Relinquished by: Cate Time Received by:	1 9.49 E	Refinquished by: Date Time Received by:	I Crow Co	Special Instructions: R. II to (intendial Resource Development										1/6/22 1345 1 X	7) P-11B 116/22 1400 1 ×	LAB# (lab use only) THE COMMITTEE C	Preservation & # of Containers	(lab use only) ORDER #: 3P07b03		Sampler Signature: Midland, Texas 79711 email: Tim@etechenv.com	ši.	Project Manager: Tim McMinn Company Name: Etech Environmental & Safety Solutions, Inc.	1.00 Kankin Hwy		Common Days By Boundary
	SALIN N	Lab	7	Lan	Dat.													NaOH Na ₂ S ₂ O ₃ None			Report		Area	Proje			* .
Project Loc: Le Projec	1200 P3	ā			Time	. ω +		1 0) [] [=†.		-	+_	1_		×	×	GW = Groundwater S=Soil/Solid NP=Non-PotableSpecify Other TPH: 418.1 8015M 1005	100	+	t Format: STANDARI	II Etech	•	17	<u>_</u>	In tunes	5
00:	emperature Upon Rec	sar by Sampler/Sem sar by Courier? U	Sample Hand Delivere	Justody seals on cool	/OCs Free of Headsp	Sample Containers Intuition	ahoratory Comme											SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb H. Volatiles			17,700 iii		PO#:		3		- 2
	celpto & L		ŋă Ŝ	ler(s)	oace? tainer(s)	act?	1-] [BTEX 8021B) 5030 or BTEX 8 RCI N.O.R.M.	8260	+=+=	NPDES:0			oc: Lea County	8		

STANDARD TAT

PBEL_SAMPLE_CHECKLIST_2021_1

PBBLAB

REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

DOC #: PBEL_SAMPLE_CHECKLIST

Sample Receipt Checklist

Notes

Chain of custody signed/dated/time when relinquished and received?

Estate Sat State present on COC?

Samplers name present on COC?

Sample containers intact?

Sample containers intact?

Samples in proper container/bottle?

Samples received within holding time?

All samples requested for all samples submitted?

Samples requested for all samples submitted?

Custody seals intact on shipping container/cooler?

LoginNotes:

PBELAB

DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021

EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Approved by:	NC Initiated by:	
	Date/Time:	
6.1	Client Contacted Name:	
•		
	Resolution:	
	Variance/Discrepancy:	

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2

Page 2 of 2

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



Analytical Report

Prepared for:

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

Project: Winnebago CTB Flare
Project Number: 15278
Location: Lea County, NM

Lab Order Number: 2A21009



Current Certification

Report Date: 02/01/22

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
East Surface-1AH @ 2-5"	2A21009-01	Soil	01/19/22 11:00	01-21-2022 14:00
East Surface-1AH @ 5-8"	2A21009-02	Soil	01/19/22 11:04	01-21-2022 14:00
East Surface-2AH @ 2-5"	2A21009-03	Soil	01/19/22 11:08	01-21-2022 14:00
East Surface-2AH @ 5-8"	2A21009-04	Soil	01/19/22 11:12	01-21-2022 14:00
East Surface-3AH @ 0-3"	2A21009-05	Soil	01/19/22 11:16	01-21-2022 14:00
East Surface-3AH @ 3"-6"	2A21009-06	Soil	01/19/22 11:20	01-21-2022 14:00
East Surface-4AH @ 3"-6"	2A21009-07	Soil	01/19/22 11:24	01-21-2022 14:00
East Surface-4AH @ 6"-9"	2A21009-08	Soil	01/19/22 11:28	01-21-2022 14:00
East Surface-5AH @ 2-5"	2A21009-09	Soil	01/19/22 11:32	01-21-2022 14:00
East Surface-5AH @ 5-8"	2A21009-10	Soil	01/19/22 11:36	01-21-2022 14:00
East Surface-6AH @ 2-5"	2A21009-11	Soil	01/19/22 11:40	01-21-2022 14:00
East Surface-6AH @ 5-8"	2A21009-12	Soil	01/19/22 11:44	01-21-2022 14:00
East Surface-7AH @ 0-3"	2A21009-13	Soil	01/19/22 11:48	01-21-2022 14:00
East Surface-7AH @ 3"-6"	2A21009-14	Soil	01/19/22 11:52	01-21-2022 14:00
East Surface-8AH @ 0-3"	2A21009-15	Soil	01/19/22 11:56	01-21-2022 14:00
East Surface-8AH @ 3"-6"	2A21009-16	Soil	01/19/22 12:00	01-21-2022 14:00
East Surface-9AH @ 0-3"	2A21009-17	Soil	01/19/22 12:04	01-21-2022 14:00
East Surface-9AH @ 3"-6"	2A21009-18	Soil	01/19/22 12:08	01-21-2022 14:00
East Surface-10AH @ 0-3"	2A21009-19	Soil	01/19/22 12:12	01-21-2022 14:00
East Surface-10AH @ 3"-6"	2A21009-20	Soil	01/19/22 12:16	01-21-2022 14:00
East Surface-11AH @ 0-3"	2A21009-21	Soil	01/19/22 12:20	01-21-2022 14:00
East Surface-11AH @ 3"-6"	2A21009-22	Soil	01/19/22 12:24	01-21-2022 14:00
East Surface-12AH @ 0-3"	2A21009-23	Soil	01/19/22 12:28	01-21-2022 14:00
East Surface-12AH @ 3"-6"	2A21009-24	Soil	01/19/22 12:32	01-21-2022 14:00
East Surface-13AH @ 0-3"	2A21009-25	Soil	01/19/22 12:36	01-21-2022 14:00
East Surface-13AH @ 3"-6"	2A21009-26	Soil	01/19/22 12:40	01-21-2022 14:00
East Berm Surface-1AH @ 0-3"	2A21009-27	Soil	01/19/22 10:40	01-21-2022 14:00
East Berm Surface-1AH @ 3"-6"	2A21009-28	Soil	01/19/22 10:45	01-21-2022 14:00
East Berm Surface-2AH @ 0-3"	2A21009-29	Soil	01/19/22 10:30	01-21-2022 14:00
East Berm Surface-2AH @ 3"-6"	2A21009-30	Soil	01/19/22 10:35	01-21-2022 14:00
East Berm Surface-3AH @ 0-3"	2A21009-31	Soil	01/19/22 10:20	01-21-2022 14:00
East Berm Surface-3AH @ 3"-6"	2A21009-32	Soil	01/19/22 10:25	01-21-2022 14:00
East Berm Surface-4AH @ 0-3"	2A21009-33	Soil	01/19/22 10:10	01-21-2022 14:00
East Berm Surface-4AH @ 3"-6"	2A21009-34	Soil	01/19/22 10:15	01-21-2022 14:00

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
East Berm Surface-5AH @ 0-3"	2A21009-35	Soil	01/19/22 10:00	01-21-2022 14:00
East Berm Surface-5AH @ 3"-6"	2A21009-36	Soil	01/19/22 10:05	01-21-2022 14:00
West Surface - 1AH @ 4"-7"	2A21009-37	Soil	01/19/22 12:46	01-21-2022 14:00
West Surface - 1AH @ 7"-10"	2A21009-38	Soil	01/19/22 12:50	01-21-2022 14:00
West Surface - 2AH @ 0"-3"	2A21009-39	Soil	01/19/22 12:54	01-21-2022 14:00
West Surface - 2AH @ 3"-6"	2A21009-40	Soil	01/19/22 12:58	01-21-2022 14:00
West Surface - 3AH @ 0"-3"	2A21009-41	Soil	01/19/22 13:02	01-21-2022 14:00
West Surface - 3AH @ 3"-6"	2A21009-42	Soil	01/19/22 13:06	01-21-2022 14:00
West Surface - 4AH @ 0"-3"	2A21009-43	Soil	01/19/22 13:10	01-21-2022 14:00
West Surface - 4AH @ 3"-6"	2A21009-44	Soil	01/19/22 13:14	01-21-2022 14:00
South Surface - 1AH @ 2"-5"	2A21009-45	Soil	01/19/22 13:18	01-21-2022 14:00
South Surface - 1AH @ 5"-8"	2A21009-46	Soil	01/19/22 13:22	01-21-2022 14:00
South Surface - 2AH @ 2"-5"	2A21009-47	Soil	01/19/22 13:26	01-21-2022 14:00
South Surface - 2AH @ 5"-8"	2A21009-48	Soil	01/19/22 13:30	01-21-2022 14:00
South Surface - 3AH @ 0"-3"	2A21009-49	Soil	01/19/22 13:34	01-21-2022 14:00
South Surface - 3AH @ 3"-6"	2A21009-50	Soil	01/19/22 13:38	01-21-2022 14:00
P-1AH @ 0"-3"	2A21009-51	Soil	01/19/22 13:42	01-21-2022 14:00
P-1AH @ 3"-6"	2A21009-52	Soil	01/19/22 13:46	01-21-2022 14:00
P-2AH @ 0"-3"	2A21009-53	Soil	01/19/22 13:50	01-21-2022 14:00
P-2AH @ 3"-6"	2A21009-54	Soil	01/19/22 13:54	01-21-2022 14:00
P-3AH @ 0"-3"	2A21009-55	Soil	01/19/22 13:58	01-21-2022 14:00
P-3AH @ 3"-6"	2A21009-56	Soil	01/19/22 14:02	01-21-2022 14:00
P-4AH @ 0"-3"	2A21009-57	Soil	01/19/22 14:06	01-21-2022 14:00
P-4AH @ 3"-6"	2A21009-58	Soil	01/19/22 14:10	01-21-2022 14:00
P-5AH @ 0"-3"	2A21009-59	Soil	01/19/22 14:14	01-21-2022 14:00
P-5AH @ 3"-6"	2A21009-60	Soil	01/19/22 14:18	01-21-2022 14:00
P-6AH @ 4"-7"	2A21009-61	Soil	01/19/22 14:22	01-21-2022 14:00
P-6AH @ 7"-10"	2A21009-62	Soil	01/19/22 14:26	01-21-2022 14:00
P-7AH @ 0"-3"	2A21009-63	Soil	01/19/22 14:30	01-21-2022 14:00
P-7AH @ 3"-6"	2A21009-64	Soil	01/19/22 14:34	01-21-2022 14:00
P-8AH @ 0"-3"	2A21009-65	Soil	01/19/22 14:38	01-21-2022 14:00
P-8AH @ 3"-6"	2A21009-66	Soil	01/19/22 14:42	01-21-2022 14:00
P-9AH @ 0"-3"	2A21009-67	Soil	01/19/22 14:46	01-21-2022 14:00
P-9AH @ 3"-6"	2A21009-68	Soil	01/19/22 14:50	01-21-2022 14:00

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P-10AH @ 2"-5"	2A21009-69	Soil	01/19/22 14:54	01-21-2022 14:00
P-10AH @ 5"-8"	2A21009-70	Soil	01/19/22 14:58	01-21-2022 14:00
P-11AH @ 5"-8"	2A21009-71	Soil	01/19/22 15:02	01-21-2022 14:00
P-11AH @ 8"-11"	2A21009-72	Soil	01/19/22 15:06	01-21-2022 14:00
P-12AH @ 0"-3"	2A21009-73	Soil	01/19/22 15:10	01-21-2022 14:00
P-12AH @ 3"-6"	2A21009-74	Soil	01/19/22 15:14	01-21-2022 14:00

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-1AH @ 2-5" 2A21009-01 (Soil)

		Reporting	•	•					
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	135	1.03	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 18:27	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 16:36	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 16:36	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 16:36	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P2A2301	01/23/22 13:00	01/23/22 16:36	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P2A2301	01/23/22 13:00	01/23/22 16:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 16:36	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-1AH @ 5-8" 2A21009-02 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 	EPA / Stand	lard Metl	hods						
Chloride	81.5	1.05	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 18:42	EPA 300.0	
% Moisture	5.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	26.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 16:57	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 16:57	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 16:57	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-130		P2A2301	01/23/22 13:00	01/23/22 16:57	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P2A2301	01/23/22 13:00	01/23/22 16:57	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 16:57	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-2AH @ 2-5" 2A21009-03 (Soil)

	_			<u> </u>					
Analyte	Dogult	Reporting	Units	Dilution	Dotah	Dranarad	Analyzed	Method	Notes
- many te	Result	Limit	Units	Dilution	Batch	Prepared	Anaryzeu	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	PA / Stand	lard Metl	nods						
Chloride	71.0	1.02	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 18:58	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 17:18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 17:18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 17:18	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P2A2301	01/23/22 13:00	01/23/22 17:18	TPH 8015M	
Surrogate: o-Terphenyl		123 %	70-130		P2A2301	01/23/22 13:00	01/23/22 17:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 17:18	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-2AH @ 5-8" 2A21009-04 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 1	EPA / Stand	ard Metl	hods						
Chloride	48.8	1.04	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 19:13	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 17:39	TPH 8015M	
>C12-C28	44.3	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 17:39	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 17:39	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P2A2301	01/23/22 13:00	01/23/22 17:39	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P2A2301	01/23/22 13:00	01/23/22 17:39	TPH 8015M	
Total Petroleum Hydrocarbon	44.3	26.0	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 17:39	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-3AH @ 0-3" 2A21009-05 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Stand	lard Metl	hods						
Chloride	200	1.02	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 19:28	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:00	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:00	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:00	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P2A2301	01/23/22 13:00	01/23/22 18:00	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P2A2301	01/23/22 13:00	01/23/22 18:00	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 18:00	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-3AH @ 3"-6" 2A21009-06 (Soil)

	1	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		n	· n	. в	4 11	1 T D			
		P	ermian B	asın Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Metl	hods						
Chloride	183	1.03	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 20:14	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:21	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:21	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P2A2301	01/23/22 13:00	01/23/22 18:21	TPH 8015M	
Surrogate: o-Terphenyl		127 %	70-130		P2A2301	01/23/22 13:00	01/23/22 18:21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 18:21	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-4AH @ 3"-6" 2A21009-07 (Soil)

		D							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Stand	lard Metl	hods						
Chloride	63.5	1.02	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 21:00	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:42	TPH 8015M	
>C12-C28	41.5	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:42	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 18:42	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P2A2301	01/23/22 13:00	01/23/22 18:42	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P2A2301	01/23/22 13:00	01/23/22 18:42	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	41.5	25.5	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 18:42	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-4AH @ 6"-9" 2A21009-08 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	40.1	1.05	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 21:15	EPA 300.0	
% Moisture	5.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	26.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:03	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:03	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:03	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-130		P2A2301	01/23/22 13:00	01/23/22 19:03	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P2A2301	01/23/22 13:00	01/23/22 19:03	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 19:03	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-5AH @ 2-5" 2A21009-09 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 1	EPA / Stand	ard Metl	hods						
Chloride	82.3	1.02	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 21:31	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:24	TPH 8015M	
>C12-C28	110	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:24	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:24	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P2A2301	01/23/22 13:00	01/23/22 19:24	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P2A2301	01/23/22 13:00	01/23/22 19:24	TPH 8015M	
Total Petroleum Hydrocarbon	110	25.5	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 19:24	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-5AH @ 5-8" 2A21009-10 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 1	EPA / Stand	ard Metl	ıods						
Chloride	62.4	1.04	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 21:46	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:45	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:45	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 19:45	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-130		P2A2301	01/23/22 13:00	01/23/22 19:45	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P2A2301	01/23/22 13:00	01/23/22 19:45	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 19:45	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-6AH @ 2-5" 2A21009-11 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
Chloride	2130	5.15	mg/kg dry	5	P2A2405	01/24/22 12:17	01/24/22 22:01	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 20:47	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 20:47	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 20:47	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P2A2301	01/23/22 13:00	01/23/22 20:47	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P2A2301	01/23/22 13:00	01/23/22 20:47	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.8	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 20:47	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-6AH @ 5-8" 2A21009-12 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		D	n	Fi		-L T D			
		r	ermian B	asın Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
Chloride	75.3	1.33	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 22:17	EPA 300.0	
% Moisture	25.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	33.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:08	TPH 8015M	
>C12-C28	ND	33.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:08	TPH 8015M	
>C28-C35	ND	33.3	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:08	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-130		P2A2301	01/23/22 13:00	01/23/22 21:08	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P2A2301	01/23/22 13:00	01/23/22 21:08	TPH 8015M	
Total Petroleum Hydrocarbon	ND	33.3	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 21:08	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-7AH @ 0-3" 2A21009-13 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	70.1	1.02	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 22:32	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:29	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:29	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:29	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-130		P2A2301	01/23/22 13:00	01/23/22 21:29	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P2A2301	01/23/22 13:00	01/23/22 21:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 21:29	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-7AH @ 3"-6" 2A21009-14 (Soil)

