

TABLE OF CONTENTS

1.0	INTRODUCTION & SITE DESCRIPTION	1
2.0	BACKGROUND INFORMATION	1
3.0	FIELD ACTIVITIES	3
	3.1 Product Recovery	3
	3.2 Groundwater Recovery	3
	3.3 Groundwater Monitoring	4
4.0	LABORATORY RESULTS.	4
5.0	SUMMARY	6
6.0	ANTICIPATED ACTIONS	7
7.0	LIMITATIONS	7
8.0	DISTRIBUTION	8

FIGURES

Figure 1 – Site Location Map

- Figure 2A Inferred Groundwater Gradient Map 1Q2023
- Figure 2B Inferred Groundwater Gradient Map 2Q2023
- $Figure \ 2C-Inferred \ Groundwater \ Gradient \ Map-3Q2023$
- Figure 2D Inferred Groundwater Gradient Map 4Q2023
- Figure 3A Groundwater Concentration Map 1Q2023
- Figure 3B Groundwater Concentration Map 2Q2023
- Figure 3C Groundwater Concentration Map 3Q2023
- Figure 3D Groundwater Concentration Map 4Q2023

TABLES

- Table 1 Groundwater Elevation & PSH Thickness Summary
- Table 2 Groundwater BTEX Concentration Analytical Summary
- Table 3 SVE Emission Analytical Summary BTEX & TPH
- Table 4 MW-1 SVE System Operation & PSH Thickness & Recovery Summary
- Table 5 MW-5 Gauging & BTEX Impacted Groundwater Recovery Summary
- Table 6 Concentrations of PAH in Groundwater Summary

APPENDICES

- Appendix A Laboratory Analytical Reports (Groundwater)
- Appendix B Laboratory Analytical Reports (Air Emission)

1.0 INTRODUCTION & SITE DESCRIPTION

Etech Environmental & Safety Solutions (Etech), on behalf of Plains All American Pipeline, LP (Plains), has prepared this *2023 Annual Groundwater Monitoring Report* for the DCP Plant to Lea Station 6" #2 Release Site in accordance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1st of each year.

The legal description of the DCP Plant to Lea Station 6" #2 Release Site is Unit Letter "F" (SE/NW), Section 31, Township 20 South, Range 37 East, in Lea County, New Mexico. The property affected by the release is owned by the State of New Mexico and administered by the New Mexico State Land Office (NMSLO). The geographic coordinates of the Release Site are 32.5316667° North latitude and 103.2911111° West longitude. A "Site Location Map" is provided as Figure 1.

2.0 BACKGROUND INFORMATION

On February 12, 2009, Plains discovered a crude oil release from a six-inch (6") steel pipeline. During initial response activities, Plains installed a temporary clamp on the pipeline to mitigate the release. Approximately 25 barrels (bbls) of crude oil was released from the pipeline, resulting in a surface stain measuring approximately 10 feet (ft.) in width and 12 ft. in length. Plains notified the NMOCD Hobbs District Office of the release, and a "Release Notification and Corrective Action" (Form C-141) was submitted. The cause of the release was attributed to external corrosion of the pipeline.

On February 17, 2009, following initial response activities, excavation of hydrocarbon-impacted soil began at the Site. Excavated soil was stockpiled on-site on a plastic liner to mitigate the potential leaching of contaminants into the vadose zone. Approximately 2,700 cubic yards (yd³) of soil was stockpiled on-site during excavation activities. The final dimensions of the excavation were approximately 66 ft. in width, approximately 80 ft. in length, and approximately 15 ft. in depth. Upon completion of the excavation activities, confirmation soil samples were collected from the excavation and stockpiles. Review of laboratory analytical results indicated soil samples collected from the excavation and stockpiles exhibited concentrations less than NMOCD regulatory standards.

On April 15, 2009, a soil boring (SB-1) was advanced at the Release Site to evaluate the vertical extent of soil impact. During the advancement of the soil boring, groundwater was encountered at approximately 76 ft. below ground surface (bgs). A temporary casing was installed in the soil boring to allow a groundwater sample to be collected for analysis. During the collection of the groundwater sample, a measurable thickness of phase-separated hydrocarbons (PSH) was observed on the groundwater. Plains immediately notified NMOCD representatives in the Hobbs District Office and the NMOCD Environmental Bureau (Santa Fe) of the impact to groundwater at the Release Site. On April 16, 2009, SB-1 was converted to 4-inch monitor well (MW-1).

On June 29, 2009, three (3) additional monitor wells (MW-2, MW-3, and MW-4) were installed to evaluate the status of the groundwater at the Site. Monitor well MW-2 is located approximately 135 ft. to the northwest (up-gradient) of monitor well MW-1. The monitor well was installed to a total depth of approximately 90 ft. bgs. Monitor well MW-3 is located approximately 80 ft. to the

southwest (cross-gradient) of monitor well MW-1. The monitor well was installed to a total depth of approximately 90 ft. bgs. Monitor well MW-4 is located approximately 115 ft. to the southeast (down-gradient) of monitor well MW-1. The monitor well was installed to a total depth of approximately 88 ft. bgs. Subsequent gauging determined that PSH was not present in monitor wells MW-2, MW-3, or MW-4.

On August 25, 2009, a 20-mil polyurethane liner was installed on the floor of the excavation. Monitor well MW-1, located within the excavation, was extended to the top of the excavation using a 4-inch diameter PVC riser. The riser was fitted with a 40-mil boot, which was chemically welded to the 20-mil liner to ensure impermeability of the liner. The liner was cushioned by a 6-inch layer of sand installed above and below the liner to protect the liner from damage during backfilling. The excavation was backfilled with the stockpiled soil and compacted in 12-inch lifts. The disturbed areas were contoured to fit the surrounding topography and seeded with an NMSLO-approved seeding mixture. Supplemental seeding occurred on October 12, 2010.

On January 24, 2011, one (1) additional monitor well (MW-5) was installed to further monitor the down-gradient migration of the PSH plume. Monitor well MW-5 is located approximately 50 ft. to the southeast (down-gradient) of monitor well MW-1. The monitor well was installed to a total depth of approximately 95 ft. bgs. PSH was not detected in monitor well MW-5. Laboratory analytical results of soil samples collected during the installation of monitor well MW-5 indicated benzene, BTEX, and TPH concentrations were less than NMOCD regulatory standards in all submitted soil samples.

On September 10, 2013, two (2) additional monitor wells (MW-6 and MW-7) were installed to further monitor the down-gradient migration of the dissolved-phase plume and to delineate the horizontal extent of PSH. Monitor well MW-6 is located approximately 125 ft. to the east-southeast (cross-gradient) of monitor well MW-1. The monitor well was installed to a total depth of approximately 95 ft. bgs. Monitor well MW-7 is located approximately 175 ft. to the southeast (down-gradient) of monitor well MW-1. The monitor well was installed to a total depth of approximately 100 ft. bgs. Laboratory analytical results of soil samples collected during the installation of monitor wells MW-6 and MW-7 indicated benzene, BTEX, and TPH concentrations were less than NMOCD regulatory standards in all submitted soil samples. PSH was not detected in monitor wells MW-6 or MW-7.

On August 18, 2020, one (1) additional monitor well (MW-8) was installed pursuant to the Work Plan dated November 25th, 2019. Monitor well MW-8 is located approximately 125 ft. to the south (cross-gradient) of monitor well MW-1. The monitor well was installed to a total depth of approximately 100 ft. bgs.

In February 2023, Etech, at the request of Plains, assumed project management and oversight responsibilities for groundwater remediation activities at the DCP Plant to Lea Station 6-Inch #2 Site.

Currently, a total of eight (8) monitor wells are located at the DCP Plant to Lea Station 6-Inch #2 Release Site. Monitor wells MW-2 through MW-8 are gauged and sampled on a quarterly schedule, while monitor well MW-1 is gauged monthly but not sampled due to the presence of PSH.

3.0 FIELD ACTIVITIES

3.1 **Product Recovery**

A measurable thickness of PSH was detected in monitor well MW-1 during the initial site investigation. Manual recovery of PSH from MW-1 commenced in April 2009, and approximately 6,225 gallons (148.2 barrels) of PSH were recovered between 2009 and 2022. No measurable thickness of PSH was detected in any of the monthly recovery events conducted during the 2023 monitoring period. Approximately 145 gallons (3.45 bbls) of hydrocarbon-impacted groundwater were recovered by manual recovery from monitor well MW-1 during the reporting period. Groundwater gauging and recovery data for monitor well MW-1 is summarized in Table 4.

All recovered fluids were disposed of at an NMOCD-approved disposal facility.

On July 18, 2012, a Mobile Dual-Phase Extraction (MDPE) unit was installed on monitor well MW-1 by Talon LPE. The MDPE unit was shared with the nearby Release Site known as DCP Plant to Lea Station 6-Inch Sec. 31 (NMOCD Incident ID # nAPP2109730917), and the location of the unit was alternated quarterly. As of July 2017, an estimated 7,901 equivalent gallons (188 bbls) of PSH had been recovered from monitor well MW-1 by MDPE.