	1	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	rd Met	hods						
Chloride	35.5	1.04	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 22:47	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:50	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:50	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 21:50	TPH 8015M	
Surrogate: 1-Chlorooctane	9	9.4 %	70-130		P2A2301	01/23/22 13:00	01/23/22 21:50	TPH 8015M	
Surrogate: o-Terphenyl		117%	70-130		P2A2301	01/23/22 13:00	01/23/22 21:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 21:50	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-8AH @ 0-3" 2A21009-15 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
Chloride	63.4	1.02	mg/kg dry	1	P2A2405	01/24/22 12:17	01/24/22 23:03	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:10	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:10	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:10	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-130		P2A2301	01/23/22 13:00	01/23/22 22:10	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P2A2301	01/23/22 13:00	01/23/22 22:10	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 22:10	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-8AH @ 3"-6" 2A21009-16 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
Chloride	41.5	1.03	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 16:22	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:31	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:31	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:31	TPH 8015M	
Surrogate: 1-Chlorooctane		117 %	70-130		P2A2301	01/23/22 13:00	01/23/22 22:31	TPH 8015M	
Surrogate: o-Terphenyl		138 %	70-130		P2A2301	01/23/22 13:00	01/23/22 22:31	TPH 8015M	S-GC
Total Petroleum Hydrocarbon	ND	25.8	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 22:31	calc	

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Number: 15278
Project Manager: Tim McMinn

East Surface-9AH @ 0-3" 2A21009-17 (Soil)

		Reporting		•					
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	PA / Stand	lard Metl	nods						
Chloride	11.1	1.22	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 17:08	EPA 300.0	
% Moisture	18.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA	Method	8015M						
C6-C12	ND	30.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:52	TPH 8015M	
>C12-C28	ND	30.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:52	TPH 8015M	
>C28-C35	ND	30.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 22:52	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P2A2301	01/23/22 13:00	01/23/22 22:52	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-130		P2A2301	01/23/22 13:00	01/23/22 22:52	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	30.5	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 22:52	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-9AH @ 3"-6" 2A21009-18 (Soil)

Analyte	D l4	Reporting	T.I	Diletien	Detel	D 1	Analyzad	Method	Notes
7 mary co	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	iviethod	Notes
		P	ermian B	asin Envi	ronmental L	Lab, L.P.			
General Chemistry Parameters by E	PA / Stand	lard Metl	hods						
Chloride	57.3	1.04	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 17:23	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	C35 by EPA	Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:13	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:13	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:13	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P2A2301	01/23/22 13:00	01/23/22 23:13	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P2A2301	01/23/22 13:00	01/23/22 23:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 23:13	calc	

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Number: 15278
Project Manager: Tim McMinn

East Surface-10AH @ 0-3" 2A21009-19 (Soil)

		D		_	_				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
							,		
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	PA / Stand	lard Metl	ıods						
Chloride	69.1	1.02	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 17:38	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	C35 by EPA	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:34	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:34	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:34	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P2A2301	01/23/22 13:00	01/23/22 23:34	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P2A2301	01/23/22 13:00	01/23/22 23:34	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 23:34	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-10AH @ 3"-6" 2A21009-20 (Soil)

	,	Dti							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Met	hods						
Chloride	30.6	1.03	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 17:54	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:55	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:55	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2301	01/23/22 13:00	01/23/22 23:55	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P2A2301	01/23/22 13:00	01/23/22 23:55	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P2A2301	01/23/22 13:00	01/23/22 23:55	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/23/22 13:00	01/23/22 23:55	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-11AH @ 0-3" 2A21009-21 (Soil)

	_	D .:	_		_				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit	Cints	Dilution	Daten	Trepared	111111,204		110100
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	PA / Stand	lard Metl	hods						
Chloride	48.9	1.02	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 18:09	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 16:49	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 16:49	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 16:49	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P2A2302	01/23/22 13:02	01/23/22 16:49	TPH 8015M	
Surrogate: o-Terphenyl		117 %	70-130		P2A2302	01/23/22 13:02	01/23/22 16:49	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 16:49	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-11AH @ 3"-6" 2A21009-22 (Soil)

Analyte		Reporting					A 1 1	M 4 1	NI 4
Allaryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by El	PA / Stand	lard Metl	nods						
Chloride	19.8	1.04	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 18:24	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA	Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:10	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:10	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:10	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P2A2302	01/23/22 13:02	01/23/22 17:10	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P2A2302	01/23/22 13:02	01/23/22 17:10	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 17:10	calc	

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278 Project Manager: Tim McMinn

East Surface-12AH @ 0-3" 2A21009-23 (Soil)

Analyta		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	Lab, L.P.			
General Chemistry Parameters by E	PA / Stand	ard Metl	nods						
Chloride	37.8	1.03	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 18:39	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:32	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:32	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:32	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P2A2302	01/23/22 13:02	01/23/22 17:32	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P2A2302	01/23/22 13:02	01/23/22 17:32	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 17:32	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-12AH @ 3"-6" 2A21009-24 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 	EPA / Stand	lard Metl	hods						
Chloride	28.3	1.03	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 18:55	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:53	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:53	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 17:53	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P2A2302	01/23/22 13:02	01/23/22 17:53	TPH 8015M	
Surrogate: o-Terphenyl		127 %	70-130		P2A2302	01/23/22 13:02	01/23/22 17:53	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 17:53	calc	

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Number: 15278
Project Manager: Tim McMinn

East Surface-13AH @ 0-3" 2A21009-25 (Soil)

							·		· ·
]	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Metl	hods						
Chloride	129	1.02	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 19:10	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:15	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:15	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:15	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P2A2302	01/23/22 13:02	01/23/22 18:15	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P2A2302	01/23/22 13:02	01/23/22 18:15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 18:15	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Surface-13AH @ 3"-6" 2A21009-26 (Soil)

	I	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		р	ermian R	asin Envi	ronmental L	ah L.P			
		•	Ci illian D	asin Envi	ommentar L	ab, 1.1.			
General Chemistry Parameters by	EPA / Standa	ard Met	hods						
Chloride	74.4	1.04	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 19:56	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EPA	Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:36	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:36	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:36	TPH 8015M	
Surrogate: 1-Chlorooctane	9	9.6 %	70-130		P2A2302	01/23/22 13:02	01/23/22 18:36	TPH 8015M	
Surrogate: o-Terphenyl		117 %	70-130		P2A2302	01/23/22 13:02	01/23/22 18:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 18:36	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-1AH @ 0-3" 2A21009-27 (Soil)

Analyte		Reporting	I Iid.	Dibatian	D-4-b	Davis and d	Analyzed	Method	Notes
Tillaryte	Result	Limit	Units	Dilution	Batch	Prepared	Allalyzeu	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
Chloride	17.9	1.01	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 20:42	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:58	TPH 8015M	
>C12-C28	33.2	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:58	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 18:58	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P2A2302	01/23/22 13:02	01/23/22 18:58	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P2A2302	01/23/22 13:02	01/23/22 18:58	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	33.2	25.3	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 18:58	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-1AH @ 3"-6" 2A21009-28 (Soil)

Analyte		Reporting						36.4.1	37.
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Met	hods						
Chloride	3.97	1.02	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 20:57	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 19:19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 19:19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 19:19	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P2A2302	01/23/22 13:02	01/23/22 19:19	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P2A2302	01/23/22 13:02	01/23/22 19:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 19:19	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-2AH @ 0-3" 2A21009-29 (Soil)

		D .:							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Lillit	Onits	Dilution	Daten	Trepared	rmaryzea	Wethou	110103
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 1	EPA / Stand	ard Metl	hods						
Chloride	15.4	1.01	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 21:12	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 19:40	TPH 8015M	
>C12-C28	60.0	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 19:40	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 19:40	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P2A2302	01/23/22 13:02	01/23/22 19:40	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P2A2302	01/23/22 13:02	01/23/22 19:40	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	60.0	25.3	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 19:40	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-2AH @ 3"-6" 2A21009-30 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by l	EPA / Stand	lard Metl	hods						
Chloride	23.4	1.01	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 21:28	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 20:02	TPH 8015M	
>C12-C28	210	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 20:02	TPH 8015M	
>C28-C35	54.9	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 20:02	TPH 8015M	
Surrogate: 1-Chlorooctane		117 %	70-130		P2A2302	01/23/22 13:02	01/23/22 20:02	TPH 8015M	
Surrogate: o-Terphenyl		135 %	70-130		P2A2302	01/23/22 13:02	01/23/22 20:02	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	265	25.3	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 20:02	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-3AH @ 0-3" 2A21009-31 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
Chloride	3.99	1.02	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 21:43	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:06	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:06	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:06	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P2A2302	01/23/22 13:02	01/23/22 21:06	TPH 8015M	
Surrogate: o-Terphenyl		133 %	70-130		P2A2302	01/23/22 13:02	01/23/22 21:06	TPH 8015M	S-GC
Total Petroleum Hydrocarbon	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 21:06	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-3AH @ 3"-6" 2A21009-32 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	2.80	1.03	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 21:58	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:27	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:27	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:27	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P2A2302	01/23/22 13:02	01/23/22 21:27	TPH 8015M	
Surrogate: o-Terphenyl		135 %	70-130		P2A2302	01/23/22 13:02	01/23/22 21:27	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 21:27	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-4AH @ 0-3" 2A21009-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand			.,,		, 2111			
Chloride	13.2	1.01	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 22:14	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:48	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:48	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 21:48	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P2A2302	01/23/22 13:02	01/23/22 21:48	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P2A2302	01/23/22 13:02	01/23/22 21:48	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 21:48	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-4AH @ 3"-6" 2A21009-34 (Soil)

Analyte		Reporting		·			A 1 1	M 41 - 1	N
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	EPA / Stand	lard Metl	hods						
Chloride	5.22	1.02	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 22:29	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-0	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:10	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:10	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:10	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P2A2302	01/23/22 13:02	01/23/22 22:10	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P2A2302	01/23/22 13:02	01/23/22 22:10	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 22:10	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-5AH @ 0-3" 2A21009-35 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		D	ormion P	ocin Envi	ronmental L	ah I D			
		r	eriiiaii d	asın envi	ronnientai L	au, L.F.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
Chloride	5.09	1.01	mg/kg dry	1	P2A2505	01/25/22 13:36	01/25/22 22:44	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:31	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:31	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:31	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-130		P2A2302	01/23/22 13:02	01/23/22 22:31	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P2A2302	01/23/22 13:02	01/23/22 22:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 22:31	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

East Berm Surface-5AH @ 3"-6" 2A21009-36 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		р	ermian R	asin Fnyi	ronmental L	ah I.P			
		1	Ci illian D	asin Envi	i oniniciitai L	au, L.1.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
Chloride	3.76	1.02	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 00:16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:52	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:52	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 22:52	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-130		P2A2302	01/23/22 13:02	01/23/22 22:52	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P2A2302	01/23/22 13:02	01/23/22 22:52	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 22:52	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 1AH @ 4"-7" 2A21009-37 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 1	EPA / Stand	lard Metl	hods						
Chloride	83.6	1.02	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 01:02	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	43.9	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:14	TPH 8015M	
>C12-C28	66.1	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:14	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:14	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P2A2302	01/23/22 13:02	01/23/22 23:14	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P2A2302	01/23/22 13:02	01/23/22 23:14	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	110	25.5	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 23:14	calc	

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Manager: Tim McMinn

West Surface - 1AH @ 7"-10" 2A21009-38 (Soil)

	•								
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian R	asin Envi	ronmental L	ab. L.P.			
	EDA / G/			ugin Envi	i omnicii ur	, 1.11			
General Chemistry Parameters by	EPA / Stand	ard Meti	nods						
Chloride	49.6	1.01	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 01:18	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:35	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:35	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:35	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P2A2302	01/23/22 13:02	01/23/22 23:35	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P2A2302	01/23/22 13:02	01/23/22 23:35	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 23:35	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 2AH @ 0"-3" 2A21009-39 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	139	1.03	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 01:33	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	\ Method	8015M						
C6-C12	585	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:56	TPH 8015M	
>C12-C28	1100	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:56	TPH 8015M	
>C28-C35	191	25.8	mg/kg dry	1	P2A2302	01/23/22 13:02	01/23/22 23:56	TPH 8015M	
Surrogate: 1-Chlorooctane		132 %	70-130		P2A2302	01/23/22 13:02	01/23/22 23:56	TPH 8015M	S-GC.
Surrogate: o-Terphenyl		144 %	70-130		P2A2302	01/23/22 13:02	01/23/22 23:56	TPH 8015M	S-GC.
Total Petroleum Hydrocarbon C6-C35	1880	25.8	mg/kg dry	1	[CALC]	01/23/22 13:02	01/23/22 23:56	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 2AH @ 3"-6" 2A21009-40 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 	EPA / Stand	lard Metl	nods						
Chloride	191	1.09	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 01:48	EPA 300.0	
% Moisture	8.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	A Method	8015M						
C6-C12	839	27.2	mg/kg dry	1	P2A2302	01/23/22 13:02	01/24/22 00:18	TPH 8015M	
>C12-C28	1780	27.2	mg/kg dry	1	P2A2302	01/23/22 13:02	01/24/22 00:18	TPH 8015M	
>C28-C35	402	27.2	mg/kg dry	1	P2A2302	01/23/22 13:02	01/24/22 00:18	TPH 8015M	
Surrogate: 1-Chlorooctane		128 %	70-130		P2A2302	01/23/22 13:02	01/24/22 00:18	TPH 8015M	
Surrogate: o-Terphenyl		136 %	70-130		P2A2302	01/23/22 13:02	01/24/22 00:18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	3020	27.2	mg/kg dry	1	[CALC]	01/23/22 13:02	01/24/22 00:18	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 3AH @ 0"-3" 2A21009-41 (Soil)

Amalarta		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		n				1 T D			
		P	ermian B	asın Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ard Metl	hods						
Chloride	161	1.03	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 02:03	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 15:22	TPH 8015M	
>C12-C28	246	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 15:22	TPH 8015M	
>C28-C35	43.3	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 15:22	TPH 8015M	
Surrogate: 1-Chlorooctane	9	3.7 %	70-130		P2A2403	01/24/22 12:14	01/24/22 15:22	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-130		P2A2403	01/24/22 12:14	01/24/22 15:22	TPH 8015M	
Total Petroleum Hydrocarbon	289	25.8	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 15:22	calc	
C6-C35									

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 3AH @ 3"-6" 2A21009-42 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
						· F · · · · · ·	-		
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ırd Metl	hods						
Chloride	170	1.04	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 02:19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 15:44	TPH 8015M	
>C12-C28	61.9	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 15:44	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 15:44	TPH 8015M	
Surrogate: 1-Chlorooctane	9	5.4 %	70-130		P2A2403	01/24/22 12:14	01/24/22 15:44	TPH 8015M	
Surrogate: o-Terphenyl	i	105 %	70-130		P2A2403	01/24/22 12:14	01/24/22 15:44	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	61.9	26.0	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 15:44	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

West Surface - 4AH @ 0"-3" 2A21009-43 (Soil)

	I	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 1	EPA / Standa	ard Metl	hods						
Chloride	200	1.02	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 02:34	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:05	TPH 8015M	
>C12-C28	109	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:05	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:05	TPH 8015M	
Surrogate: 1-Chlorooctane	9	05.6 %	70-130		P2A2403	01/24/22 12:14	01/24/22 16:05	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P2A2403	01/24/22 12:14	01/24/22 16:05	TPH 8015M	
Total Petroleum Hydrocarbon	109	25.5	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 16:05	calc	

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278 Project Manager: Tim McMinn

West Surface - 4AH @ 3"-6" 2A21009-44 (Soil)

	F	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by l	EPA / Standa	rd Metl	hods						
Chloride	106	1.06	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 02:49	EPA 300.0	
% Moisture	6.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:26	TPH 8015M	
>C12-C28	31.9	26.6	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:26	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:26	TPH 8015M	
Surrogate: 1-Chlorooctane	9	6.0 %	70-130		P2A2403	01/24/22 12:14	01/24/22 16:26	TPH 8015M	
Surrogate: o-Terphenyl	i	108 %	70-130		P2A2403	01/24/22 12:14	01/24/22 16:26	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	31.9	26.6	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 16:26	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 1AH @ 2"-5" 2A21009-45 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	LIIIII	Units	Dilution	Batch	riepaieu	rmaryzea	Wictiou	
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Met	hods						
Chloride	29.6	1.01	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 03:04	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	25.3	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:48	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:48	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 16:48	TPH 8015M	
Surrogate: 1-Chlorooctane	9	3.4 %	70-130		P2A2403	01/24/22 12:14	01/24/22 16:48	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P2A2403	01/24/22 12:14	01/24/22 16:48	TPH 8015M	
Total Petroleum Hydrocarbon	25.3	25.3	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 16:48	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 1AH @ 5"-8" 2A21009-46 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Resuit	LIIIII	Ullits	Dilution	Batch	riepaieu	Allalyzeu	Wictiou	TVOICE
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Metl	hods						
Chloride	34.1	1.02	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 03:50	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	27.2	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:09	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:09	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:09	TPH 8015M	
Surrogate: 1-Chlorooctane	9	3.1 %	70-130		P2A2403	01/24/22 12:14	01/24/22 17:09	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P2A2403	01/24/22 12:14	01/24/22 17:09	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	27.2	25.5	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 17:09	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 2AH @ 2"-5" 2A21009-47 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 	EPA / Stand	ard Metl	hods						
Chloride	115	1.01	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 04:36	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:30	TPH 8015M	
>C12-C28	258	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:30	TPH 8015M	
>C28-C35	37.0	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:30	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-130		P2A2403	01/24/22 12:14	01/24/22 17:30	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-130		P2A2403	01/24/22 12:14	01/24/22 17:30	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	296	25.3	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 17:30	calc	

13000 West County Road 100 Odessa TX, 79765

Project Number: 15278

Project: Winnebago CTB Flare

Project Manager: Tim McMinn

South Surface - 2AH @ 5"-8" 2A21009-48 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ard Metl	hods						
Chloride	82.1	1.01	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 04:51	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:51	TPH 8015M	
>C12-C28	122	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:51	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 17:51	TPH 8015M	
Surrogate: 1-Chlorooctane	9	4.8 %	70-130		P2A2403	01/24/22 12:14	01/24/22 17:51	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P2A2403	01/24/22 12:14	01/24/22 17:51	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	122	25.3	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 17:51	calc	

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Number: 152/8
Project Manager: Tim McMinn

South Surface - 3AH @ 0"-3" 2A21009-49 (Soil)

	·								
Amaluta		Reporting						36.1.1	
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		D	armian R	ocin Envi	ronmental L	ah I D			
		1	Ci illiali D	asin Liivi	i onniciitai L	au, 1.1.			
General Chemistry Parameters by I	EPA / Standa	ard Metl	hods						
Chloride	38.4	1.01	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 05:07	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	27.6	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 18:55	TPH 8015M	
>C12-C28	118	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 18:55	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 18:55	TPH 8015M	
Surrogate: 1-Chlorooctane	9	3.8 %	70-130		P2A2403	01/24/22 12:14	01/24/22 18:55	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P2A2403	01/24/22 12:14	01/24/22 18:55	TPH 8015M	
Total Petroleum Hydrocarbon	146	25.3	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 18:55	calc	
C6-C35									

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

South Surface - 3AH @ 3''-6'' 2A21009-50 (Soil)

	_								
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit	Cints	Dilution	Daten	Першей	7 11141 / 204	- Inclined	
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ırd Metl	hods						
Chloride	19.2	1.01	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 05:22	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:16	TPH 8015M	
>C12-C28	53.5	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:16	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:16	TPH 8015M	
Surrogate: 1-Chlorooctane	9	3.9 %	70-130		P2A2403	01/24/22 12:14	01/24/22 19:16	TPH 8015M	
Surrogate: o-Terphenyl	i	107 %	70-130		P2A2403	01/24/22 12:14	01/24/22 19:16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	53.5	25.3	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 19:16	calc	

C6-C35

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

Project: Winnebago CTB Flare 13000 West County Road 100 Project Number: 15278

Odessa TX, 79765 Project Manager: Tim McMinn

P-1AH @ 0"-3" 2A21009-51 (Soil)

]	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by EI	PA / Standa	ard Metl	hods						
Chloride	69.9	1.03	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 05:37	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:37	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:37	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:37	TPH 8015M	
Surrogate: 1-Chlorooctane	9	06.8 %	70-130		P2A2403	01/24/22 12:14	01/24/22 19:37	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P2A2403	01/24/22 12:14	01/24/22 19:37	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.8	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 19:37	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-1AH @ 3"-6" 2A21009-52 (Soil)

	_								
Analyte		Reporting					A 1 1	N. 4. 1	3 .1.4
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	rd Metl	hods						
Chloride	47.9	1.03	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 05:52	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	36.8	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:58	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:58	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 19:58	TPH 8015M	
Surrogate: 1-Chlorooctane	6	1.2 %	70-130		P2A2403	01/24/22 12:14	01/24/22 19:58	TPH 8015M	S-GC
Surrogate: o-Terphenyl	7.	2.7 %	70-130		P2A2403	01/24/22 12:14	01/24/22 19:58	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	36.8	25.8	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 19:58	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-2AH @ 0"-3" 2A21009-53 (Soil)

	_								
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Resuit	LIIIII	Ullits	Dilution	Datcii	riepaieu	Allalyzeu	Wicthod	TVOICS
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	EPA / Standa	ard Metl	hods						
Chloride	164	1.02	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 06:08	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	C35 by EPA	Method	8015M						
C6-C12	49.9	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 20:19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 20:19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 20:19	TPH 8015M	
Surrogate: 1-Chlorooctane	9	5.3 %	70-130		P2A2403	01/24/22 12:14	01/24/22 20:19	TPH 8015M	
Surrogate: o-Terphenyl	i	106 %	70-130		P2A2403	01/24/22 12:14	01/24/22 20:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	49.9	25.5	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 20:19	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-2AH @ 3"-6" 2A21009-54 (Soil)

	F	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	rd Metl	hods						
Chloride	46.2	1.04	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 06:23	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	27.5	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 20:40	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 20:40	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 20:40	TPH 8015M	
Surrogate: 1-Chlorooctane	8	7.4 %	70-130		P2A2403	01/24/22 12:14	01/24/22 20:40	TPH 8015M	
Surrogate: o-Terphenyl	9	7.9 %	70-130		P2A2403	01/24/22 12:14	01/24/22 20:40	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	27.5	26.0	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 20:40	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-3AH @ 0"-3" 2A21009-55 (Soil)

	F	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by l	EPA / Standa	rd Metl	hods						
Chloride	56.2	1.03	mg/kg dry	1	P2A2508	01/25/22 14:53	01/26/22 06:38	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	26.7	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:01	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:01	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:01	TPH 8015M	
Surrogate: 1-Chlorooctane	7	4.9 %	70-130		P2A2403	01/24/22 12:14	01/24/22 21:01	TPH 8015M	
Surrogate: o-Terphenyl	8	3.2 %	70-130		P2A2403	01/24/22 12:14	01/24/22 21:01	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	26.7	25.8	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 21:01	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-3AH @ 3"-6" 2A21009-56 (Soil)

	_								
Analyte	Result	Reporting Limit	Units	Dilution	Dotah	Dronorad	Analyzed	Method	Notes
,	Result	Liiillt	Units	Dilution	Batch	Prepared	Analyzeu	Wicthod	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	rd Metl	hods						
Chloride	48.0	1.03	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 15:03	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-0	C35 by EPA	Method	8015M						
C6-C12	25.8	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:22	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:22	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:22	TPH 8015M	
Surrogate: 1-Chlorooctane	8	5.2 %	70-130		P2A2403	01/24/22 12:14	01/24/22 21:22	TPH 8015M	
Surrogate: o-Terphenyl	9	6.1 %	70-130		P2A2403	01/24/22 12:14	01/24/22 21:22	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	25.8	25.8	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 21:22	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-4AH @ 0"-3" 2A21009-57 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Lillit	Onits	Dilution	Daten	Trepared	rmaryzea	Wichiod	
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	EPA / Standa	rd Metl	hods						
Chloride	148	5.15	mg/kg dry	5	P2A2601	01/26/22 09:00	01/26/22 15:48	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-0	C35 by EPA	Method	8015M						
C6-C12	31.7	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:43	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:43	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 21:43	TPH 8015M	
Surrogate: 1-Chlorooctane	9	6.4 %	70-130		P2A2403	01/24/22 12:14	01/24/22 21:43	TPH 8015M	
Surrogate: o-Terphenyl	Î	08 %	70-130		P2A2403	01/24/22 12:14	01/24/22 21:43	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	31.7	25.8	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 21:43	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-4AH @ 3"-6" 2A21009-58 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Lillit	Units	Dilution	Batch	Frepareu	rmaryzea	Wichiod	11010.
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	rd Metl	hods						
Chloride	79.0	1.04	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 16:04	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	26.9	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 22:04	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 22:04	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2A2403	01/24/22 12:14	01/24/22 22:04	TPH 8015M	
Surrogate: 1-Chlorooctane	8	2.6 %	70-130		P2A2403	01/24/22 12:14	01/24/22 22:04	TPH 8015M	
Surrogate: o-Terphenyl	9	3.6 %	70-130		P2A2403	01/24/22 12:14	01/24/22 22:04	TPH 8015M	
Total Petroleum Hydrocarbon	26.9	26.0	mg/kg dry	1	[CALC]	01/24/22 12:14	01/24/22 22:04	calc	
C6-C35									

13000 West County Road 100 Odessa TX, 79765

C6-C35

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-5AH @ 0"-3" 2A21009-59 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental I	Lab, L.P.			
General Chemistry Parameters by EPA	/ Stand	ard Metl	hods						
Chloride	63.0	1.02	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 16:19	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35	by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 14:46	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 14:46	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 14:46	TPH 8015M	
Surrogate: 1-Chlorooctane		87.0 %	70-130		P2A2404	01/24/22 12:15	01/24/22 14:46	TPH 8015M	
Surrogate: o-Terphenyl		96.6 %	70-130		P2A2404	01/24/22 12:15	01/24/22 14:46	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.5	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 14:46	calc	

13000 West County Road 100 Odessa TX, 79765

C6-C35

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-5AH @ 3"-6" 2A21009-60 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental I	Lab, L.P.			
General Chemistry Parameters by EP	A / Stand	ard Metl	hods						
Chloride	46.9	1.03	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 16:34	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:08	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:08	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:08	TPH 8015M	
Surrogate: 1-Chlorooctane	:	79.5 %	70-130		P2A2404	01/24/22 12:15	01/24/22 15:08	TPH 8015M	
Surrogate: o-Terphenyl	9	91.0 %	70-130		P2A2404	01/24/22 12:15	01/24/22 15:08	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.8	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 15:08	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-6AH @ 4"-7" 2A21009-61 (Soil)

	ī	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ard Metl	hods						
Chloride	998	5.05	mg/kg dry	5	P2A2601	01/26/22 09:00	01/26/22 16:49	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:29	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:29	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:29	TPH 8015M	
Surrogate: 1-Chlorooctane	8	3.5 %	70-130		P2A2404	01/24/22 12:15	01/24/22 15:29	TPH 8015M	
Surrogate: o-Terphenyl	9	2.5 %	70-130		P2A2404	01/24/22 12:15	01/24/22 15:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 15:29	calc	

C6-C35

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

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

> P-6AH @ 7"-10" 2A21009-62 (Soil)

]	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by EP	A / Standa	ard Metl	hods						
Chloride	621	1.02	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 17:05	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:51	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:51	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 15:51	TPH 8015M	
Surrogate: 1-Chlorooctane	8	85.9 %	70-130		P2A2404	01/24/22 12:15	01/24/22 15:51	TPH 8015M	
Surrogate: o-Terphenyl	9	96.8 %	70-130		P2A2404	01/24/22 12:15	01/24/22 15:51	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.5	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 15:51	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-7AH @ 0"-3" 2A21009-63 (Soil)

Amaluta		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		D	ormian B	ocin Envi	ronmental L	ah I D			
		1	Ci illiali D	asın envi	i oninientai L	au, 1.1.			
General Chemistry Parameters by 1	EPA / Standa	ard Metl	hods						
Chloride	298	5.05	mg/kg dry	5	P2A2601	01/26/22 09:00	01/26/22 17:20	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:13	TPH 8015M	
>C12-C28	647	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:13	TPH 8015M	
>C28-C35	67.4	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:13	TPH 8015M	
Surrogate: 1-Chlorooctane	7	9.2 %	70-130		P2A2404	01/24/22 12:15	01/24/22 16:13	TPH 8015M	
Surrogate: o-Terphenyl	8	9.2 %	70-130		P2A2404	01/24/22 12:15	01/24/22 16:13	TPH 8015M	
Total Petroleum Hydrocarbon	715	25.3	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 16:13	calc	
C6-C35									

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

> P-7AH @ 3"-6" 2A21009-64 (Soil)

	F	Reporting		•					
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ırd Metl	hods						
Chloride	240	5.15	mg/kg dry	5	P2A2601	01/26/22 09:00	01/26/22 17:35	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-0	C35 by EPA	Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:35	TPH 8015M	
>C12-C28	174	25.8	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:35	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:35	TPH 8015M	
Surrogate: 1-Chlorooctane	8	9.6 %	70-130		P2A2404	01/24/22 12:15	01/24/22 16:35	TPH 8015M	
Surrogate: o-Terphenyl	i	101 %	70-130		P2A2404	01/24/22 12:15	01/24/22 16:35	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	174	25.8	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 16:35	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-8AH @ 0"-3" 2A21009-65 (Soil)

	I	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by E	EPA / Standa	ard Metl	hods						
Chloride	79.9	1.01	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 17:51	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:56	TPH 8015M	
>C12-C28	131	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:56	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 16:56	TPH 8015M	
Surrogate: 1-Chlorooctane	8	4.1 %	70-130		P2A2404	01/24/22 12:15	01/24/22 16:56	TPH 8015M	
Surrogate: o-Terphenyl	9	2.8 %	70-130		P2A2404	01/24/22 12:15	01/24/22 16:56	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	131	25.3	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 16:56	calc	

13000 West County Road 100 Odessa TX, 79765

C6-C35

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-8AH @ 3"-6" 2A21009-66 (Soil)

	I	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		_							
		P	ermian B	asin Envi	ronmental I	ab, L.P.			
General Chemistry Parameters by 1	EPA / Standa	ard Met	hods						
Chloride	88.1	1.02	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 18:36	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 17:18	TPH 8015M	
>C12-C28	92.2	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 17:18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 17:18	TPH 8015M	
Surrogate: 1-Chlorooctane	8	35.1 %	70-130		P2A2404	01/24/22 12:15	01/24/22 17:18	TPH 8015M	
Surrogate: o-Terphenyl	9	94.8 %	70-130		P2A2404	01/24/22 12:15	01/24/22 17:18	TPH 8015M	
Total Petroleum Hydrocarbon	92.2	25.5	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 17:18	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-9AH @ 0"-3" 2A21009-67 (Soil)