On July 19, 2017, the MDPE unit was replaced with a Soil Vapor Extraction (SVE) unit which was permanently installed on monitor well MW-1. Since August 2017, monthly emissions samples were collected to ensure compliance with New Mexico Environment Department (NMED) Air Quality Bureau (AQB) Action Levels. Effluent air samples are collected from the exhaust port of the SVE system during each monthly recovery event. Emission mass calculations resulted in a decrease in average emissions of TPH from 5.74 tons/year in 2022 to 1.98 tons/year in 2023. Average emission volume also decreased from 5.31 gal/day in 2022 to 1.83 gal/day in 2023. Effluent air samples were below the AQB criteria of 10 tons of TPH per year throughout the 2023 reporting period. Laboratory analytical results for effluent air samples are summarized in Table 3, and laboratory analytical reports are provided in Appendix B.

3.2 Groundwater Recovery

Manual recovery of hydrocarbon impacted groundwater from monitor well MW-5 commenced on January 22, 2016. Approximately 165 gallons (3.93 bbls) of impacted groundwater were recovered by manual recovery from monitor well MW-5 during the 2023 reporting period.

Aggressive Fluid Recovery (AFR) events were conducted on monitor wells MW-1 and MW-5 during August and September 2023. During the AFR events, a submersible pump was utilized to conduct prolonged recovery events consisting of approximately 5-7 hours of pumping. A total of approximately 1,050 gallons (25 bbls) of hydrocarbon-impacted groundwater were recovered from each monitor well during the AFR events. The recovered fluid was pumped directly into the onsite polystyrene aboveground storage tank (AST), pending transport to an NMOCD-approved disposal facility.

For monitor well MW-1, an estimated 1,195 gallons (28.5 bbls) of hydrocarbon-impacted groundwater were recovered during the reporting period via a combination of manual recovery and AFR.

For monitor well MW-5, an estimated 1,215 gallons (28.9 bbls) of hydrocarbon-impacted groundwater were recovered during the reporting period via a combination of manual recovery and AFR. Approximately 3,697 gallons (88.0 bbls) of impacted groundwater have been recovered from the well since 2016.

AFR recovery data for monitor well MW-1 is included in Table 4. Groundwater gauging and recovery data for monitor well MW-5 is summarized in Table 5.

All recovered fluids were ultimately disposed of at an NMOCD-approved disposal facility.

3.3 Groundwater Monitoring

The on-site monitor wells were gauged and sampled on March 29 and 31 (1Q2023); June 22 (2Q2023); September 18 and 22 (3Q2023); and December 5, 2023. The groundwater monitoring events consisted of measuring static water levels in the on-site monitor wells (MW-1 through MW-8), checking for the presence of PSH, and purging and sampling of each well exhibiting sufficient recharge. Purged water was placed into the on-site AST and disposed of at an NMOCD-approved disposal facility.

Groundwater samples were collected utilizing low-flow sampling equipment, including a bladder pump and multi-parameter meter. Prior to sample collection, readings on the multi-parameter meter were recorded for a minimum of four (4) cycles of five (5) minutes each. Each groundwater sample collected was placed in laboratory-supplied containers appropriate to the analysis requested and placed on ice in a cooler.

Based on sampling criteria provided by the NMOCD, only monitor well MW-1 was subject to annual monitoring for polycyclic aromatic hydrocarbons (PAH). A PAH monitoring event was conducted on February 10, 2023.

Locations of the groundwater monitor wells and the inferred groundwater elevations, which were constructed from measurements collected during the 2023 quarterly sampling events, are depicted in Figures 2A through 2D. The "Inferred Groundwater Gradient Map" from the most recent sampling event (Figure 2D, 4Q2023) indicates a general groundwater gradient of approximately 0.002 feet/foot to the south-southeast as measured between monitor wells MW-2 and MW-7. Groundwater elevation and PSH thickness data is summarized in Table 1.

4.0 LABORATORY RESULTS

Groundwater samples collected from the on-site monitor wells during the quarterly and annual monitoring events were delivered to Eurofins Environment Testing South Central, LLC, in Midland, Texas, for determination of chloride, BTEX, and/or PAH constituent concentrations by Environmental Protection Agency (EPA) Methods 300, SW846-8021b, and SW846 8270C, respectively. A summary of laboratory analytical results is presented in Table 2. A summary of PAH constituent concentrations is provided in Table 6. "Groundwater Concentration" maps are provided as Figures 3A through 3D. Laboratory analytical reports are provided as Appendix A.

Laboratory analytical results were compared to NMOCD regulatory limits based on the New Mexico groundwater standards found in Section 20.6.2.3103 of the New Mexico Administrative Code (NMAC).

Monitor well MW-1

Laboratory analytical results indicated benzene concentrations ranged from 0.00274 mg/L in 4Q2023 to 0.173 mg/L in 1Q2023. Toluene concentrations ranged from less than the laboratory method detection limit (MDL) in 4Q2023 to 0.0164 mg/L in 1Q2023. Ethylbenzene concentrations ranged from 0.00331 mg/L in 4Q2023 to 0.174 mg/L in 3Q2023. Total xylene concentrations ranged from 0.00296 mg/L in 4Q2023 to 0.185 mg/L in 3Q2023. The monitor well was inadvertently not sampled in 2Q2023.

Benzene concentrations exceeded the NMOCD regulatory standard of 0.01 mg/L in 1Q2023 and 3Q2023. Toluene, ethylbenzene, and total xylene concentrations were less than NMOCD regulatory standards in all submitted samples.

PAH constituent concentrations in the groundwater sample collected in February 2023 were less than New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards.

Monitor well MW-2

Laboratory analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL and less than NMOCD regulatory standards in all submitted groundwater samples.

Monitor well MW-3

Laboratory analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL and less than NMOCD regulatory standards in all submitted groundwater samples.

Monitor well MW-4

Laboratory analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL and less than NMOCD regulatory standards in all submitted groundwater samples.

Monitor well MW-5

Laboratory analytical results indicated benzene concentrations ranged from less than the laboratory MDL in 3Q2023 to 0.0588 mg/L in 1Q2023. Toluene concentrations ranged from less than the laboratory MDL in 1Q2023, 3Q2023, and 4Q2023 to 0.0011 mg/L in 2Q2023. Ethylbenzene concentrations ranged from less than the laboratory MDL in 2Q2023 and 3Q2023 to 0.00654 mg/L in 1Q2023. Total xylene concentrations were less than the laboratory MDL in each of the submitted groundwater samples.

Benzene concentrations exceeded the NMOCD regulatory standard of 0.01 mg/L in 1Q2023. Toluene, ethylbenzene, and total xylene concentrations were less than NMOCD regulatory standards in all submitted samples.

Monitor well MW-6

Laboratory analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL and less than NMOCD regulatory standards in all submitted groundwater samples.

Monitor well MW-7

Laboratory analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL and less than NMOCD regulatory standards in all submitted groundwater samples.

Monitor Well MW-8

Laboratory analytical results indicated benzene concentrations ranged from less than the laboratory MDL in 1Q2023, 2Q2023, and 3Q2023 to 0.00538 mg/L in 4Q2023. Toluene concentrations were less than the laboratory MDL in each of the submitted groundwater samples. Ethylbenzene concentrations ranged from less than the laboratory MDL in 1Q2023, 2Q2023, and 3Q2023 to 0.00609 mg/L in 4Q2023. Total xylene concentrations ranged from less than the laboratory MDL in 1Q2023, 2Q2023, and 3Q2023 to 0.00484 mg/L in 4Q2023.

5.0 SUMMARY

This report presents the results of groundwater monitoring activities for the 2023 annual monitoring period. Currently, there are eight (8) groundwater monitor wells (MW-1 through MW-8) on-site. The monitor wells are on a quarterly sampling schedule. However, monitor well MW-1 was inadvertently not sampled in 2Q2023. Monitor wells MW-2 through MW-8 were gauged and sampled during all four quarters of the monitoring period. The results of these sampling events are summarized above.

Groundwater gauging data collected during the most recent sampling event (4Q2023) indicates a general gradient of approximately 0.002 feet/foot to the south-southeast as measured between monitor wells MW-2 and MW-7.

No measurable thickness of PSH was detected in any of the monitoring wells during the reporting period.

Approximately 1,195 gallons (28.5 bbls) of hydrocarbon-impacted groundwater were recovered from monitor well MW-1 during the reporting period via a combination of manual recovery and AFR.

Approximately 1,215 gallons (28.9 bbls) of hydrocarbon-impacted groundwater were recovered from monitor well MW-5 during the reporting period via a combination of manual recovery and

AFR. Approximately 3,697 gallons (88.0 bbls) of impacted groundwater have been recovered from the well since 2016.

Effluent air samples collected from the exhaust port of the SVE system during the monitoring period indicated a decrease in average emissions of TPH from 5.74 tons/year in 2022 to 1.98 tons/year in 2023. Average emission volume also decreased from 5.31 gal/day in 2022 to 1.83 gal/day in 2023. Effluent air samples were below the AQB criteria of 10 tons of TPH per year throughout the 2023 reporting period.