	I	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by l	EPA / Standa	ard Metl	hods						
Chloride	61.8	1.01	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 19:22	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 17:40	TPH 8015M	
>C12-C28	398	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 17:40	TPH 8015M	
>C28-C35	50.3	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 17:40	TPH 8015M	
Surrogate: 1-Chlorooctane	8	86.9 %	70-130		P2A2404	01/24/22 12:15	01/24/22 17:40	TPH 8015M	
Surrogate: o-Terphenyl	9	7.5 %	70-130		P2A2404	01/24/22 12:15	01/24/22 17:40	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	448	25.3	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 17:40	calc	

13000 West County Road 100 Odessa TX, 79765

Total Petroleum Hydrocarbon

C6-C35

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-9AH @ 3"-6" 2A21009-68 (Soil)

				2:12:100>	00 (501)				
	I	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters	s by EPA / Standa	ard Met	hods						
Chloride	13.2	1.01	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 19:38	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons	C6-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 18:02	TPH 8015M	
>C12-C28	77.8	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 18:02	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 18:02	TPH 8015M	
Surrogate: 1-Chlorooctane	8	86.4 %	70-130		P2A2404	01/24/22 12:15	01/24/22 18:02	TPH 8015M	
Surrogate: o-Terphenyl	9	06.8 %	70-130		P2A2404	01/24/22 12:15	01/24/22 18:02	TPH 8015M	

[CALC]

01/24/22 12:15

01/24/22 18:02

calc

mg/kg dry

25.3

77.8

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-10AH @ 2"-5" 2A21009-69 (Soil)

Analyte		Reporting	TT '4	D'1 .:	D 4 1	D 1	Amalyzad	Method	Notes
Maryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	y EPA / Standa	rd Metl	nods						
Chloride	29.2	1.00	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 19:53	EPA 300.0	
% Moisture	ND	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
	(C251 ED4		004 53 5						
<u> Fotal Petroleum Hydrocarbons C</u>	<u>6-C35 by EPA</u>	Method	8015M						
<u>Fotal Petroleum Hydrocarbons C</u> C6-C12	6-C35 by EPA ND	25.0	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 19:07	TPH 8015M	
,				1	P2A2404 P2A2404	01/24/22 12:15 01/24/22 12:15	01/24/22 19:07 01/24/22 19:07	TPH 8015M TPH 8015M	
	ND	25.0	mg/kg dry	1 1 1					
C6-C12 >C12-C28	ND 156 25.6	25.0 25.0	mg/kg dry mg/kg dry	1 1 1	P2A2404	01/24/22 12:15	01/24/22 19:07	TPH 8015M	
C6-C12 >C12-C28 >C28-C35	ND 156 25.6	25.0 25.0 25.0	mg/kg dry mg/kg dry mg/kg dry	1 1 1	P2A2404 P2A2404	01/24/22 12:15 01/24/22 12:15	01/24/22 19:07 01/24/22 19:07	TPH 8015M TPH 8015M	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-10AH @ 5"-8" 2A21009-70 (Soil)

Analyte		Reporting	TT '4	D'L t'	D. ()	D 1	Amalayaad	Mathad	Note
Maryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by 1	EPA / Standa	ard Metl	hods						
Chloride	17.0	1.01	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 20:08	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 19:28	TPH 8015M	
>C12-C28	43.4	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 19:28	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 19:28	TPH 8015M	
Surrogate: 1-Chlorooctane	9	2.9 %	70-130		P2A2404	01/24/22 12:15	01/24/22 19:28	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P2A2404	01/24/22 12:15	01/24/22 19:28	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	43.4	25.3	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 19:28	calc	

Project: Winnebago CTB Flare 13000 West County Road 100 Project Number: 15278

Odessa TX, 79765 Project Manager: Tim McMinn

P-11AH @ 5"-8" 2A21009-71 (Soil)

	1	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ard Metl	hods						
Chloride	37.8	1.00	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 20:24	EPA 300.0	
% Moisture	ND	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 19:50	TPH 8015M	
>C12-C28	48.8	25.0	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 19:50	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 19:50	TPH 8015M	
Surrogate: 1-Chlorooctane	8	9.6 %	70-130		P2A2404	01/24/22 12:15	01/24/22 19:50	TPH 8015M	
Surrogate: o-Terphenyl		100 %	70-130		P2A2404	01/24/22 12:15	01/24/22 19:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	48.8	25.0	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 19:50	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-11AH @ 8"-11" 2A21009-72 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit	Omts	Dilution	Daten	Trepared	11111111111111		110103
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	rd Metl	nods						
Chloride	33.5	1.01	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 20:39	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:11	TPH 8015M	
>C12-C28	32.0	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:11	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:11	TPH 8015M	
Surrogate: 1-Chlorooctane	8	7.5 %	70-130		P2A2404	01/24/22 12:15	01/24/22 20:11	TPH 8015M	
Surrogate: o-Terphenyl	9	8.6 %	70-130		P2A2404	01/24/22 12:15	01/24/22 20:11	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	32.0	25.3	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 20:11	calc	

Project: Winnebago CTB Flare 13000 West County Road 100 Project Number: 15278

Odessa TX, 79765

Project Manager: Tim McMinn

P-12AH @ 0"-3" 2A21009-73 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ırd Metl	hods						
Chloride	22.3	1.01	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 20:54	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:33	TPH 8015M	
>C12-C28	69.5	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:33	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:33	TPH 8015M	
Surrogate: 1-Chlorooctane	8	8.9 %	70-130		P2A2404	01/24/22 12:15	01/24/22 20:33	TPH 8015M	
Surrogate: o-Terphenyl	9	7.0 %	70-130		P2A2404	01/24/22 12:15	01/24/22 20:33	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	69.5	25.3	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 20:33	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

P-12AH @ 3"-6" 2A21009-74 (Soil)

Analyte	Result	Reporting	Units	Dilution	Batch	Dronorad	Analyzed	Method	Notes
	Resuit	Limit	Units	Dilution	Ваісп	Prepared	Allalyzeu	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Metl	hods						
Chloride	25.8	1.02	mg/kg dry	1	P2A2601	01/26/22 09:00	01/26/22 21:10	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2A2406	01/24/22 16:00	01/24/22 16:03	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:54	TPH 8015M	
>C12-C28	38.6	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:54	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2404	01/24/22 12:15	01/24/22 20:54	TPH 8015M	
Surrogate: 1-Chlorooctane	9	0.8 %	70-130		P2A2404	01/24/22 12:15	01/24/22 20:54	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-130		P2A2404	01/24/22 12:15	01/24/22 20:54	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	38.6	25.5	mg/kg dry	1	[CALC]	01/24/22 12:15	01/24/22 20:54	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A2402 - *** DEFAULT PREP ***										
Blank (P2A2402-BLK1)				Prepared &	Analyzed:	01/24/22				
% Moisture	ND	0.1	%							
Duplicate (P2A2402-DUP1)	Sou	rce: 2A21008-	01	Prepared &	Analyzed:	01/24/22				
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P2A2402-DUP2)	Sou	rce: 2A21009-	04	Prepared &	Analyzed:	01/24/22				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Batch P2A2405 - *** DEFAULT PREP ***										
Blank (P2A2405-BLK1)				Prepared &	Analyzed:	01/24/22				
Chloride	ND	1.00	mg/kg wet							
LCS (P2A2405-BS1)				Prepared &	Analyzed:	01/24/22				
Chloride	41.5		mg/kg	40.0		104	90-110			
LCS Dup (P2A2405-BSD1)				Prepared &	Analyzed:	01/24/22				
Chloride	42.3		mg/kg	40.0		106	90-110	1.93	10	
Calibration Check (P2A2405-CCV1)				Prepared &	Analyzed:	01/24/22				
Chloride	21.4		mg/kg	20.0		107	90-110			
Calibration Check (P2A2405-CCV2)				Prepared &	z Analyzed:	01/24/22				
Chloride	42.1		mg/kg	40.0		105	90-110			·
Calibration Check (P2A2405-CCV3)				Prepared &	Analyzed:	01/24/22				
Chloride	21.1		mg/kg	20.0		106	90-110			

13000 West County Road 100 Project Number: 15278

Odessa TX, 79765 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A2405 - *** DEFAULT PREP ***										
Matrix Spike (P2A2405-MS1)	Sour	rce: 2A19023	-01	Prepared &	& Analyzed:	01/24/22				
Chloride	2330	10.3	mg/kg dry	515	1860	91.8	80-120			
Matrix Spike (P2A2405-MS2)	Sour	rce: 2A21009	-06	Prepared &	k Analyzed:	01/24/22				
Chloride	394	1.03	mg/kg dry	258	183	81.7	80-120			
Matrix Spike Dup (P2A2405-MSD1)	Sour	rce: 2A19023	-01	Prepared &	& Analyzed:	: 01/24/22				
Chloride	2350	10.3	mg/kg dry	515	1860	94.4	80-120	0.569	20	
Matrix Spike Dup (P2A2405-MSD2)	Sour	rce: 2A21009	-06	Prepared &	k Analyzed:	: 01/24/22				
Chloride	381	1.03	mg/kg dry	258	183	76.5	80-120	3.51	20	QM-0
Batch P2A2406 - *** DEFAULT PREP *** Blank (P2A2406-BLK1)				Prepared &	k Analyzed:	01/24/22				
% Moisture	ND	0.1	%	Tropulou	• 1 mary 2• a.	. 01/2 1/22				
Blank (P2A2406-BLK2)				Prepared &	k Analyzed:	: 01/24/22				
% Moisture	ND	0.1	%							
Blank (P2A2406-BLK3)				Prepared &	& Analyzed:	: 01/24/22				
% Moisture	ND	0.1	%		-					
Duplicate (P2A2406-DUP1)	Sour	rce: 2A21009	-19	Prepared &	k Analyzed:	: 01/24/22				
% Moisture	1.0	0.1	%		2.0			66.7	20	R
% Moisture										
% Moisture Duplicate (P2A2406-DUP2)	Sour	rce: 2A21009	-29	Prepared &	k Analyzed:	: 01/24/22				

13000 West County Road 100 Project Number: 15278
Odessa TX, 79765 Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Ou

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A2406 - *** DEFAULT PREP ***										
Duplicate (P2A2406-DUP3)	Sou	rce: 2A21009-	44	Prepared &	ኔ Analyzed:	01/24/22				
% Moisture	5.0	0.1	%		6.0			18.2	20	
Duplicate (P2A2406-DUP4)	Sou	rce: 2A21009-	54	Prepared &	ኔ Analyzed:	01/24/22				
% Moisture	3.0	0.1	%		4.0			28.6	20	R3
Duplicate (P2A2406-DUP5)	Sou	rce: 2A21009-	69	Prepared &	ኔ Analyzed:	01/24/22				
% Moisture	ND	0.1	%	•	ND				20	
Batch P2A2505 - *** DEFAULT PREP ***										
Blank (P2A2505-BLK1)				Prepared &	አ Analyzed:	01/25/22				
Chloride	ND	1.00	mg/kg wet							
LCS (P2A2505-BS1)				Prepared &	ኔ Analyzed:	01/25/22				
Chloride	41.6		mg/kg	40.0		104	90-110			
LCS Dup (P2A2505-BSD1)				Prepared &	ኔ Analyzed:	01/25/22				
Chloride	42.0		mg/kg	40.0		105	90-110	0.851	10	
Calibration Blank (P2A2505-CCB1)				Prepared &	t Analyzed:	01/25/22				
Chloride	0.00		mg/kg wet							
Calibration Blank (P2A2505-CCB2)				Prepared &	t Analyzed:	01/25/22				
Chloride	0.00		mg/kg wet							
Calibration Check (P2A2505-CCV1)				Prepared &	λ Analyzed:	01/25/22				
Chloride	21.6		mg/kg	20.0		108	90-110			

13000 West County Road 100 Project Number: 15278
Odessa TX, 79765 Project Manager: Tim McMi

Project Manager: Tim McMinn

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

Analysis	D14	Reporting	11-:4-	Spike	Source	%REC	%REC	RPD	RPD	N-4
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	KPD	Limit	Notes
Batch P2A2505 - *** DEFAULT PREP ***										
Calibration Check (P2A2505-CCV2)				Prepared &	& Analyzed:	01/25/22				
Chloride	21.7		mg/kg	20.0		109	90-110			
Matrix Spike (P2A2505-MS2)	Sou	rce: 2A21009	0-26	Prepared &	& Analyzed:	01/25/22				
Chloride	326	1.04	mg/kg dry	104	74.4	242	80-120			QM-4X
Matrix Spike Dup (P2A2505-MSD2)	Sou	rce: 2A21009	0-26	Prepared &	& Analyzed:	01/25/22				
Chloride	327	1.04	mg/kg dry	104	74.4	242	80-120	0.102	20	QM-4X
Batch P2A2508 - *** DEFAULT PREP ***										
Blank (P2A2508-BLK1)				Prepared: (01/25/22 A	nalvzed: 01	/26/22			
Chloride	ND	1.00	mg/kg wet	- F · · · · · · ·						
LCS (P2A2508-BS1)				Prepared &	& Analyzed:	01/25/22				
Chloride	41.6		mg/kg	40.0	<u> </u>	104	90-110			
LCS Dup (P2A2508-BSD1)				Prepared &	& Analyzed:	01/25/22				
Chloride	41.9		mg/kg	40.0		105	90-110	0.730	10	
Calibration Blank (P2A2508-CCB1)				Prepared &	& Analyzed:	01/25/22				
Chloride	0.183		mg/kg wet							
Calibration Blank (P2A2508-CCB2)				Prepared: (01/25/22 A	nalvzed: 01	/26/22			
Chloride	0.201		mg/kg wet	- repared.		, 2.00. 01	2,			
Calibration Check (P2A2508-CCV1)				Prepared &	& Analyzed:	01/25/22				
Chloride	21.1		mg/kg	20.0	~ 1 mary 200.	106	90-110			

13000 West County Road 100 Project Number: 15278 Odessa TX, 79765

Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A2508 - *** DEFAULT PREP ***										
Calibration Check (P2A2508-CCV2)				Prepared: (01/25/22 A	nalyzed: 01	/26/22			
Chloride	21.0		mg/kg	20.0		105	90-110			
Calibration Check (P2A2508-CCV3)				Prepared: (01/25/22 A	nalyzed: 01	/26/22			
Chloride	21.5		mg/kg	20.0		107	90-110			
Matrix Spike (P2A2508-MS1)	Sour	ce: 2A21009	-36	Prepared: (01/25/22 A	nalyzed: 01	/26/22			
Chloride	292	1.02	mg/kg dry	204	3.76	141	80-120			QM-4X
Matrix Spike (P2A2508-MS2)	Sour	ce: 2A21009)-46	Prepared: (01/25/22 A	nalyzed: 01	/26/22			
Chloride	282	1.02	mg/kg dry	204	34.1	121	80-120			QM-4X
Matrix Spike Dup (P2A2508-MSD1)	Sour	ce: 2A21009	0-36	Prepared: (01/25/22 A	nalyzed: 01	/26/22			
Chloride	257	1.02	mg/kg dry	204	3.76	124	80-120	12.6	20	QM-4X
Matrix Spike Dup (P2A2508-MSD2)	Sour	ce: 2A21009	0-46	Prepared: (01/25/22 A	nalyzed: 01	/26/22			
Chloride	284	1.02	mg/kg dry	204	34.1	123	80-120	0.984	20	QM-4X
Batch P2A2601 - *** DEFAULT PREP ***										
Blank (P2A2601-BLK1)				Prepared &	k Analyzed:	01/26/22				
Chloride	ND	1.00	mg/kg wet	•						
LCS (P2A2601-BS1)				Prepared &	k Analyzed:	01/26/22				
Chloride	41.6		mg/kg	40.0		104	90-110			
LCS Dup (P2A2601-BSD1)				Prepared &	k Analyzed:	01/26/22				
Chloride	42.0		mg/kg	40.0		105	90-110	0.852	10	