Review of laboratory analytical results from groundwater samples collected during the reporting period indicated benzene concentrations exceeded the NMOCD regulatory standard of 0.01 mg/L in monitor wells MW-1 (1Q2023 and 3Q2023) and MW-5 (1Q2023). Toluene, ethylbenzene, and total xylene concentrations were less than NMOCD regulatory standards in all submitted groundwater samples.

Only monitor well MW-1 was subject to PAH monitoring during the reporting period. Review of laboratory analytical results from the annual sample collected in February 2023 indicated that PAH constituent concentrations were less than NMWQCC Drinking Water Standards.

6.0 ANTICIPATED ACTIONS

Monitor wells MW-1 through MW-8 will be monitored and sampled quarterly for BTEX. Monitor well MW-1 will be sampled annually for PAH. Results of the 2024 sampling events will be reported in the *2024 Annual Monitoring Report*, which will be submitted to the NMOCD by April 1, 2025.

In lieu of manual recovery, monthly AFR events will be conducted from monitor wells MW-1 and MW-5 in an effort to control the down-gradient migration of the dissolved-phase plume.

Recovery by SVE and monthly emission sampling will continue from monitor well MW-1.

7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this 2023 Annual Groundwater Monitoring 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 on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech 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 Plains All American Pipeline, LP. 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 Plains All American Pipeline, LP.

8.0 **DISTRIBUTION**

Plains All American Pipeline, LP

1106 Griffith Drive Midland, Texas 79706

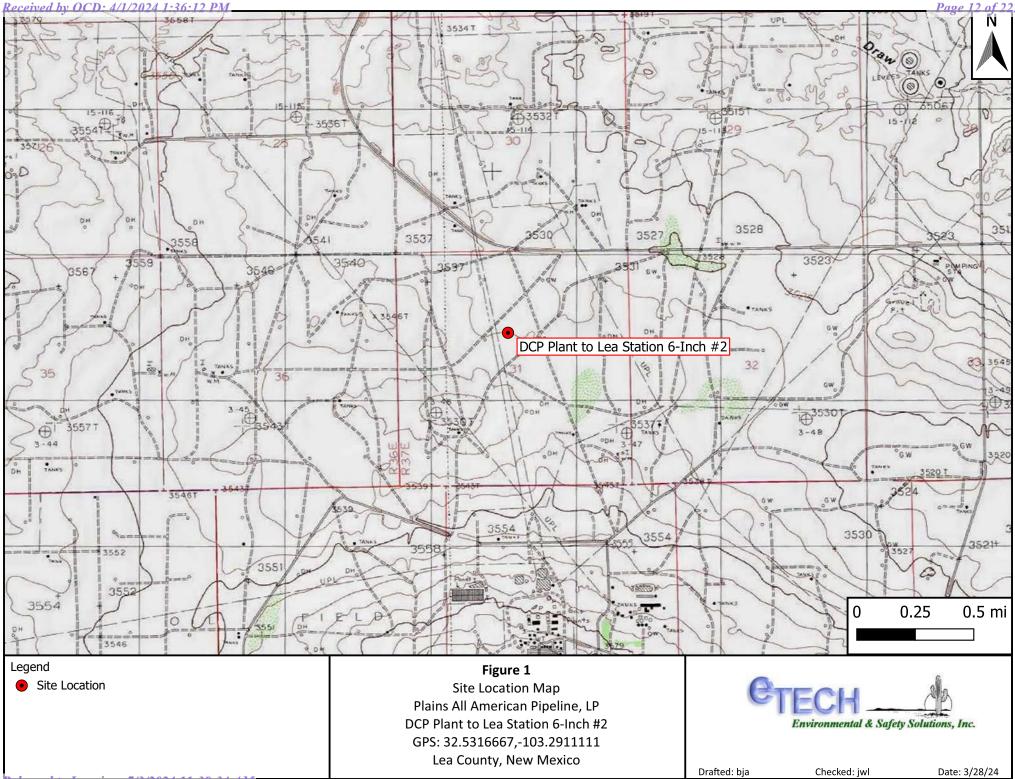
Nelson Velez Environmental Specialist - Advanced New Mexico Oil Conservation Division 1000 Rio Brazos Road Aztec, NM 87410

Jeff Dann

Plains All American Pipeline, LP 333 Clay Street, Suite 1600 Houston, Texas 77002

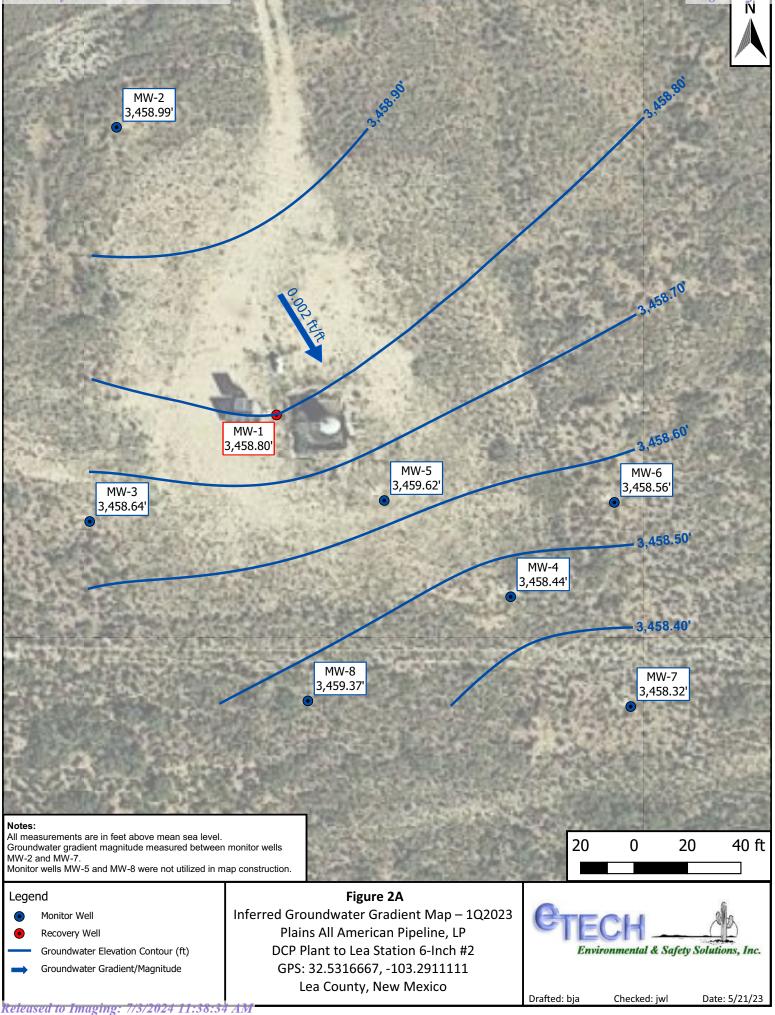
(Electronic Submission)

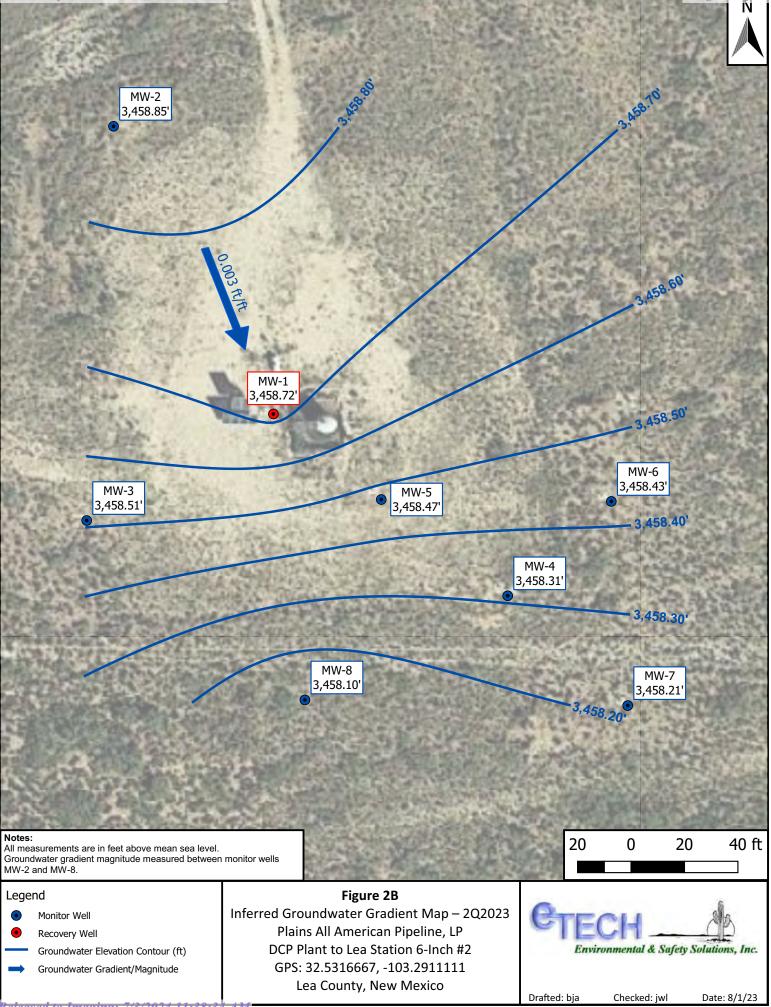
Figure 1 Site Location Map

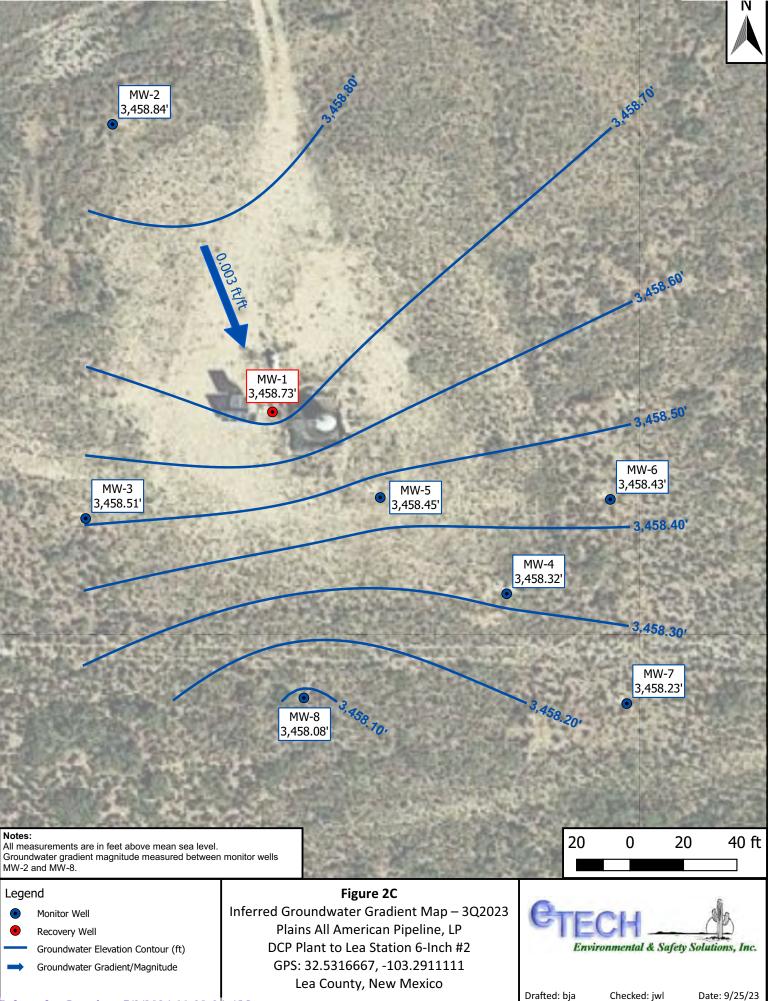


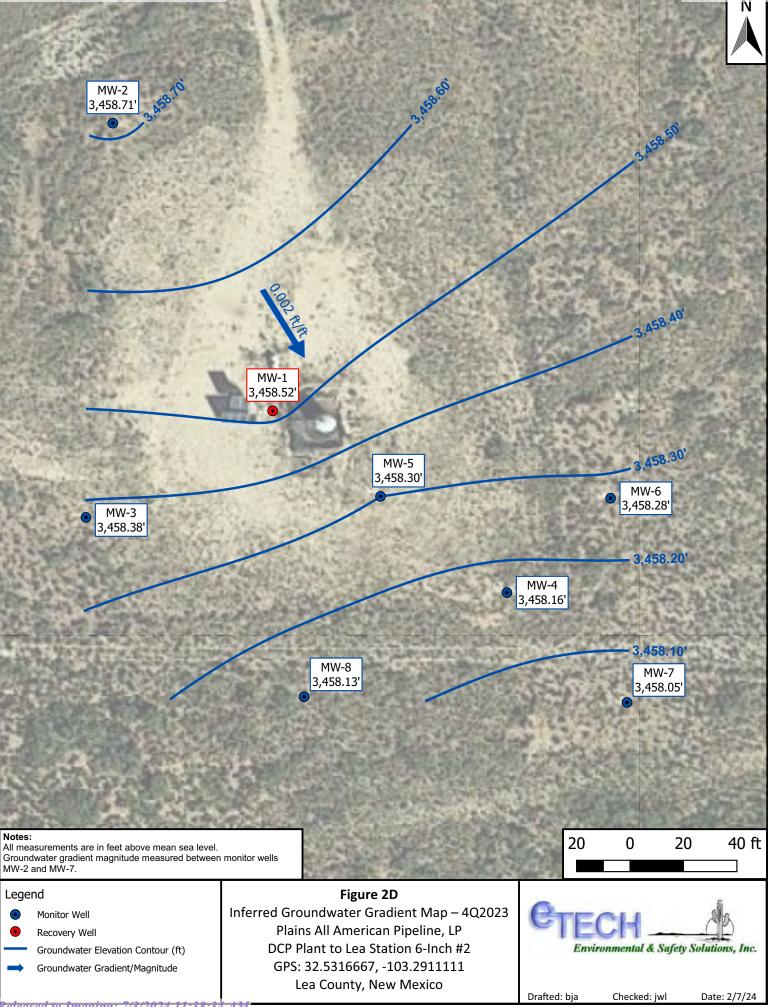
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Figures 2A - 2D Inferred Groundwater Gradient Maps