13000 West County Road 100 Project Number: 15278

Odessa TX, 79765 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A2601 - *** DEFAULT PREP ***										
Calibration Blank (P2A2601-CCB1)				Prepared &	አ Analyzed:	01/26/22				
Chloride	0.00		mg/kg wet							
Calibration Blank (P2A2601-CCB2)				Prepared &	አ Analyzed:	01/26/22				
Chloride	0.00		mg/kg wet							
Calibration Check (P2A2601-CCV1)				Prepared &	t Analyzed:	01/26/22				
Chloride	21.3		mg/kg	20.0		106	90-110			
Calibration Check (P2A2601-CCV2)				Prepared &	አ Analyzed:	01/26/22				
Chloride	21.0		mg/kg	20.0		105	90-110			
Calibration Check (P2A2601-CCV3)				Prepared &	ኔ Analyzed:	01/26/22				
Chloride	20.8		mg/kg	20.0		104	90-110			
Matrix Spike (P2A2601-MS1)	Sour	ce: 2A21009	0-56	Prepared &	ኔ Analyzed:	01/26/22				
Chloride	314	1.03	mg/kg dry	258	48.0	103	80-120			
Matrix Spike (P2A2601-MS2)	Sour	ce: 2A21009	0-66	Prepared &	ኔ Analyzed:	01/26/22				
Chloride	334	1.02	mg/kg dry	255	88.1	96.5	80-120			
Matrix Spike Dup (P2A2601-MSD1)	Sour	ce: 2A21009)-56	Prepared &	λ Analyzed:	01/26/22				
Chloride	278	1.03	mg/kg dry	258	48.0	89.4	80-120	12.0	20	
Matrix Spike Dup (P2A2601-MSD2)	Sour	ce: 2A21009	0-66	Prepared &	λ Analyzed:	01/26/22				
Chloride	335	1.02	mg/kg dry	255	88.1	97.0	80-120	0.320	20	

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278
Project Manager: Tim McMinn

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

Batch P2A2301 - *** DEFAULT PREP *** Prepared & Analyzed: 01/23/22	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Prepared & Analyzed: 01/23/22 Section Prepared & Analyzed: 01/23/2	,									-	
C6-C12					D1 0	- A 1 1	01/22/22				
ND 25.0 "		ND	25.0		Prepared &	Z Analyzed:	01/23/22				
ND 25.0 "											
Surrogate: I-Chlorooctane											
127 120 160 174 174 170 174 170 170 174 170			25.0								
No.											
C6-C12	Surrogate: o-Terphenyl	74.2		"	60.0		124	70-130			
Color Colo	LCS (P2A2301-BS1)				Prepared &	Analyzed:	01/23/22				
Surrogate: 1-Chlorooctane 179	C6-C12	1080	25.0	mg/kg wet	1000		108	75-125			
Surrogate: o-Terphenyl 99.9 " 60.0 167 70-130 S-GC	>C12-C28	1210	25.0	"	1000		121	75-125			
Prepared & Analyzed: 01/23/22	Surrogate: 1-Chlorooctane	179		"	120		149	70-130			S-GC
C6-C12	Surrogate: o-Terphenyl	99.9		"	60.0		167	70-130			S-GC
C12-C28 935 25.0 " 1000 93.5 75-125 26.1 20 Surrogate: 1-Chlorooctane 135 " 120 112 70-130 Surrogate: o-Terphenyl 74.3 " 60.0 124 70-130 Calibration Check (P2A2301-CCV1) Prepared & Analyzed: 01/23/22 C6-C12 489 25.0 mg/kg wet 500 97.9 85-115 >C12-C28 493 25.0 " 500 98.6 85-115 Surrogate: 1-Chlorooctane 151 " 120 126 70-130 Calibration Check (P2A2301-CCV2) Prepared & Analyzed: 01/23/22 C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: 1-Chlorooctane 156 " 120 130 70-130	LCS Dup (P2A2301-BSD1)				Prepared &	Analyzed:	01/23/22				
Surrogate: 1-Chlorooctane	C6-C12	837	25.0	mg/kg wet	1000		83.7	75-125	25.7	20]
Surrogate: o-Terphenyl 74.3 " 60.0 124 70-130 Calibration Check (P2A2301-CCV1) Prepared & Analyzed: 01/23/22 C6-C12 489 25.0 mg/kg wet 500 97.9 85-115 Surrogate: 1-Chlorooctane 151 " 120 126 70-130 Surrogate: o-Terphenyl 73.9 " 60.0 123 70-130 Calibration Check (P2A2301-CCV2) Prepared & Analyzed: 01/23/22 C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: 1-Chlorooctane 156 " 120 130 70-130	>C12-C28	935	25.0	"	1000		93.5	75-125	26.1	20	1
Calibration Check (P2A2301-CCV1) Prepared & Analyzed: 01/23/22 C6-C12 489 25.0 mg/kg wet 500 97.9 85-115 >C12-C28 493 25.0 " 500 98.6 85-115 Surrogate: 1-Chlorooctane 151 " 120 126 70-130 Surrogate: o-Terphenyl 73.9 " 60.0 123 70-130 Calibration Check (P2A2301-CCV2) Prepared & Analyzed: 01/23/22 C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: 1-Chlorooctane 156 " 120 130 70-130	Surrogate: 1-Chlorooctane	135		"	120		112	70-130			
C6-C12 489 25.0 mg/kg wet 500 97.9 85-115 >C12-C28 493 25.0 " 500 98.6 85-115 Surrogate: I-Chlorooctane 151 " 120 126 70-130 Surrogate: o-Terphenyl 73.9 " 60.0 123 70-130 Calibration Check (P2A2301-CCV2) Prepared & Analyzed: 01/23/22 C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: I-Chlorooctane 156 " 120 130 70-130	Surrogate: o-Terphenyl	74.3		"	60.0		124	70-130			
>C12-C28 493 25.0 " 500 98.6 85-115 Surrogate: I-Chlorooctane 151 " 120 126 70-130 Surrogate: o-Terphenyl 73.9 " 60.0 123 70-130 Calibration Check (P2A2301-CCV2) Prepared & Analyzed: 01/23/22 C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: I-Chlorooctane 156 " 120 130 70-130	Calibration Check (P2A2301-CCV1)				Prepared &	Analyzed:	01/23/22				
Surrogate: I-Chlorooctane	C6-C12	489	25.0	mg/kg wet	500		97.9	85-115			
Surrogate: 0-Terphenyl 73.9 " 60.0 123 70-130 Calibration Check (P2A2301-CCV2) Prepared & Analyzed: 01/23/22 C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: 1-Chlorooctane 156 " 120 130 70-130	>C12-C28	493	25.0	"	500		98.6	85-115			
Calibration Check (P2A2301-CCV2) Prepared & Analyzed: 01/23/22 C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: 1-Chlorooctane 156 " 120 130 70-130	Surrogate: 1-Chlorooctane	151		"	120		126	70-130			
C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: 1-Chlorooctane 156 " 120 130 70-130	Surrogate: o-Terphenyl	73.9		"	60.0		123	70-130			
C6-C12 468 25.0 mg/kg wet 500 93.7 85-115 >C12-C28 503 25.0 " 500 101 85-115 Surrogate: 1-Chlorooctane 156 " 120 130 70-130	Calibration Check (P2A2301-CCV2)				Prepared &	Analyzed:	01/23/22				
Surrogate: 1-Chlorooctane 156 " 120 130 70-130	C6-C12	468	25.0	mg/kg wet	500	<u> </u>	93.7	85-115			
Surrogate. 1-Chiorooctane 130 120 130 70-130	>C12-C28	503	25.0	"	500		101	85-115			
Surrogate: o-Terphenyl 75.2 " 60.0 125 70-130	Surrogate: 1-Chlorooctane	156		"	120		130	70-130			
	Surrogate: o-Terphenyl	75.2		"	60.0		125	70-130			

Permian Basin Environmental Lab, L.P.

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Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A2301 - *** DEFAULT PREP ***										
Calibration Check (P2A2301-CCV3)				Prepared: (01/23/22 A	nalyzed: 01	/24/22			
C6-C12	470	25.0	mg/kg wet	500		94.1	85-115			
>C12-C28	502	25.0	"	500		100	85-115			
Surrogate: 1-Chlorooctane	152		"	120		127	70-130			
Surrogate: o-Terphenyl	74.5		"	60.0		124	70-130			
Duplicate (P2A2301-DUP1)	Sou	rce: 2A21009	0-20	Prepared: (01/23/22 A	nalyzed: 01	/24/22			
C6-C12	13.8	25.8	mg/kg dry		16.0			14.6	20	
>C12-C28	10.9	25.8	"		10.8			1.04	20	
Surrogate: 1-Chlorooctane	138		"	124		112	70-130			
Surrogate: o-Terphenyl	80.6		"	61.9		130	70-130			
Batch P2A2302 - *** DEFAULT PREP ***										
Blank (P2A2302-BLK1)				Prepared &	& Analyzed:	01/23/22				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	122		"	120		101	70-130			
Surrogate: o-Terphenyl	70.0		"	60.0		117	70-130			
LCS (P2A2302-BS1)				Prepared &	& Analyzed:	01/23/22				
C6-C12	1290	25.0	mg/kg wet	1200		108	75-125			
>C12-C28	1300	25.0	"	1200		108	75-125			
Surrogate: 1-Chlorooctane	218		"	120		182	70-130			S-GC
Surrogate: o-Terphenyl	109		"	60.0		182	70-130			S-GC
LCS Dup (P2A2302-BSD1)				Prepared &	& Analyzed:	01/23/22				
C6-C12	1310	25.0	mg/kg wet	1200		109	75-125	1.41	20	
>C12-C28	1070	25.0	"	1200		89.6	75-125	18.7	20	
Surrogate: 1-Chlorooctane	163		"	120		136	70-130			S-GC
Surrogate: o-Terphenyl	80.1		"	60.0		134	70-130			S-GC

Permian Basin Environmental Lab, L.P.

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Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278
Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A2302 - *** DEFAULT PREP ***										
Calibration Check (P2A2302-CCV1)				Prepared &	Analyzed:	01/23/22				
C6-C12	551	25.0	mg/kg wet	500		110	85-115			
>C12-C28	521	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	147		"	120		122	70-130			
Surrogate: o-Terphenyl	72.1		"	60.0		120	70-130			
Calibration Check (P2A2302-CCV2)				Prepared &	Analyzed:	01/23/22				
C6-C12	555	25.0	mg/kg wet	500		111	85-115			
>C12-C28	523	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	150		"	120		125	70-130			
Surrogate: o-Terphenyl	75.9		"	60.0		127	70-130			
Calibration Check (P2A2302-CCV3)				Prepared: (01/23/22 Aı	nalyzed: 01	/24/22			
C6-C12	526	25.0	mg/kg wet	500		105	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	151		"	120		126	70-130			
Surrogate: o-Terphenyl	74.2		"	60.0		124	70-130			
Duplicate (P2A2302-DUP1)	Sou	rce: 2A21009)-40	Prepared: (01/23/22 Aı	nalyzed: 01	/24/22			
C6-C12	889	27.2	mg/kg dry		839			5.68	20	
>C12-C28	1610	27.2	"		1780			9.91	20	
Surrogate: 1-Chlorooctane	175		"	130		135	70-130			S-GC
Surrogate: o-Terphenyl	94.3		"	65.2		145	70-130			S-GC
Batch P2A2403 - *** DEFAULT PREP ***										
Blank (P2A2403-BLK1)				Prepared &	Analyzed:	01/24/22				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	108		"	120		89.7	70-130			
Surrogate: o-Terphenyl	60.9		"	60.0		102	70-130			

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.

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A2403 - *** DEFAULT PREP ***										
LCS (P2A2403-BS1)				Prepared &	Analyzed:	01/24/22				
C6-C12	866	25.0	mg/kg wet	1000		86.6	75-125			
>C12-C28	976	25.0	"	1000		97.6	75-125			
Surrogate: 1-Chlorooctane	154		"	120		129	70-130			
Surrogate: o-Terphenyl	68.6		"	60.0		114	70-130			
LCS Dup (P2A2403-BSD1)				Prepared &	Analyzed:	01/24/22				
C6-C12	856	25.0	mg/kg wet	1000		85.6	75-125	1.16	20	
>C12-C28	963	25.0	"	1000		96.3	75-125	1.30	20	
Surrogate: 1-Chlorooctane	152		"	120		126	70-130			
Surrogate: o-Terphenyl	65.5		"	60.0		109	70-130			
Calibration Check (P2A2403-CCV1)				Prepared &	Analyzed:	01/24/22				
C6-C12	487	25.0	mg/kg wet	500		97.4	85-115			
>C12-C28	518	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	132		"	120		110	70-130			
Surrogate: o-Terphenyl	61.1		"	60.0		102	70-130			
Calibration Check (P2A2403-CCV2)				Prepared &	Analyzed:	01/24/22				
C6-C12	503	25.0	mg/kg wet	500		101	85-115			
>C12-C28	536	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	142		"	120		118	70-130			
Surrogate: o-Terphenyl	64.8		"	60.0		108	70-130			
Calibration Check (P2A2403-CCV3)				Prepared &	Analyzed:	01/24/22				
C6-C12	493	25.0	mg/kg wet	500		98.5	85-115			
>C12-C28	545	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	140		"	120		116	70-130			
Surrogate: o-Terphenyl	64.8		"	60.0		108	70-130			

Permian Basin Environmental Lab, L.P.

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Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278 Project Manager: Tim McMinn

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

Analisa	D 1	Reporting	17.	Spike	Source	0/BEC	%REC	DDD	RPD	3.7 -
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A2403 - *** DEFAULT PREP ***										
Duplicate (P2A2403-DUP1)	Sou	rce: 2A21009	9-58	Prepared &	Analyzed:	01/24/22				
C6-C12	32.2	26.0	mg/kg dry		26.9			18.1	20	
>C12-C28	ND	26.0	"		9.93				20	
Surrogate: 1-Chlorooctane	99.4		"	125		79.5	70-130			
Surrogate: o-Terphenyl	56.3		"	62.5		90.1	70-130			
Batch P2A2404 - *** DEFAULT PREP ***										
Blank (P2A2404-BLK1)				Prepared &	z Analyzed:	01/24/22				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	98.5		"	120		82.1	70-130			
Surrogate: o-Terphenyl	55.8		"	60.0		93.0	70-130			
LCS (P2A2404-BS1)				Prepared &	Analyzed:	01/24/22				
C6-C12	798	25.0	mg/kg wet	1000		79.8	75-125			
>C12-C28	1250	25.0	"	1000		125	75-125			
Surrogate: 1-Chlorooctane	101		"	120		84.2	70-130			
Surrogate: o-Terphenyl	56.6		"	60.0		94.3	70-130			
LCS Dup (P2A2404-BSD1)				Prepared &	Analyzed:	01/24/22				
C6-C12	821	25.0	mg/kg wet	1000		82.1	75-125	2.81	20	
>C12-C28	1220	25.0	"	1000		122	75-125	2.21	20	
Surrogate: 1-Chlorooctane	103		"	120		85.4	70-130			
Surrogate: o-Terphenyl	57.6		"	60.0		96.0	70-130			
Calibration Check (P2A2404-CCV1)				Prepared &	Analyzed:	01/24/22				
C6-C12	453	25.0	mg/kg wet	500	<u> </u>	90.6	85-115	<u> </u>		<u> </u>
>C12-C28	499	25.0	"	500		99.9	85-115			
Surrogate: 1-Chlorooctane	112		"	120		93.0	70-130			
Surrogate: o-Terphenyl	57.9		"	60.0		96.5	70-130			

Permian Basin Environmental Lab, L.P.