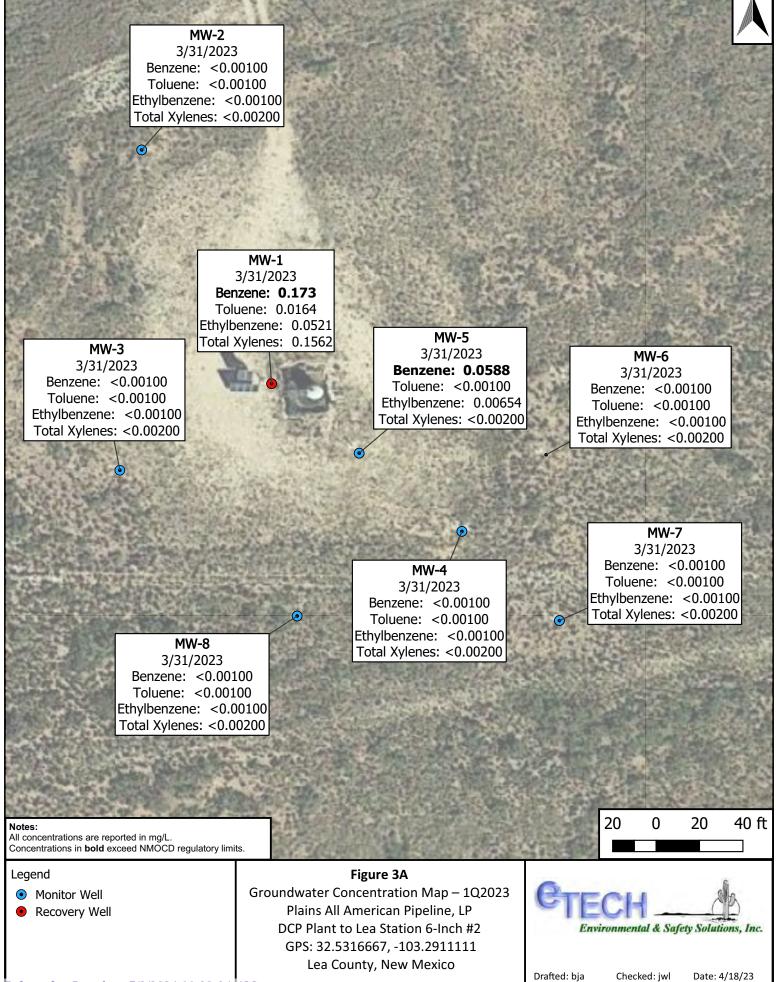


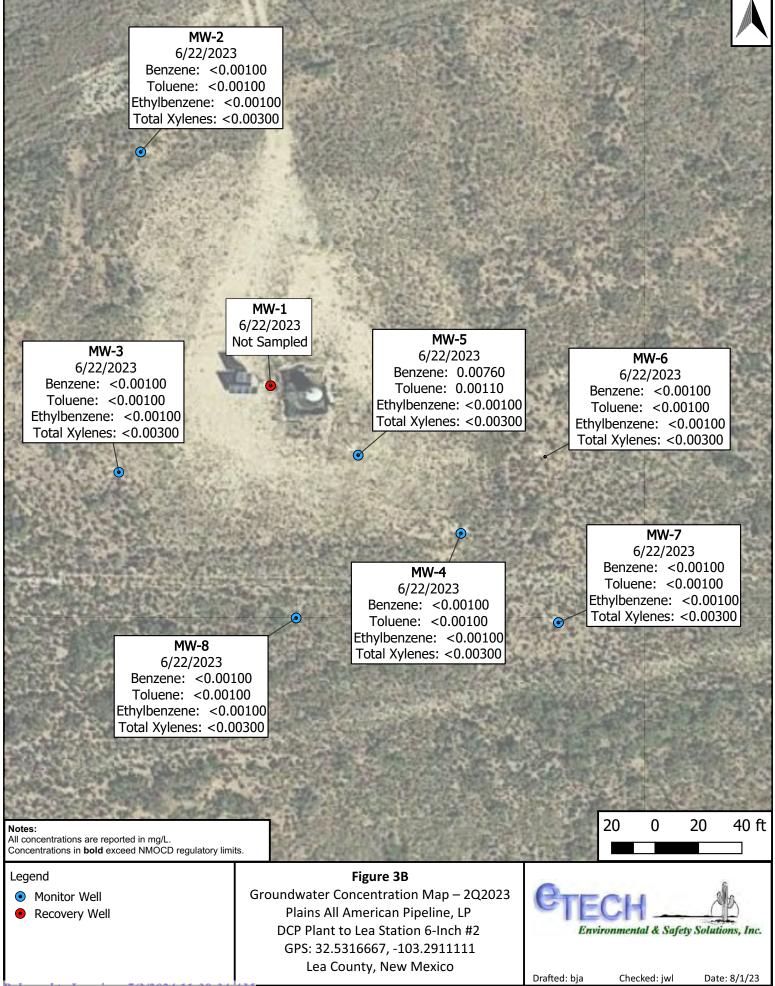


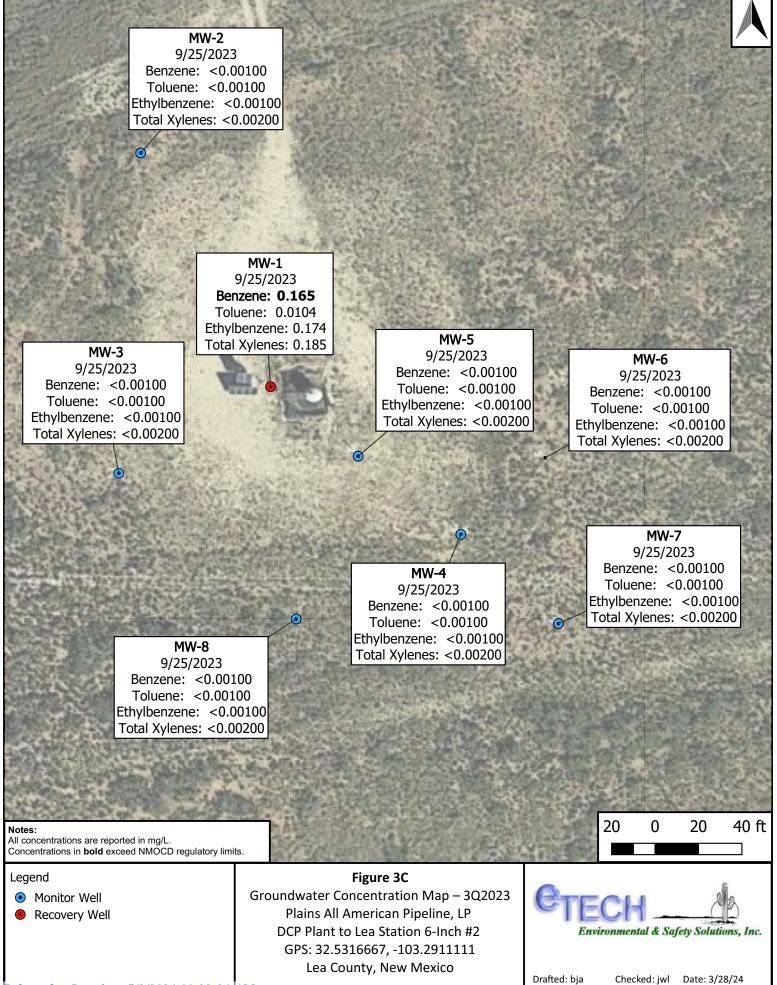


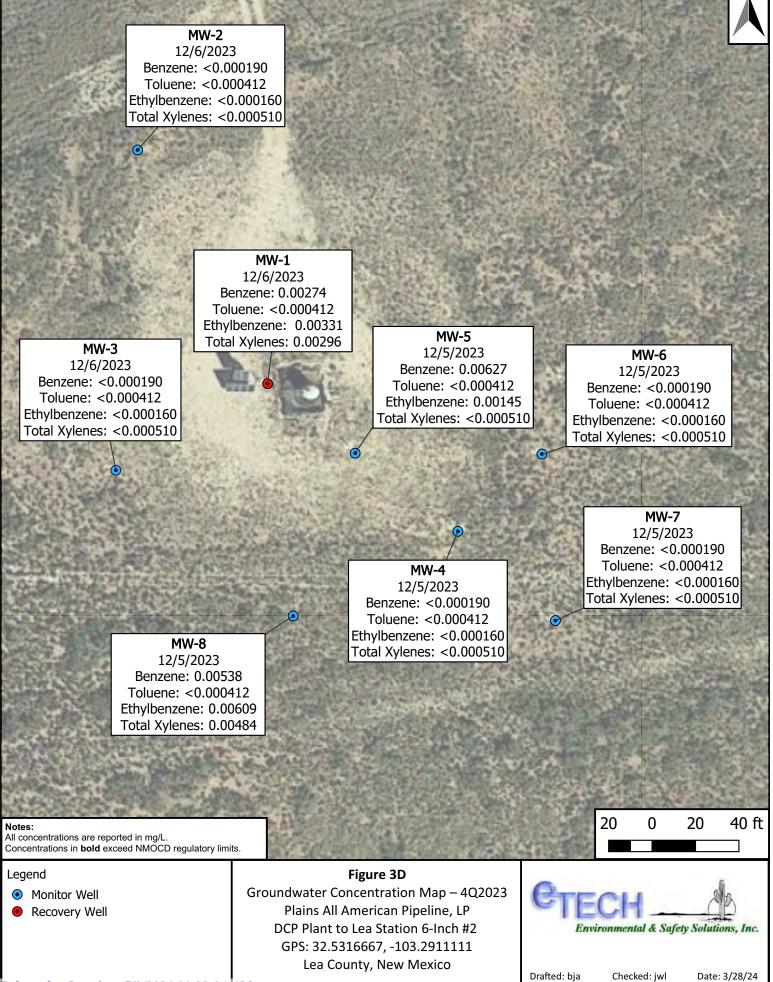
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Figures 3A - 3D Groundwater Concentration Maps









Tables 1 - 6

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Table 1 Groundwater Elevation & PSH¹ Thickness Summary

DCP Plant to Lea Station 6-Inch #2 Lea County, New Mexico Plains SRS #: 2009-039 Etech Project #: 17472

NMOCD² Incident ID#: nAPP2109730917

Monitoring Well Well Diameter ")	Date Gauged	easurements a Top of Casing (TOC) ³ Elevation*	Depth to	Depth to Water Below TOC (feet)	PSH Thickness (feet)	Corrected Groundwater Elevation**			
	03/14/22		81.47	81.50	0.03	3,458.78			
	06/14/22		-	81.43	-	3,458.82			
	9/6/2022		-	81.98	-	3,458.27			
MW-1 (4")	02/09/23	3,540.25	-	81.48	-	3,458.77			
. ,	03/29/23		-	81.45	-	3,458.80			
	06/22/23		-	81.53	-	3,458.72			
	09/18/23		-	81.52	-	3,458.73			
	12/06/23		<u> </u>	81.73	<u> </u>	3,458.52			
	03/14/22		-	79.36	-	3,458.95			
	06/14/22		-	79.36	-	3,458.95			
	09/06/22		-	79.37	-	3,458.94			
MW-2 (2")	02/09/23	3,538.31	-	79.36	-	3,458.95			
11111 2 (2)	03/29/23	0,000.01	-	79.32	-	3,458.99			
	06/22/23		-	79.46	-	3,458.85			
	09/18/23		-	79.47	-	3,458.84			
	12/06/23		- 1	79.60	-	3,458.71			
	03/14/22		· -	80.36	- T	3,458.58			
	06/14/22		-	80.35	-	3,458.59			
	09/06/22		-	80.42	-	3,458.52			
MW-3 (2")	02/09/23	3,538.94	-	80.32	-	3,458.62			
(Z) C- VVV	03/29/23	0,000.04	-	80.30	-	3,458.64			
	06/22/23		-	80.43	-	3,458.51			
	09/18/23		-	80.43	-	3,458.51			
	12/06/23		-	80.56	-	3,458.38			
	03/14/22		- I	81.25	- 1	3,458.42			
	06/14/22			81.23		3,458.44			
	09/06/22	3,539.67	-	81.35	-	3,458.32			
	02/09/23		-	81.12	-	3.458.55			
MW-4 (4")	03/29/23	3,539.67	-	81.23	-	3,458.44			
	06/22/23		-	81.36	-	3,458.31			
	09/18/23		-	81.35	-	3,458.32			
	12/05/23			81.51	-	3,458.16			
	02/14/22		-	91.04	-	2 459 51			
	03/14/22 06/14/22		-	81.04 80.91	-	<u>3,458.51</u> 3,458.64			
	09/06/22		-	80.95	-	3,458.60			
	02/09/23		-	80.96	-	3,458.59			
MW-5 (4")	03/29/23	3,539.55	-	79.93	-	3,459.62			
	06/22/23		-	81.08	-	3,458.47			
	09/18/23	_				-	81.10	-	3,458.45
	12/05/23		-	81.25	-	3,458.30			
	00/11/00		1	00.70		0.450.40			
	03/14/22 06/14/22		-	80.73 80.63	-	3,458.49 3,458.59			
	06/14/22		-	80.63	-	3,458.59			
	09/06/22		-	80.76		3,458.53			
MW-6 (2")	03/29/23	3,539.22	-	80.66	-	3,458.56			
	06/22/23		-	80.79	-	3,458.43			
	09/18/23		-	80.79	-	3,458.43			
	12/05/23		-	80.94	-	3,458.28			
	00/41/00		1	00.00		0.450.05			
	03/14/22		-	80.68	-	3,458.29			
	06/14/22		-	80.57 80.71	-	3,458.40			
	09/06/22 02/09/23		-	80.71 80.65	-	3,458.26 3,458.32			
MW-7 (4")	03/29/23	3,538.97	-	80.65	-	3,458.32			
	06/22/23		-	80.76	-	3,458.21			
	09/18/23		-	80.74	-	3,458.23			
	12/05/23		-	80.92	-	3,458.05			
				1					
	03/14/22		-	81.72	-	3,458.32			
	06/14/22		-	81.60	-	3,458.44			
	09/06/22		-	81.70	-	3,458.34			
			-	81.65	-	3,458.39			
MW-8 (2")	02/09/23	3,540.04		00.07		2 157 07			
MW-8 (2")	03/29/23	3,540.04	-	82.67	-	3,457.37			
MW-8 (2")		3,540.04	-	82.67 81.94 81.96	-	3,457.37 3,458.10 3,458.08			