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13000 West County Road 100 Project Number: 15278

Odessa TX, 79765

Project Manager: Tim McMinn

Project: Winnebago CTB Flare

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 P2A2404 - *** DEFAULT PREP ***										
Calibration Check (P2A2404-CCV2)				Prepared &	Analyzed:	01/24/22				
C6-C12	476	25.0	mg/kg wet	500		95.2	85-115			
>C12-C28	513	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	107		"	120		89.1	70-130			
Surrogate: o-Terphenyl	59.9		"	60.0		99.9	70-130			
Calibration Check (P2A2404-CCV3)				Prepared &	Analyzed:	01/24/22				
C6-C12	490	25.0	mg/kg wet	500		97.9	85-115			
>C12-C28	563	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	110		"	120		91.8	70-130			
Surrogate: o-Terphenyl	62.2		"	60.0		104	70-130			
Duplicate (P2A2404-DUP1)	Sou	rce: 2A21009) -74	Prepared &	Analyzed:	01/24/22				
C6-C12	17.8	25.5	mg/kg dry		17.1			4.44	20	
>C12-C28	31.8	25.5	"		38.6			19.4	20	
Surrogate: 1-Chlorooctane	108		"	122		87.9	70-130			
Surrogate: o-Terphenyl	61.7		"	61.2		101	70-130			

E Tech Environmental & Safety Solutions, Inc. [1] Project: Winnebago CTB Flare

13000 West County Road 100Project Number:15278Odessa TX, 79765Project Manager:Tim McMinn

Notes and Definitions

S-GC1 Surrogate recovery outside of control limits. A second analysis confirmed the original results..

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

R The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.

QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater

the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.

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.

NPBEL C(Chain of Custody was not generated at PBELAB

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

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: Date: 2/1/2022

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] Project: Winnebago CTB Flare

13000 West County Road 100Project Number: 15278Odessa TX, 79765Project Manager: Tim McMinn

Brent Barron, Laboratory Director/Technical Director

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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.

Pa	ge 20	61 of 31
Project Manager:	l 100 Rankin Hwy	
Tim McMinn	Midfand Texas 79701	AB Permian Basin Environmental Lab.

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RUSH TAT(Pre-Schedule) 24, 48, 72 hrs STANDARD TAT

Company Name: __Company Address: __City/State/Zip: Sampler Signature:__

email:

Tim@etechenv.com

P.O. Box 62228 Midland, Texas 7971

Etech Environmental & Safety Solutions, Inc.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

	Tim McMinn	Project Manager:
Phone: 432-686-7235	Midland Texas 79701	100 Rankin Hwy
	A B Permian Basin Environmental Lab. LP	

Project Name: Winnebago CTB Flare

Project #: 15278 Project Loc: Lea County, NM

Area: PO#:

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RUSH TAT(Pre-Schedule) 24, 48, 72 hrs STANDARD TAT

City/State/Zip: Company Address: Company Name:

P.O. Box 62228

Midland, Texas 79711

email:

Tim@etechenv.com

Sampler Signature:

;, Inc.	Tim McMinn Etech Environmental & Safety Solutions, Inc	Project Manager: Company Name:
Phone: 132-686-7235	y Midland Texas 79701	I 400 Kankin Kvy
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RUSH TAT(Pre-Schedule) 24, 48, 72 hrs

STANDARD TAT

DOC #: PBEL_SAMPLE_CHECKLIST **EFFECTIVE DATE: 10/30/2021** REVISION Date: 10/30/2021 REVISION #: PBEL_2021_1

Sample Receipt Checklist

Notes

temp 6.2 on Ice

Variance/Discrepancy:

Resolution:

Yes

Samples in proper container/bottle? Sample containers intact? Samplers name present on COC? Custody seals intact on shipping container/cooler? Analysis requested for all samples submitted? All samples received within holding time? received? Chain of custody signed/dated/time when relinquished and

PBEL_SAMPLE_CHECKLIST_2021_1

Login Notes:

2A21009

Page **1** of **2**

DOC #: PBEL_SAMPLE_CHECKLIST REVISION Date: 10/30/2021 REVISION #: PBEL_2021_1 FECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE	SAMPLE VARIAN
EFFECTIVE DATE: 10/30/202	

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Approved by:			
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PBEL_SAMPLE_CHECKLIST_2021_1

Page 2 of 2

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



Analytical Report

Prepared for:

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

Project: Winnebago CTB Flare

Project Number: 15278 Location: New Mexico

Lab Order Number: 2C09011



Current Certification

Report Date: 03/14/22

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp-1 @ 6"-8"	2C09011-01	Soil	03/03/22 10:50	03-08-2022 16:26
Comp-2 @ 6"-8"	2C09011-02	Soil	03/03/22 10:55	03-08-2022 16:26
Comp-3 @ 6"-8"	2C09011-03	Soil	03/03/22 11:00	03-08-2022 16:26
Comp-4 @ 12"	2C09011-04	Soil	03/03/22 11:05	03-08-2022 16:26
Comp-5 @ 12"	2C09011-05	Soil	03/03/22 11:10	03-08-2022 16:26
Comp-6 @ 36"	2C09011-06	Soil	03/03/22 11:15	03-08-2022 16:26
Comp-7 @ 6"-8"	2C09011-07	Soil	03/03/22 11:18	03-08-2022 16:26
Comp-8 @ 6"-8"	2C09011-08	Soil	03/03/22 11:20	03-08-2022 16:26
Comp-9 @ 6"	2C09011-09	Soil	03/03/22 13:00	03-08-2022 16:26
Comp-10 @ 8"	2C09011-10	Soil	03/03/22 13:05	03-08-2022 16:26
Comp-11 @ 5"	2C09011-11	Soil	03/03/22 13:10	03-08-2022 16:26
Comp-12 @ 5"	2C09011-12	Soil	03/03/22 13:15	03-08-2022 16:26
Comp-13 @ 5"	2C09011-13	Soil	03/03/22 13:20	03-08-2022 16:26
Comp-14 @ 5"	2C09011-14	Soil	03/03/22 13:25	03-08-2022 16:26
Comp-15 @ 6"	2C09011-15	Soil	03/03/22 13:30	03-08-2022 16:26

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-1 @ 6"-8" 2C09011-01 (Soil)

Analyte		Reporting					A 1 1	N. 4. 1	N T :
Anaryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:27	EPA 8021B	
Toluene	0.00718	0.00100	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:27	EPA 8021B	
Ethylbenzene	0.00192	0.00100	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:27	EPA 8021B	
Xylene (p/m)	0.00291	0.00200	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.5 %	80-120		P2C0907	03/09/22 14:31	03/09/22 21:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.3 %	80-120		P2C0907	03/09/22 14:31	03/09/22 21:27	EPA 8021B	
General Chemistry Parameters b	y EPA / Stand	lard Met	hods						
Chloride	6.47	1.00	mg/kg dry	1	P2C0908	03/09/22 15:00	03/10/22 11:46	EPA 300.0	
% Moisture	ND	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C	C6-C35 by EPA	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 19:19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 19:19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 19:19	TPH 8015M	
Surrogate: 1-Chlorooctane		94.5 %	70-130		P2C1003	03/10/22 09:00	03/10/22 19:19	TPH 8015M	
Surrogate: o-Terphenyl		99.3 %	70-130		P2C1003	03/10/22 09:00	03/10/22 19:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/10/22 09:00	03/10/22 19:19	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-2 @ 6"-8" 2C09011-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Resurt	Ziiiit		2 Hation	Duten		,		
		P	ermian B	asin Envi	onmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:47	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:47	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:47	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:47	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 21:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.3 %	80-120		P2C0907	03/09/22 14:31	03/09/22 21:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.2 %	80-120		P2C0907	03/09/22 14:31	03/09/22 21:47	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	34.3	1.01	mg/kg dry	1	P2C0908	03/09/22 15:00	03/10/22 12:01	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	18015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 19:41	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 19:41	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 19:41	TPH 8015M	
Surrogate: 1-Chlorooctane		94.1 %	70-130		P2C1003	03/10/22 09:00	03/10/22 19:41	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-130		P2C1003	03/10/22 09:00	03/10/22 19:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 09:00	03/10/22 19:41	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-3 @ 6"-8" 2C09011-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:08	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:08	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:08	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:08	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.1 %	80-120		P2C0907	03/09/22 14:31	03/09/22 22:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.8 %	80-120		P2C0907	03/09/22 14:31	03/09/22 22:08	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	37.2	1.01	mg/kg dry	1	P2C0908	03/09/22 15:00	03/10/22 12:16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:03	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:03	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:03	TPH 8015M	
Surrogate: 1-Chlorooctane		95.6 %	70-130		P2C1003	03/10/22 09:00	03/10/22 20:03	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-130		P2C1003	03/10/22 09:00	03/10/22 20:03	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 09:00	03/10/22 20:03	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-4 @ 12" 2C09011-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		n	· n	· E ·	. 1.7	•	<u> </u>		
		P	ermian B	asın Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:28	EPA 8021B	
Toluene	0.00202	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:28	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:28	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:28	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.6 %	80-120		P2C0907	03/09/22 14:31	03/09/22 22:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.1 %	80-120		P2C0907	03/09/22 14:31	03/09/22 22:28	EPA 8021B	
General Chemistry Parameters b	oy EPA / Stand	dard Met	hods						
Chloride	7.19	1.01	mg/kg dry	1	P2C0908	03/09/22 15:00	03/10/22 12:32	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C	C6-C35 by EP	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:26	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:26	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:26	TPH 8015M	
Surrogate: 1-Chlorooctane		98.7 %	70-130		P2C1003	03/10/22 09:00	03/10/22 20:26	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-130		P2C1003	03/10/22 09:00	03/10/22 20:26	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 09:00	03/10/22 20:26	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-5 @ 12" 2C09011-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	resurt	Dilliit	Omes	Dilation	Duten	Поршос			00
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:49	EPA 8021B	
Toluene	0.00265	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:49	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:49	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:49	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 22:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	<u> </u>	95.7 %	80-120		P2C0907	03/09/22 14:31	03/09/22 22:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.3 %	80-120		P2C0907	03/09/22 14:31	03/09/22 22:49	EPA 8021B	
	EDA / C/								
General Chemistry Parameters b			mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 14:15	EPA 300.0	
Chloride	3.77	1.01		1					
% Moisture	1.0	0.1	%	I	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C	C6-C35 by EPA	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:48	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:48	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 20:48	TPH 8015M	
Surrogate: 1-Chlorooctane		97.3 %	70-130		P2C1003	03/10/22 09:00	03/10/22 20:48	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-130		P2C1003	03/10/22 09:00	03/10/22 20:48	TPH 8015M	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-6 @ 36" 2C09011-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
<u> </u>	Result	Limit	Omo	Dilution	Dutell	Tropured			1,00
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:09	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:09	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:09	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:09	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.7 %	80-120		P2C0907	03/09/22 14:31	03/09/22 23:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.4 %	80-120		P2C0907	03/09/22 14:31	03/09/22 23:09	EPA 8021B	
General Chemistry Parameters by	FPA / Stand	lard Metl	hods						
Chloride	724	1.03	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 14:34	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 21:10	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 21:10	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2C1003	03/10/22 09:00	03/10/22 21:10	TPH 8015M	
Surrogate: 1-Chlorooctane		96.5 %	70-130		P2C1003	03/10/22 09:00	03/10/22 21:10	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P2C1003	03/10/22 09:00	03/10/22 21:10	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/10/22 09:00	03/10/22 21:10	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

> Comp-7 @ 6"-8" 2C09011-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:30	EPA 8021B	
Toluene	0.00468	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:30	EPA 8021B	
Ethylbenzene	0.00239	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:30	EPA 8021B	
Xylene (p/m)	0.00370	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:30	EPA 8021B	
Xylene (o)	0.00106	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.5 %	80-120		P2C0907	03/09/22 14:31	03/09/22 23:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.7 %	80-120		P2C0907	03/09/22 14:31	03/09/22 23:30	EPA 8021B	
General Chemistry Parameters b	y EPA / Stand	dard Metl	hods						
Chloride	56.7	1.01	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 14:53	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C	6-C35 by EP.	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/11/22 08:18	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/11/22 08:18	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1003	03/10/22 09:00	03/11/22 08:18	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P2C1003	03/10/22 09:00	03/11/22 08:18	TPH 8015M	
Surrogate: o-Terphenyl		104 %	70-130		P2C1003	03/10/22 09:00	03/11/22 08:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 09:00	03/11/22 08:18	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-8 @ 6"-8" 2C09011-08 (Soil)

		Donortina							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental I	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:51	EPA 8021B	
Toluene	0.00311	0.00102	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:51	EPA 8021B	
Ethylbenzene	0.00149	0.00102	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:51	EPA 8021B	
Xylene (p/m)	0.00247	0.00204	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:51	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2C0907	03/09/22 14:31	03/09/22 23:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.0 %	80-120		P2C0907	03/09/22 14:31	03/09/22 23:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.9 %	80-120		P2C0907	03/09/22 14:31	03/09/22 23:51	EPA 8021B	
General Chemistry Parameters b	oy EPA / Stand	lard Met	hods						
Chloride	55.1	1.02	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 15:12	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C	C6-C35 by EPA	A Method	18015M						
C6-C12	ND	25.5	mg/kg dry	1	P2C1003	03/10/22 09:00	03/11/22 08:40	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2C1003	03/10/22 09:00	03/11/22 08:40	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2C1003	03/10/22 09:00	03/11/22 08:40	TPH 8015M	
Surrogate: 1-Chlorooctane		96.6 %	70-130		P2C1003	03/10/22 09:00	03/11/22 08:40	TPH 8015M	
Surrogate: o-Terphenyl		100 %	70-130		P2C1003	03/10/22 09:00	03/11/22 08:40	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/10/22 09:00	03/11/22 08:40	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-9 @ 6" 2C09011-09 (Soil)

Analyte		Reporting		- ·				3.	3.7
Anaryte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	0.00142	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:11	EPA 8021B	
Toluene	0.0127	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:11	EPA 8021B	
Ethylbenzene	0.00206	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:11	EPA 8021B	
Xylene (p/m)	0.00291	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:11	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.3 %	80-120		P2C0907	03/09/22 14:31	03/10/22 00:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.1 %	80-120		P2C0907	03/09/22 14:31	03/10/22 00:11	EPA 8021B	
General Chemistry Parameters b	v EPA / Stand	lard Metl	hods						
Chloride	3.75	1.01	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 15:31	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C	6-C35 by EP	A Method	18015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:02	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:02	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:02	TPH 8015M	
Surrogate: 1-Chlorooctane		97.5 %	70-130		P2C1004	03/10/22 10:00	03/11/22 12:02	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-130		P2C1004	03/10/22 10:00	03/11/22 12:02	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 10:00	03/11/22 12:02	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-10 @ 8" 2C09011-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:32	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:32	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:32	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:32	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 00:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	,	96.0 %	80-120		P2C0907	03/09/22 14:31	03/10/22 00:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	9	97.2 %	80-120		P2C0907	03/09/22 14:31	03/10/22 00:32	EPA 8021B	
C	. EDA / C4 J	I M41							
General Chemistry Parameters by Chloride	47.1	<u>aru wieu</u> 1.01	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 15:50	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:25	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:25	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:25	TPH 8015M	
Surrogate: 1-Chlorooctane	9	96.7 %	70-130		P2C1004	03/10/22 10:00	03/11/22 12:25	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-130		P2C1004	03/10/22 10:00	03/11/22 12:25	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 10:00	03/11/22 12:25	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-11 @ 5" 2C09011-11 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:33	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:33	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:33	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:33	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.4 %	80-120		P2C0907	03/09/22 14:31	03/10/22 01:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.0 %	80-120		P2C0907	03/09/22 14:31	03/10/22 01:33	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	9.57	1.01	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 16:09	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Sotal Petroleum Hydrocarbons C6	-C35 by EPA	A Method	18015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:48	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:48	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 12:48	TPH 8015M	
Surrogate: 1-Chlorooctane		91.5 %	70-130		P2C1004	03/10/22 10:00	03/11/22 12:48	TPH 8015M	
Surrogate: o-Terphenyl		97.5 %	70-130		P2C1004	03/10/22 10:00	03/11/22 12:48	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 10:00	03/11/22 12:48	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-12 @ 5" 2C09011-12 (Soil)