Notes:

Notes: 1. PSH: Phase Separated Hydrocarbons 2. NMOCD: New Mexico Oil Conservation Division 3. TOC: Top of Casing * Elevations based on the North American Vertical Datum of 1988. ** Corrected groundwater elevations were extrapolated using a PSH specific gravity of 0.85, if PSH was gauged in the monitoring well.

Table 2 Groundwater BTEX¹ Concentration Analytical Summary

DCP Plant to Lea Station 6-Inch #2 Lea County, New Mexico Plains SRS #: 2009-039 Etech Project #: 17472 NMOCD² Incident ID#: nAPP2109730917

All concentrations are in milligrams per liter (mg/l)

Monitoring Weil Date Sampled Benzene Toluene Ethylbenzene M,P- Xylenes O- Xylenes Total Tylenes Total BTEX NMOCD RRAL CRITERIA ³ 0.01 0.75 0.75 TOTAL XYLENES 0.62 NE ⁴ 06/1422			EPA SW846-8021B							
03/14/22 06(14/22 MW-1 Not Sampled Due to PSH ⁶ 90/07/22 0.0234 0.000475 0.000433 0.00134 0.000602 0.00194 0.0258 03/11/23 0.1160 0.0176 0.0778 0.136 0.0442 0.180 0.456 03/31/23 0.1165 0.0164 0.0521 0.108 0.0442 0.185 0.398 06/22/23 0.000274 0.000609 - - 0.000642 c0.000642 c0.00020 c0.00104 c0.00104 c0.00104 c0.00200 c0.00200 c0.00200 c0.00200 c0.00200 c0.00200 c0.00200 c0.00200 <t< th=""><th>-</th><th></th><th>Benzene</th><th>Toluene</th><th>Ethylbenzene</th><th>,</th><th>-</th><th></th><th></th></t<>	-		Benzene	Toluene	Ethylbenzene	,	-			
MW-1 MW-1 Not Sampled Due to PSH" 09/07/22 0.0234 <0.000475 0.00134 0.000620 0.00194 0.0258 02/10/23 0.180 0.0176 0.0778 0.136 0.0442 0.180 0.466 03/12/23 0.173 0.0164 0.0521 0.108 0.0442 0.180 0.398 09/22/23 0.165 0.0104 0.174 0.140 0.0442 0.180 0.534 12/06/23 0.00274 <0.000412 0.00057 - 0.000642 <0.000642 <0.000642 <0.000752.1 09/07/22 <0.000408 <0.000367 <0.000657 <0.000642 <0.000642 <0.000752.1 <0.000657 <0.000642 <0.000642 <0.000752.1 <0.00010 <0.01100 <0.01100 <0.01100 <0.01100 <0.00104 <0.000062 <0.000642 <0.000642 <0.0000642 <0.0000612 <0.000100 <0.0100 <0.01100 <0.01100 <0.01100 <0.01100 <0.01100 <0.01100 <0.00100 <0.00200 <0.00100 <th>NMOCD RRA</th> <th>L CRITERIA³</th> <th>0.01</th> <th>0.75</th> <th>0.75</th> <th>тот</th> <th>AL XYLENES</th> <th>S 0.62</th> <th>NE⁴</th>	NMOCD RRA	L CRITERIA ³	0.01	0.75	0.75	тот	AL XYLENES	S 0.62	NE ⁴	
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MW-1 02/10/23 0.190 0.0176 0.0778 0.138 0.0442 0.180 0.456 08/31/23 0.173 0.0164 0.0521 0.108 0.0442 0.136 0.398 08/22/23		06/14/22				•				
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06/14/22 <0.000408		DUP-1	0.00538	<0.000412	0.00609	-	-	0.00484	0.0115	
06/14/22 <0.000408		02/14/02	-0.000400	.0.000207	-0.000057	.0.000000	-0.000640	-0.000640	-0.000657	
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MW-2 02/09/23 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>										
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06/14/22 <0.000408 0.000673 <0.000657 <0.000629 <0.000642 <0.000642 0.000643 09/07/22 <0.000533		03/14/22	<0.000408	<0 000367	<0.000657	<0.000629	<0.000642	<0.000642	<0.000657	
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06/14/22 0.622 0.00171 0.0577 0.0373 0.00162 0.0389 0.72 09/07/22 0.00177 <0.000475		12/05/23	<0.000190	<0.000412	<0.000160	-	-	<0.000510	<0.000510	
06/14/22 0.622 0.00171 0.0577 0.0373 0.00162 0.0389 0.72 09/07/22 0.00177 <0.000475										
MW-5 09/07/22 0.00177 <0.000475 <0.000411 <0.00124 <0.000551 <0.00124 0.00177 02/09/23 0.00509 <0.0100										
02/09/23 0.00509 <0.00100 0.00168 <0.0100 <0.0100 0.00677 03/31/23 0.0588 <0.00100										
NWV-5 03/31/23 0.0588 <0.00100 0.00654 <0.00200 <0.00100 <0.00200 0.00200 0.00654 06/22/23 0.00760 0.00110 <0.00100										
03/31/23 0.0588 <0.00100 0.00654 <0.00200 <0.00200 0.00200 0.00654 06/22/23 0.00760 0.00110 <0.00100	MW-5									
09/18/23 <0.00100 <0.00100 <0.00100 <0.00200 <0.00100 <0.00200 <0.00200 <0.00200										
12/05/23 0.00627 <0.000412 0.00145 <0.000510 0.00772						<0.00200	<0.00100			
		12/05/23	0.00627	<0.000412	0.00145	-	-	<0.000510	0.00772	

Notes:

1. BTEX: Benzene, Toluene, Ethylbenzene, and Total Xylenes

2. NMOCD: New Mexico Oil Conservation Division

3. RRAL Criteria: Recommended Remediation Action Level Criteria

4. NE: Not Established

5. PSH: Phase-Separated Hydrocarbons

J: The target analyte was positively identified below the quantitation limit and above the detection limit

Bold text indicates a concentration exceeding the NMOCD RRAL Criteria

Table 2 Groundwater BTEX¹ Concentration Analytical Summary

DCP Plant to Lea Station 6-Inch #2 Lea County, New Mexico Plains SRS #: 2009-039 Etech Project #: 17472 NMOCD² Incident ID#: nAPP2109730917

All concentrations are in milligrams per liter (mg/l)

		EPA SW846-8021B									
Monitoring Well	Date Sampled	Benzene	Toluene	Ethylbenzene	M,P- Xylenes	O- Xylenes	Total Xylenes	Total BTEX			
NMOCD RRA	L CRITERIA ³	0.01	0.75	0.75	тот	AL XYLENES	S 0.62	NE ⁴			
	03/14/22	< 0.000408	0.000511 J	<0.000657	< 0.000629	< 0.000642	< 0.000642	<0.000657			
	06/14/22	0.000537	0.000706	<0.000657	< 0.000629	<0.000642	< 0.000642	0.00124			
	09/07/22	< 0.000533	< 0.000475	<0.000411	<0.00124	<0.000551	<0.00124	<0.00124			
MW-6	02/17/23	<0.000408	< 0.000367	<0.000657	0.000712J	<0.000642	0.000712J	0.000712J			
10100-0	03/31/23	<0.00100	< 0.00100	<0.00100	< 0.00200	<0.00100	<0.00200	<0.00200			
	06/22/23	<0.00100	< 0.00100	<0.00100	< 0.00200	<0.00100	< 0.00300	< 0.00300			
	09/18/23	<0.00100	< 0.00100	<0.00100	< 0.00200	<0.00100	<0.00200	<0.00200			
	12/05/23	< 0.000190	< 0.000412	<0.000160	-	-	<0.000510	<0.000510			
	03/14/22	<0.000408	0.000674 J	<0.000657	< 0.000629	< 0.000642	< 0.000642	0.000674J			
	06/14/22	<0.000408	0.000403	<0.000657	<0.000629	<0.000642	<0.000642	<0.000657			
	09/07/22	< 0.000533	< 0.000475	<0.000411	< 0.00124	<0.000551	< 0.00124	<0.00124			
MW-7	02/09/23	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.0100	<0.00124			
10100-7	03/31/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200			
	06/22/23	<0.00100	< 0.00100	<0.00100	< 0.00200	<0.00100	< 0.00300	< 0.00300			
	09/18/23	<0.00100	< 0.00100	<0.00100	< 0.00200	<0.00100	<0.00200	<0.00200			
	12/05/23	<0.000190	< 0.000412	<0.000160	-	-	<0.000510	<0.000510			
	03/14/22	< 0.000408	0.000393 J	<0.000657	<0.000629	<0.000642	<0.000642	<0.000657			
	06/14/22	< 0.000408	< 0.000367	<0.000657	< 0.000629	<0.000642	< 0.000642	<0.000657			
	09/07/22	< 0.000533	< 0.000475	<0.000411	< 0.00124	<0.000551	<0.00124	<0.00124			
MW-8	02/09/23	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.0100	<0.00124			
10100-0	03/31/23	<0.00100	< 0.00100	<0.00100	< 0.00200	<0.00100	<0.00200	<0.00200			
	06/22/23	<0.00100	<0.00100	<0.00100	< 0.00200	<0.00100	< 0.00300	< 0.00300			
	09/18/23	<0.00100	< 0.00100	<0.00100	< 0.00200	<0.00100	<0.00200	<0.00200			
	12/05/23	0.00538	< 0.000412	0.00609	-	-	0.00484	0.0163			

Notes:

1. BTEX: Benzene, Toluene, Ethylbenzene, and Total Xylenes

2. NMOCD: New Mexico Oil Conservation Division

3. RRAL Criteria: Recommended Remediation Action Level Criteria

4. NE: Not Established

5. PSH: Phase-Separated Hydrocarbons

J: The target analyte was positively identified below the quantitation limit and above the detection limit

Bold text indicates a concentration exceeding the NMOCD RRAL Criteria

Table 3 SVE¹ Emission Analytical Summary - BTEX² & TPH³

DCP Plant to Lea Station 6-Inch #2 Lea County, New Mexico Plains SRS#: 2009-039 Etech Project #: 17472 NMOCD Incident ID#: nAPP2109730917

Sample I.D.	Sample Date	Laboratory	BTEX / TPH (mg/m³)	Emission Mass ⁴ (tons/year)	Emission Volume (gal/day)
New Mexico Enviro	nment Department (NM	IED) Air Quality Burea	(AQB) Action Level requiring an Air Permit	10	-
			Benzene - 0.574	0.000391	0.00
			Toluene - 38.8	0.0264	0.0200
EFF-1 (03323)	03/03/2023	Eurofins Xenco	Ethylbenzene - 8.34	0.00568	0.00400
EFF-1 (03323)	03/03/2023	Euronns Aerico	Total Xylene - 23.3	0.0159	0.01200
			Total BTEX - 71.0	0.0483	0.0360
			TPH - GRO - 1,370	0.93	0.86
			Benzene - 0.314	0.000214	0.00
	05/15/2023	PBEL	Toluene - 5.75	0.00391	0.00300
			Ethylbenzene - 3.37	0.00229	0.00200
EFF-1 (051523)	05/15/2023		Total Xylene - 10.5	0.00715	0.00500
			Total BTEX - 20.0	0.0136	0.0100
			TPH - GRO - NA	NA	NA
			Benzene - <1.28	0.00	0.00
			Toluene - 193	0.131	0.0988
	06/02/2023	Pace	Ethylbenzene - 40.7	0.0277	0.0208
EFF-1 (060223)	00/02/2023	Pace	Total Xylene - 113	0.0769	0.0578
			Total BTEX - 347	0.236	0.0885
			TPH - GRO - 5,200	3.54	3.27
			Benzene - 0.00	0.00	0.00
			Toluene - 97.6	0.0664	0.0500
	07/28/2023	Pace	Ethylbenzene - 20.6	0.0140	0.0105
EFF-1 (072823)	0112012023	race	Total Xylene - 59.1	0.0402	0.0302
			Total BTEX - 177	0.121	0.0907
			TPH - GRO - 4,170	2.84	2.63

1. SVE: Soil Vapor Extraction

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2. BTEX: Benzene, toluene, ethylbenzene, total xylene analyzed by EPA Method 8021B

3. TPH: Total petroleum hydrocarbons analyzed by EPA Method 8015

4. Emission Mass calculated assuming flowrate 1.1073 (m³/min) and constituent concentration were constant for the entirety of a year.

NA: Indicates constituant was not analyzed

< = Constituent not detected above laboratory sample detection limit (SDL)

Bold denotes concentrations that could potentially be in violation of applicable NMED AQB criteria.

Table 3 SVE¹ Emission Analytical Summary - BTEX² & TPH³

DCP Plant to Lea Station 6-Inch #2 Lea County, New Mexico Plains SRS#: 2009-039 Etech Project #: 17472 NMOCD Incident ID#: nAPP2109730917

Sample I.D.	Sample Date	Laboratory	BTEX / TPH (mg/m³)	Emission Mass ⁴ (tons/year)	Emission Volume (gal/day)
New Mexico Enviro	nment Department (NM	IED) Air Quality Burea	(AQB) Action Level requiring an Air Permit	10	-
			Benzene - 0.574	0.000391	0.00
			Toluene - 38.8	0.026412	0.020
EFF-1 (082523)	08/05/2023	Pace	Ethylbenzene - 8.34	0.005677	0.004
LTT-T (002323)	00/03/2023	Face	Total Xylene - 23.3	0.015861	0.012
			Total BTEX - 71.0	0.048342	0.036
			TPH - GRO - 1,370	0.932604	0.863
			Benzene - <0.00400	0.00	0.00
		PBEL	Toluene - <0.0100	0.00	0.00
EFF-1 (112023)	11/20/2023		Ethylbenzene - <0.0100	0.00	0.00
EIT-1 (112020)			Total Xylene - <0.0200	0.00	0.00
			Total BTEX - <0.0200	0.00	0.00
			TPH - GRO - NA	NA	NA
			Benzene - 0.466	0.000317	0.000239
			Toluene - 64.0	0.0436	0.03280
EFF-1 (122823)	12/28/2023	Pace	Ethylbenzene - 14.7	0.0100	0.00752
LTT-T(122023)	12/20/2020	1 400	Total Xylene - 42.7	0.0291	0.0219
			Total BTEX - 122	0.0830	0.0624
			TPH - GRO - 2,440	1.66	1.54
			2023 TPH Average:	1.98	1.83

1. SVE: Soil Vapor Extraction

Released to Imaging: 7/3/2024 11:38:34 AM

2. BTEX: Benzene, toluene, ethylbenzene, total xylene analyzed by EPA Method 8021B

3. TPH: Total petroleum hydrocarbons analyzed by EPA Method 8015

4. Emission Mass calculated assuming flowrate 1.1073 (m³/min) and constituent concentration were constant for the entirety of a year.

NA: Indicates constituant was not analyzed

< = Constituent not detected above laboratory sample detection limit (SDL)</p>

Bold denotes concentrations that could potentially be in violation of applicable NMED AQB criteria.