Analysta		Reporting						36.2.3	• •
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:54	EPA 8021B	
Toluene	0.00156	0.00103	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:54	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:54	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:54	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 01:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.8 %	80-120		P2C0907	03/09/22 14:31	03/10/22 01:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.4 %	80-120		P2C0907	03/09/22 14:31	03/10/22 01:54	EPA 8021B	
General Chemistry Parameters	by EPA / Stand	dard Met	hods						
Chloride	147	1.03	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 16:28	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons (C6-C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:11	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:11	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:11	TPH 8015M	
Surrogate: 1-Chlorooctane		93.0 %	70-130		P2C1004	03/10/22 10:00	03/11/22 13:11	TPH 8015M	
Surrogate: o-Terphenyl		97.5 %	70-130		P2C1004	03/10/22 10:00	03/11/22 13:11	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/10/22 10:00	03/11/22 13:11	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-13 @ 5" 2C09011-13 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental I	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:14	EPA 8021B	
Toluene	0.00145	0.00104	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:14	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:14	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:14	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.2 %	80-120		P2C0907	03/09/22 14:31	03/10/22 02:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.1 %	80-120		P2C0907	03/09/22 14:31	03/10/22 02:14	EPA 8021B	
General Chemistry Parameters I	by EPA / Stand	lard Met	hods						
Chloride	112	1.04	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 17:25	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons (C6-C35 by EP	A Method	18015M						
C6-C12	ND	26.0	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:35	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:35	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:35	TPH 8015M	
Surrogate: 1-Chlorooctane		85.2 %	70-130		P2C1004	03/10/22 10:00	03/11/22 13:35	TPH 8015M	
Surrogate: o-Terphenyl		90.0 %	70-130		P2C1004	03/10/22 10:00	03/11/22 13:35	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/10/22 10:00	03/11/22 13:35	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-14 @ 5" 2C09011-14 (Soil)

		D .:							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental I	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:34	EPA 8021B	
Toluene	0.00419	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:34	EPA 8021B	
Ethylbenzene	0.00152	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:34	EPA 8021B	
Xylene (p/m)	0.00210	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:34	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.2 %	80-120		P2C0907	03/09/22 14:31	03/10/22 02:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.3 %	80-120		P2C0907	03/09/22 14:31	03/10/22 02:34	EPA 8021B	
General Chemistry Parameters b	y EPA / Stand	lard Met	hods						
Chloride	8.75	1.01	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 18:22	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons C	C6-C35 by EPA	A Method	18015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:58	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:58	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 13:58	TPH 8015M	
Surrogate: 1-Chlorooctane		87.2 %	70-130		P2C1004	03/10/22 10:00	03/11/22 13:58	TPH 8015M	
Surrogate: o-Terphenyl		93.2 %	70-130		P2C1004	03/10/22 10:00	03/11/22 13:58	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 10:00	03/11/22 13:58	calc	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Comp-15 @ 6" 2C09011-15 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		P	ermian B	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:55	EPA 8021B	
Toluene	0.00138	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:55	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:55	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:55	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P2C0907	03/09/22 14:31	03/10/22 02:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.8 %	80-120		P2C0907	03/09/22 14:31	03/10/22 02:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		P2C0907	03/09/22 14:31	03/10/22 02:55	EPA 8021B	
General Chemistry Parameters I	by EPA / Stand	lard Met	hods						
Chloride	3.90	1.01	mg/kg dry	1	P2C1002	03/10/22 09:46	03/10/22 18:41	EPA 300.0	
% Moisture	1.0	0.1	%	1	P2C1007	03/10/22 10:28	03/10/22 10:32	ASTM D2216	
Total Petroleum Hydrocarbons (C6-C35 by EP	A Method	18015M						
C6-C12	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 14:21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 14:21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P2C1004	03/10/22 10:00	03/11/22 14:21	TPH 8015M	
Surrogate: 1-Chlorooctane		93.2 %	70-130		P2C1004	03/10/22 10:00	03/11/22 14:21	TPH 8015M	
Surrogate: o-Terphenyl		99.9 %	70-130		P2C1004	03/10/22 10:00	03/11/22 14:21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/10/22 10:00	03/11/22 14:21	calc	

Notes

RPD

Limit

%REC

Limits

RPD

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

13000 West County Road 100 Odessa TX, 79765

Analyte

Toluene

Ethylbenzene

Xylene (p/m)

 $Surrogate: \ 4-Bromofluor obenzene$ Surrogate: 1,4-Difluorobenzene

Project: Winnebago CTB Flare

Spike

Level

0.100

0.100

0.200

0.120

Source

Result

%REC

93.2

107

100

95.7

80-120

80-120

80-120

75-125

4.62

3.83

3.97

20

20

20

Project Number: 15278 Project Manager: Tim McMinn

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

Units

Reporting

Limit

Result

0.0932

0.107

0.201

0.115

0.00100

0.00100

0.00200

rmaryte	resur	Limit	Cinto	Dever	resure	70TCLC	Limits	ппъ	Limit	110103
Batch P2C0907 - General Preparatio	on (GC)									
Blank (P2C0907-BLK1)				Prepared &	Analyzed:	03/09/22				
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	0.117		"	0.120		97.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			
LCS (P2C0907-BS1)				Prepared &	Analyzed:	03/09/22				
Benzene	0.0940	0.00100	mg/kg wet	0.100		94.0	80-120			
Toluene	0.0890	0.00100	"	0.100		89.0	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	80-120			
Xylene (o)	0.0900	0.00100	"	0.100		90.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
LCS Dup (P2C0907-BSD1)				Prepared &	Analyzed:	03/09/22				
Benzene	0.0991	0.00100	mg/kg wet	0.100		99.1	80-120	5.25	20	

Xylene (o)	0.0936	0.00100	"	0.100	93.6	80-120	3.88	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120	101	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120	98.3	80-120			
Calibration Check (P2C0907-CCV1)				Prepared & Ar	nalyzed: 03/09/22				
Benzene	0.115	0.00100	mg/kg wet	0.100	115	80-120			
Toluene	0.104	0.00100	"	0.100	104	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	110	80-120			
Xylene (p/m)	0.225	0.00200	"	0.200	113	80-120			
Xylene (o)	0.111	0.00100	"	0.100	111	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120	102	75-125			

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.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2C0907 - General Preparation (GC)										
Calibration Check (P2C0907-CCV2)				Prepared:	03/09/22 An	nalyzed: 03	/10/22			
Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.0998	0.00100	"	0.100		99.8	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.8	75-125			
Calibration Check (P2C0907-CCV3)				Prepared:	03/09/22 An	nalyzed: 03	/10/22			
Benzene	0.116	0.00100	mg/kg wet	0.100		116	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.0	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	75-125			
Matrix Spike (P2C0907-MS1)	Sou	rce: 2C09011	-01	Prepared:	03/09/22 An	nalyzed: 03	/10/22			
Benzene	0.101	0.00100	mg/kg dry	0.100	0.000590	100	80-120			
Toluene	0.0962	0.00100	"	0.100	0.00718	89.0	80-120			
Ethylbenzene	0.0984	0.00100	"	0.100	0.00192	96.5	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200	0.00291	89.1	80-120			
Xylene (o)	0.0844	0.00100	"	0.100	0.000780	83.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			
Matrix Spike Dup (P2C0907-MSD1)	Sou	rce: 2C09011	-01	Prepared:	03/09/22 An	nalyzed: 03	/10/22			
Benzene	0.106	0.00100	mg/kg dry	0.100	0.000590	105	80-120	5.00	20	
Toluene	0.102	0.00100	"	0.100	0.00718	95.1	80-120	6.66	20	
Ethylbenzene	0.104	0.00100	"	0.100	0.00192	102	80-120	5.73	20	
Xylene (p/m)	0.192	0.00200	"	0.200	0.00291	94.6	80-120	5.96	20	
Xylene (o)	0.0893	0.00100	"	0.100	0.000780	88.5	80-120	5.69	20	
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			

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.

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2C0908 - *** DEFAULT PREP ***										
Blank (P2C0908-BLK1)				Prepared &	ኔ Analyzed:	03/09/22				
Chloride	ND	1.00	mg/kg wet							
LCS (P2C0908-BS1)				Prepared &	ኔ Analyzed:	03/09/22				
Chloride	42.4		mg/kg	40.0		106	90-110			
LCS Dup (P2C0908-BSD1)				Prepared &	ኔ Analyzed:	03/09/22				
Chloride	41.6		mg/kg	40.0		104	90-110	1.89	10	
Calibration Blank (P2C0908-CCB1)				Prepared &	k Analyzed:	03/09/22				
Chloride	0.0870		mg/kg wet	-	-					
Calibration Blank (P2C0908-CCB2)				Prepared: (03/09/22 Aı	nalyzed: 03	/10/22			
Chloride	0.00		mg/kg wet							
Calibration Check (P2C0908-CCV1)				Prepared &	ኔ Analyzed:	03/09/22				
Chloride	21.8		mg/kg	20.0		109	90-110			
Calibration Check (P2C0908-CCV2)				Prepared: (03/09/22 Aı	nalyzed: 03	/10/22			
Chloride	21.7		mg/kg	20.0		109	90-110			
Matrix Spike (P2C0908-MS1)	Sou	rce: 2C09013	3-01	Prepared &	ኔ Analyzed:	03/09/22				
Chloride	53400	115	mg/kg dry	5750	48300	87.7	80-120			
Matrix Spike (P2C0908-MS2)	Sou	rce: 2C09010	6-01	Prepared: (03/09/22 A	nalyzed: 03	/10/22			
Chloride	3200	10.6	mg/kg dry	532	2630	107	80-120			
Matrix Spike Dup (P2C0908-MSD1)	Sou	rce: 2C0901.	3-01	Prepared &	ኔ Analyzed:	03/09/22				
Chloride	54300	115	mg/kg dry	5750	48300	103	80-120	1.61	20	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278
Project Manager: Tim McMinn

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

		Reporting	_	Spike	Source		%REC	_	RPD	_
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2C0908 - *** DEFAULT PREP ***										
Matrix Spike Dup (P2C0908-MSD2)	Source: 2C09016-01			Prepared: (03/09/22 A	nalyzed: 03	/10/22			
Chloride	3230	10.6	mg/kg dry	532	2630	112	80-120	0.824	20	
Batch P2C1002 - *** DEFAULT PREP ***										
Blank (P2C1002-BLK1)				Prepared &	Analyzed:	03/10/22				
Chloride	ND	1.00	mg/kg wet							
LCS (P2C1002-BS1)				Prepared &	Analyzed:	03/10/22				
Chloride	42.6		mg/kg	40.0		107	90-110			
LCS Dup (P2C1002-BSD1)				Prepared &	Analyzed:	03/10/22				
Chloride	42.8		mg/kg	40.0		107	90-110	0.363	10	
Calibration Blank (P2C1002-CCB1)				Prepared &	Analyzed:	03/10/22				
Chloride	0.112		mg/kg wet							
Calibration Blank (P2C1002-CCB2)				Prepared &	Analyzed:	03/10/22				
Chloride	0.118		mg/kg wet							
Calibration Check (P2C1002-CCV1)				Prepared &	Analyzed:	03/10/22				
Chloride	21.0		mg/kg	20.0	-	105	90-110			
Calibration Check (P2C1002-CCV2)				Prepared &	Analyzed:	03/10/22				
Chloride	21.2		mg/kg	20.0		106	90-110			
Calibration Check (P2C1002-CCV3)				Prepared &	Analyzed:	03/10/22				
Chloride	21.3		mg/kg	20.0		106	90-110			

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278
Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2C1002 - *** DEFAULT PREP ***										
Matrix Spike (P2C1002-MS1)	Sou	rce: 2C10001-	-01	Prepared &	& Analyzed:	03/10/22				
Chloride	492	1.03	mg/kg dry	258	245	95.9	80-120			
Matrix Spike (P2C1002-MS2)	Sou	rce: 2C09011-	-13	Prepared &	& Analyzed:	03/10/22				
Chloride	349	1.04	mg/kg dry	260	112	90.9	80-120			
Matrix Spike Dup (P2C1002-MSD1)	Sou	rce: 2C10001-	-01	Prepared &	& Analyzed:	03/10/22				
Chloride	498	1.03	mg/kg dry	258	245	98.0	80-120	1.06	20	
Matrix Spike Dup (P2C1002-MSD2)	Sou	rce: 2C09011-	-13	Prepared &	& Analyzed:	03/10/22				
Chloride	374	1.04	mg/kg dry	260	112	101	80-120	6.97	20	
Batch P2C1007 - *** DEFAULT PREP ***										
Blank (P2C1007-BLK1)				Prepared &	& Analyzed:	03/10/22				
% Moisture	ND	0.1	%							
Blank (P2C1007-BLK2)				Prepared &	& Analyzed:	03/10/22				
% Moisture	ND	0.1	%		-					
Blank (P2C1007-BLK3)				Prepared &	& Analyzed:	03/10/22				
% Moisture	ND	0.1	%	•						
Duplicate (P2C1007-DUP1)	Sou	rce: 2C09006	-05	Prepared &	& Analyzed:	03/10/22				
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P2C1007-DUP2)	Sou	rce: 2C09010-	-02	Prepared &	& Analyzed:	03/10/22				
% Moisture	15.0	0.1	%		15.0			0.00	20	

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278
Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
z mary c	result	Liiiit	Cints	LCVCI	Result	/UICEC	Limits	КГБ	Limit	110103
Batch P2C1007 - *** DEFAULT PREP ***										
Duplicate (P2C1007-DUP3)	Sour	ce: 2C09011-	13	Prepared &	Analyzed:	03/10/22				
% Moisture	3.0	0.1	%		4.0			28.6	20	R2
Duplicate (P2C1007-DUP4)	Sour	ce: 2C09014-	04	Prepared &	Analyzed:	03/10/22				
% Moisture	17.0	0.1	%		17.0			0.00	20	
Duplicate (P2C1007-DUP5)	Sour	ce: 2C09017-	03	Prepared &	: Analyzed:	03/10/22				
% Moisture	9.0	0.1	%		9.0			0.00	20	

Project: Winnebago CTB Flare

13000 West County Road 100 Odessa TX, 79765 Project Number: 15278
Project Manager: Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C1003 - *** DEFAULT PREP ***										
Blank (P2C1003-BLK1)				Prepared &	Analyzed:	03/10/22				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	58.6		"	50.0		117	70-130			
LCS (P2C1003-BS1)				Prepared &	Analyzed:	03/10/22				
C6-C12	1140	25.0	mg/kg wet	1000		114	75-125			
>C12-C28	1060	25.0	"	1000		106	75-125			
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	62.5		"	50.0		125	70-130			
LCS Dup (P2C1003-BSD1)				Prepared &	Analyzed:	03/10/22				
C6-C12	1150	25.0	mg/kg wet	1000		115	75-125	0.247	20	
>C12-C28	1060	25.0	"	1000		106	75-125	0.318	20	
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	62.3		"	50.0		125	70-130			
Calibration Check (P2C1003-CCV1)				Prepared &	Analyzed:	03/10/22				
C6-C12	561	25.0	mg/kg wet	500		112	85-115			
>C12-C28	508	25.0	"	500		102	85-115			
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	52.3		"	50.0		105	70-130			
Calibration Check (P2C1003-CCV2)				Prepared &	Analyzed:	03/10/22				
C6-C12	531	25.0	mg/kg wet	500		106	85-115			
>C12-C28	492	25.0	"	500		98.4	85-115			
Surrogate: 1-Chlorooctane	106		"	100		106	70-130			
Surrogate: o-Terphenyl	47.6		"	50.0		95.1	70-130			

Permian Basin Environmental Lab, L.P.

Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Manager: Tim McMinn

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

Project: Winnebago CTB Flare

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2C1003 - *** DEFAULT PREP ***										
Matrix Spike (P2C1003-MS1)	Sour	ce: 2C09011	-08	Prepared: (03/10/22 A	nalyzed: 03	/11/22			
C6-C12	937	25.5	mg/kg dry	1020	24.1	89.4	75-125			
>C12-C28	910	25.5	"	1020	17.6	87.4	75-125			
Surrogate: 1-Chlorooctane	125		"	102		123	70-130			
Surrogate: o-Terphenyl	53.9		"	51.0		106	70-130			
Matrix Spike Dup (P2C1003-MSD1)	Sour	rce: 2C09011	-08	Prepared: (03/10/22 A	nalyzed: 03	/11/22			
C6-C12	923	25.5	mg/kg dry	1020	24.1	88.1	75-125	1.56	20	
>C12-C28	893	25.5	"	1020	17.6	85.8	75-125	1.89	20	
Surrogate: 1-Chlorooctane	116		"	102		114	70-130			
Surrogate: o-Terphenyl	48.5		"	51.0		95.1	70-130			
Batch P2C1004 - *** DEFAULT PREP ***										
Blank (P2C1004-BLK1)				Prepared: (03/10/22 A	nalyzed: 03	/11/22			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	57.5		"	50.0		115	70-130			
LCS (P2C1004-BS1)				Prepared: (03/10/22 A	nalyzed: 03	/11/22			
C6-C12	1150	25.0	mg/kg wet	1000		115	75-125			
>C12-C28	1080	25.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	60.0		"	50.0		120	70-130			
LCS Dup (P2C1004-BSD1)				Prepared: (03/10/22 A	nalyzed: 03	/11/22			
C6-C12	1170	25.0	mg/kg wet	1000		117	75-125	1.81	20	
>C12-C28	1100	25.0	"	1000		110	75-125	1.85	20	
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	61.0		"	50.0		122	70-130			

Permian Basin Environmental Lab, L.P.

Project: Winnebago CTB Flare Project Number: 15278

13000 West County Road 100 Odessa TX, 79765

Project Manager: Tim McMinn

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

	D 1	Reporting	***	Spike	Source	N/DEG	%REC	DDD	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2C1004 - *** DEFAULT PREP ***										
Calibration Check (P2C1004-CCV1)				Prepared: (03/10/22 Aı	nalyzed: 03	/11/22			
C6-C12	574	25.0	mg/kg wet	500		115	85-115			
>C12-C28	525	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	50.5		"	50.0		101	70-130			
Calibration Check (P2C1004-CCV2)				Prepared: (03/10/22 Aı	nalyzed: 03	/11/22			
C6-C12	541	25.0	mg/kg wet	500		108	85-115			
>C12-C28	500	25.0	"	500		100	85-115			
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	50.5		"	50.0		101	70-130			
Calibration Check (P2C1004-CCV3)				Prepared: (03/10/22 Aı	nalyzed: 03	/11/22			
C6-C12	510	25.0	mg/kg wet	500		102	85-115			
>C12-C28	478	25.0	"	500		95.6	85-115			
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	46.2		"	50.0		92.5	70-130			
Matrix Spike (P2C1004-MS1)	Sou	rce: 2C09018	3-03	Prepared: (03/10/22 Aı	nalyzed: 03	/14/22			
C6-C12	951	25.3	mg/kg dry	1010	18.4	92.4	75-125			
>C12-C28	915	25.3	"	1010	18.3	88.8	75-125			
Surrogate: 1-Chlorooctane	121		"	101		120	70-130			
Surrogate: o-Terphenyl	50.6		"	50.5		100	70-130			
Matrix Spike Dup (P2C1004-MSD1)	Sou	rce: 2C09018	3-03	Prepared: 0	03/10/22 Aı	nalyzed: 03	/11/22			
C6-C12	846	25.3	mg/kg dry	1010	18.4	81.9	75-125	12.0	20	
>C12-C28	811	25.3	"	1010	18.3	78.4	75-125	12.4	20	
Surrogate: 1-Chlorooctane	113		"	101		111	70-130			
Surrogate: o-Terphenyl	45.6		"	50.5		90.3	70-130			

13000 West County Road 100

Odessa TX, 79765

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

Notes and Definitions

ROI Received on Ice

R2 The RPD exceeded the acceptance limit.

NPBEL Ct Chain of Custody was not generated at PBELAB

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

	Drew	Devicor C		
Report Approved By:			Date:	3/14/2022

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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PBEL_SAMPLE_CHECKLIST_2021_1

EFFECTIVE DATE: 10/30/2021 REVISION Date: 10/30/2021 REVISION #: PBEL_2021_1

DOC #: PBEL_SAMPLE_CHECKLIST

Sample Receipt Checklist

Notes

Variance/Discrepancy:

temp 1.1 on he

Yes

302 Custody seals intact on shipping container/cooler? Shipping container/cooler in good condition? All samples received within holding time? Login Notes Analysis requested for all samples submitted? Sufficient sample volume for indicated test Samples in proper container/bottle? Custody seals intact on sample hottles? Sample containers intact? Chain of Custody agrees with sample labels? Samples received within appropriate temp? Samplers name present on COC? Sample date/time present on COC for all samples? Chain of sustody present? Chain of custody signed/dated/time when relinquished and 1106036

DOC #: PBEL_SAMPLE_CHECKLIST **REVISION Date: 10/30/2021** REVISION #: PBEL_2021_1

SAMPLE VARIANCE/NON-CONFORMANCE

NC Initiated by:

Approved by:

Date/Time: Name: Client Contacted

00

Resolution:

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2

Page 2 of 2

EFFECTIVE DATE: 10/30/2021

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



Analytical Report

Prepared for:

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

Project: Winnebago CTB Flare

Project Number: 15278 Location: New Mexico

Lab Order Number: 2D07006



Current Certification

Report Date: 04/11/22

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp-6A @ 4'	2D07006-01	Soil	04/05/22 10:28	04-06-2022 16:55

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

> Comp-6A @ 4' 2D07006-01 (Soil)

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

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	73.3	1.10	mg/kg dry	1	P2D0805	04/08/22 11:27	04/10/22 14:36	EPA 300.0
% Moisture	9.0	0.1	%	1	P2D0802	04/08/22 10:14	04/08/22 10:17	ASTM D2216

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2D0802 - *** DEFAULT PREP ***										
Blank (P2D0802-BLK1)				Prepared &	Analyzed:	04/08/22				
% Moisture	ND	0.1	%							
Blank (P2D0802-BLK2)				Prepared &	Analyzed:	04/08/22				
% Moisture	ND	0.1	%							
Blank (P2D0802-BLK3)				Prepared 8	Analyzed:	04/08/22				
% Moisture	ND	0.1	%							
Duplicate (P2D0802-DUP1)	Sou	rce: 2D07008-	01	Prepared 8	z Analyzed:	04/08/22				
% Moisture	22.0	0.1	%		21.0			4.65	20	
Duplicate (P2D0802-DUP2)	Sou	rce: 2D07010-	06	Prepared &	Analyzed:	04/08/22				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P2D0802-DUP3)	Sou	rce: 2D07012-	14	Prepared &	Analyzed:	04/08/22				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P2D0802-DUP4)	Sou	rce: 2D07012-	24	Prepared &	Analyzed:	04/08/22				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P2D0802-DUP5)	Sou	rce: 2D07024-	05	Prepared &	Analyzed:	04/08/22				
% Moisture	49.0	0.1	%		48.0			2.06	20	
Batch P2D0805 - *** DEFAULT PREP ***										
Blank (P2D0805-BLK1)				Prepared 8	z Analyzed:	04/08/22				
Chloride	ND	1.00	mg/kg wet							

Permian Basin Environmental Lab, L.P.

13000 West County Road 100 Odessa TX, 79765

Project Number: 15278 Project Manager: Tim McMinn

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

Project: Winnebago CTB Flare

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2D0805 - *** DEFAULT PREP ***										
LCS (P2D0805-BS1)				Prepared &	Analyzed:	04/08/22				
Chloride	42.7		mg/kg	40.0		107	90-110			
LCS Dup (P2D0805-BSD1)				Prepared &	Analyzed:	04/08/22				
Chloride	43.5		mg/kg	40.0		109	90-110	1.70	10	
Calibration Blank (P2D0805-CCB1)				Prepared &	Analyzed:	04/08/22				
Chloride	0.00		mg/kg wet							
Calibration Blank (P2D0805-CCB2)				Prepared &	Analyzed:	04/08/22				
Chloride	0.0950		mg/kg wet							
Calibration Check (P2D0805-CCV1)				Prepared &	Analyzed:	04/08/22				
Chloride	21.8		mg/kg	20.0		109	90-110			
Calibration Check (P2D0805-CCV2)				Prepared &	Analyzed:	04/08/22				
Chloride	21.1		mg/kg	20.0		106	90-110			
Calibration Check (P2D0805-CCV3)				Prepared: (04/08/22 A1	nalyzed: 04	/10/22			
Chloride	21.9		mg/kg	20.0		110	90-110			
Matrix Spike (P2D0805-MS1)	Sou	rce: 2D05003	3-48	Prepared &	Analyzed:	04/08/22				
Chloride	11000	28.4	mg/kg dry	1420	9040	134	80-120			QM-05
Matrix Spike (P2D0805-MS2)	Sou	rce: 2D06005	5-06	Prepared &	Analyzed:	04/08/22				
Chloride	364	1.18	mg/kg dry	294	82.6	95.6	80-120			
Matrix Spike Dup (P2D0805-MSD1)	Sou	rce: 2D05003	3-48	Prepared &	: Analyzed:	04/08/22				
Chloride	10900	28.4	mg/kg dry	1420	9040	128	80-120	0.828	20	QM-05

13000 West County Road 100 Odessa TX, 79765 Project: Winnebago CTB Flare

Project Number: 15278
Project Manager: Tim McMinn

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

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

Batch P2D0805 - *** DEFAULT PREP ***

Matrix Spike Dup (P2D0805-MSD2)	Source	e: 2D06005-06	Prepared &	Analyzed:	04/08/22				
Chloride	363	1.18 mg/kg dry	294	82.6	95.5	80-120	0.0680	20	

Permian Basin Environmental Lab, L.P.

13000 West County Road 100

Odessa TX, 79765

Project: Winnebago CTB Flare

Project Number: 15278 Project Manager: Tim McMinn

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.

NPBEL Ct Chain of Custody was not generated at PBELAB

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

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:

R. J. Burron

Date:

4/11/2022

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.

E Tech Environmental & Safety Solutions, Inc. [1] Project: Winnebago CTB Flare

13000 West County Road 100Project Number: 15278Odessa TX, 79765Project Manager: Tim McMinn

Permian Basin Environmental Lab, L.P.

Project Manager:

Tim McMinn

Company Name:

Company Address: P.O. Box 62228

Sampler Signature: City/State/Zip:

email:

Wesley @ etechenv.com

Tim@etechenv.com

Phones	Midland Texas 79701	1 100 Rankin Hwy	ge
			30
Environmental Lab, LP	Dermian Basin	Permian Basin Environmental Lab, LP	6 o

Etech Environmental & Safety Solutions, Inc.

rebugo

Droino+ #.	Project Name:	(wire
8425/	ne: Winn	Michael

Area: Project Loc: Lea County PO#: 94307 CTB Flare

□Bill Etech

Relinquished by:	Relinquished by:	Reiniquisited by:	Doling linkod by:	Special Instructions:														LAB#(lab use only)		ORDER #: 80	(lab use only)	
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Mina Blodne	Received by:			Resource 1													4/5/22	Date Sampled	Preservation & # of Containers			•
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erati	88	Custody seals on cooler(s) Sample Hand Delivered	dy's	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?														SAR / ESP / CEC		TOTAL	ICLP:	
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Page 1 of 1

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2

PBEL_SAMPLE_CHECKLIST_2021_1





DOC #: PBEL_SAMPLE_CHECKLIST EFFECTIVE DATE: 10/30/2021 REVISION Date: 10/30/2021 REVISION #: PBEL_2021_1

SAMPLE VARIANCE/NON-CONFORMANCE

DOC #: PBEL_SAMPLE_CHECKLIST EFFECTIVE DATE: 10/30/2021 REVISION Date: 10/30/2021 REVISION #: PBEL_2021_1

Sample Receipt Checklist

Yes

Notes

Variance/Discrepancy:

Analysis requested for all samples submitted? Samples in proper container/bottle? Chain of custody signed/dated/time when relinquished and Custody seals intact on shipping container/cooler? All samples received within holding time? Sample containers intact? Samplers name present on COC? received? 200700C Name: Date/Time: Resolution NC initiated by: Approved by:

Page 2 of 2

Released to Imaging: 8/29/2022 1:51:08 PM

Page 10 of 10

APPENDIX D

Site Photographs

Project Name: Winnebago CTB Flare Release

Project No: 15278

Photo No:

Direction Taken:

Southwest

Description:

View of the release area.



Photo No:

2.

Direction Taken:

Northeast

Description:

View of the release area.



Project Name: Winnebago CTB Flare Release

Project No: 15278

Photo No:

Direction Taken:

West

Description:

View of the release area.



Photo No:

Direction Taken:

Northwest

Description:

View of the release area.



Project Name: Winnebago CTB Flare Release

Project No: 15278

Photo No: 5.

Direction Taken:

Northeast

Description:

View of the excavation activities.



Photo No:

Direction Taken:

Northwest

Description:

View of the excavation activities.



Project Name: Winnebago CTB Flare Release

Project No: 15278

Photo No: 7.

Direction Taken:

North

Description:

View of the excavation activities.



Photo No:

Direction Taken:

Southeast

Description:

View of the excavation activities.



Photo No:

9.

Project Name: Winnebago CTB Flare Release

Project No: 15278

Direction Taken:

Southeast

Description:

View of the backfilling of excavation.



Photo No: 10.

Direction Taken:

South

Description:

View of completed backfill of site.



APPENDIX E NMOCD Email Extension

Jeff Kindley

From:

Wesley Desilets

Sent:

Monday, August 8, 2022 8:53 AM

To:

Jeff Kindley

Subject:

FW: -EXTERNAL- The Oil Conservation Division (OCD) has approved the application,

Application ID: 82199

From: Nikki Mishler < Nikki. Mishler @cdevinc.com>

Sent: Friday, February 18, 2022 2:39 PM

To: Wesley Desilets < Wesley@etechenv.com>

Subject: Fwd: -EXTERNAL- The Oil Conservation Division (OCD) has approved the application, Application ID: 82199

Nikki Green

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us>

Sent: Friday, February 18, 2022 11:27 AM

To: Nikki Mishler

Subject: -EXTERNAL- The Oil Conservation Division (OCD) has approved the application, Application ID: 82199

WARNING: The sender of this email could not be validated and may not match the person in the "From" field.

To whom it may concern (c/o Nikki Mishler for CENTENNIAL RESOURCE PRODUCTION, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2132339581, with the following conditions:

- Final Composite samples will follow the OCD guidelines for closure criteria and test for all constituentes.
- Closure report due 04/18/2022

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Chad Hensley
Environmental Science & Specialist
575-703-1723
Chad.Hensley@state.nm.us

Received by OCD: 8/23/2022 12:43:34 PM

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 CAUTION: This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

Total Control Panel Login

To: wesley@etechenv.com

Message Score: 1

From: nikki.mishler@cdevinc.com

My Spam Blocking Level: High

Medium (75): Pass Low (90): Pass

Released to Imaging: 8/29/2022 1:51:08 PM

High (60): Pass

Block this sender
Block cdevinc.com

This message was delivered because the content filter score did not exceed your filter level.

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

District II

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

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

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

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

CONDITIONS

Action 136958

CONDITIONS

Operator:	OGRID:
CENTENNIAL RESOURCE PRODUCTION, LLC	372165
1001 17th Street, Suite 1800	Action Number:
Denver, CO 80202	136958
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	8/29/2022