TABLE 4 MW-1 SVE¹ System Operation & PSH² Thickness & Recovery Summary

DCP Plant to Lea Station 6-Inch #2 Lea County, New Mexico Plains SRS #: 2009-039 Etech Project #: 17472 NMOCD³ Incident ID#: nAPP2109730917

All elevation measurements are in feet above mean sea level

Monitoring Well	Date	Top of Casing (TOC) ⁴ Elevation*	Depth to PSH Below TOC (feet)	Depth to Water Below TOC (feet)	PSH Thickness (feet)	PID⁵ Reading	Hours of Operation	Total Fluid Recovery (gallons)	PSH Recovered (gallons)																																		
	01/27/2022		81.35	81.35	SHEEN	-	30,583.0	5.00	-																																		
	02/24/2022		81.17	81.17	SHEEN	1,886	31,254.0	5.00	-																																		
	03/28/2022				81.27	81.27	SHEEN	1,397	31,849.0	5.00	-																																
	04/15/2022		81.39	81.39	SHEEN	1,126	32,520.0	5.00	-																																		
	05/19/2022		81.35	81.36	0.01	1,103	33,094.0	5.00	0.00653																																		
	06/14/2022		81.43	81.43	SHEEN	-	-	-	-																																		
	06/29/2022		81.90	81.90	SHEEN	2,168	33,598.0	5.00	-																																		
	08/22/2022		81.91	81.91	SHEEN	-	34,894.0	5.00	-																																		
	09/29/2022		81.74	81.74	SHEEN	2,623.00	35,613.0	5.00	-																																		
	10/20/2022		81.80	81.80	SHEEN	1,766	36,099.0	5.00	-																																		
	11/28/2022		81.90	81.90	SHEEN	1,356	-	5.00	-																																		
	02/08/2023		-	81.48	-	-	-	25.0	-																																		
	03/03/2023		-	-	-	-	-	5.0																																			
MW-1	03/29/2023	3,540.25	-	81.45	-	-	-	25.0	-																																		
	05/15/2023									1															-,	.,											-	81.40	-	-	40,367.0	5.00	-
	05/30/2023		-	81.46	-	-	40,726.3	5.00	-																																		
	06/22/2023		-	81.53	-	-	-	5.00	-																																		
	07/28/2023					-	81.52	-	-	41,545.9	5.00	-																															
	08/03/2023					1	1 -	-						1 -					1		1 -	1 1	1 1														-	81.59	-	-	_	350	-
	08/25/2023		-	81.60	-	-	41,996.6	5.00	-																																		
	09/14/2024		-	-	-	-	-	350	-																																		
	09/18/2023		-	81.52	-	-	-	5.00	-																																		
	09/22/2023		-	-	-	-	-	25.0	-																																		
	09/28/2023		-	-	-	-	-	350	-																																		
	10/09/2023		-	-	-	-	-	25.0	-																																		
	11/20/2023		1 1	-	81.52	-	-	42,155.5	5.00	-																																	
	12/28/2023		-	81.67	-	-	42,891.6	5.00	-																																		
			2023 Average F	SH Thickness	N/A	2023 Tota	al Recovered	1,195	N/A																																		

Notes:

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1. SVE: Soil Vapor Extraction

2. PSH: Phase Separated Hydrocarbons

3. NMOCD: New Mexico Oil Conservation Division

4. TOC: Top Of Casing

5. PID: Photoionization Detector

* Elevations based on the North American Vertical Datum of 1988.

Table 5 MW-5 Gauging & BTEX¹ Impacted Groundwater Recovery Summary

DCP Plant to Lea Station 6-Inch #2 Lea County, New Mexico Plains SRS #: 2009-039 Etech Project #: 17472 NMOCD² Incident ID#: nAPP2109730917

Monitoring Well	Date	Top of Casing (TOC) ³ Elevation	Depth to Water	Corrected Groundwater Elevation	Groundwater Recovered (gallons)
	01/27/2022		-	-	5.00
	02/04/2022	ļ	-	-	5.00
	03/28/2022		-	-	5.00
	04/25/2022		-	-	5.00
	05/19/2022		-	-	5.00
	06/29/2022		-	-	5.00
	08/22/2022		-	-	5.00
	09/29/2022		-	-	0.00
	10/20/2022		-	-	5.00
	11/28/2022		-	-	5.00
	02/08/2023	T T	80.96	3458.59	26.0
	03/03/2023		-	-	5.0
MW-5	03/29/2023	3,539.55	79.93	3,459.62	26.0
	05/16/2023		81.03	3,458.52	5.00
	05/30/2023		81.05	3,458.50	5.00
	06/22/2023		81.08	3,458.47	26.0
	07/28/2023		81.10	3,458.45	5.00
	08/04/2023		81.07	3,458.48	350
	08/25/2023		81.09	3,458.46	5.00
	09/15/2023		-	-	350
	09/18/2023		81.10	3,458.45	26.0
	09/29/2023		-	-	350
	10/09/2024		-	-	26.0
	11/20/2023	I	81.21	3,458.34	5.00
	12/28/2023		81.24	3,458.31	5.00
			202	23 GW ⁴ Recovered	1,215

All elevation measurements are in feet above mean sea level

Notes:

1. BTEX: Benzene, Toluene, Ethylbenzene, Total Xylene

2. NMOCD: New Mexico Oil Conservation Division

3. TOC: Top Of Casing

4. GW: Groundwater

Table 6

Concentrations of PAH¹ in Groundwater Summary

DCP Plant to Lea Station 6-Inch #2 Lea County, New Mexico Plains SRS #: 2009-039 Etech Project #: 17472 NMOCD² Incident ID#: nAPP2109729126

All concentrations are reported in milligrams per liter (r	$n\alpha/l$)

Weil ID Data Sampled B U								All concenti	rations are repo	orted in milligr	ams per liter ('mg/L)							
NMWQCC Standard ³ 0.03 0.0007 MW 12/10/09 N/A -0.100 -0.00184 -0.00184 -0.00184 -0.00184 -0.00184 -0.00184 -0.00181 -0.00184 -0.00181 -0.00184 -0.00181 -0.00184 -0.00181 -0.										E	EPA 8270D								
12/1009 N/A <0.100	Well ID		N/Aphthalene	Benzo(a)pyrene	AceN/Aphthene	AceN/Aphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz (a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)Pyrene	PheN/Anthrene	Pyrene
MW-1 121620 Well Not Sampled Due To PSH MW-2 0210/23 0.00704 -0.000184 -0.000184 -0.000184 -0.000184 -0.000184 0.0000184 0.000184 0.0000184	NMWQC	C Standard ³	0.03	0.0007								NE ⁴							
02/10/23 0.00704 0.000184 0.000184 0.000184 0.000184		12/10/09	N/A	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	N/A	<0.100	<0.100	<0.100	<0.100	<0.100
MV-2 07/01/09 N/A <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.00056 <0.00056 <0.0005 <0.0005 <0.00056 <0.00056 <0.0005 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.00056 <0.0056 <t< td=""><td>MW-1</td><td>12/16/20</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Well Not S</td><td>Sampled Due</td><td>To PSH</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	MW-1	12/16/20								Well Not S	Sampled Due	To PSH							
MW-2 12/16/20 <0.000104 <0.0000803 <0.0000892 <0.0000892 <0.0000759 <0.000121 <0.000112 <0.0000812 NIA <0.0000812 <0.0000812 NIA <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.000081 <0.000081 <0.000081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <0.00081 <th< td=""><td></td><td>02/10/23</td><td>0.00704</td><td>< 0.000184</td><td>0.000239</td><td>< 0.000184</td><td>< 0.000184</td><td>0.000336</td><td>< 0.000184</td><td>< 0.000184</td><td>< 0.000184</td><td>< 0.000184</td><td>< 0.000184</td><td>N/A</td><td>< 0.000184</td><td>0.000979</td><td>< 0.000184</td><td>0.000605</td><td>0.000243</td></th<>		02/10/23	0.00704	< 0.000184	0.000239	< 0.000184	< 0.000184	0.000336	< 0.000184	< 0.000184	< 0.000184	< 0.000184	< 0.000184	N/A	< 0.000184	0.000979	< 0.000184	0.000605	0.000243
MW-2 12/16/20 <0.000104 <0.000089 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.0000892 <0.000082 <0.000113 <0.000112 <0.000112 <0.000112 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.0000812 <0.000116 <0.0000812 <0.000116 <0.000081 <0.00081 <0.000116 <0.00051 <0.00051 <0.00051 <0.00051 <0.00051 <0.00051 <0.00051 <0.00051 <0.000117 <0.000111 <0.000110 <0.0000821 <0.0000821 <0.000111 <0.0000821 <0.000111 <0.0000111 <0.0000111 <0.0000111 <0.0000112 <0.000112 <0.000112 <0.000112 <0.000012 <0.000112 <t< td=""><td></td><td></td><td>•</td><td>•</td><td></td><td>•</td><td>•</td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>			•	•		•	•		•										
03/14/22 0.000668 0.0000691 0.00005 0.00005 0.00005 0.00051 0.00051 0.00051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 0.000051 <th<< td=""><td></td><td>07/01/09</td><td>N/A</td><td>< 0.005</td><td>< 0.005</td><td>< 0.005</td><td>< 0.005</td><td><0.005</td><td>< 0.005</td><td>< 0.005</td><td>< 0.005</td><td>< 0.005</td><td>< 0.005</td><td>N/A</td><td>< 0.005</td><td>< 0.005</td><td>< 0.005</td><td><0.005</td><td><0.005</td></th<<>		07/01/09	N/A	< 0.005	< 0.005	< 0.005	< 0.005	<0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	N/A	< 0.005	< 0.005	< 0.005	<0.005	<0.005
03/14/22 < < < < < < < < < < < < < < < < </td <td>MW-2</td> <td>12/16/20</td> <td>< 0.000104</td> <td>< 0.0000609</td> <td>< 0.000107</td> <td>< 0.0000899</td> <td>< 0.0000925</td> <td>< 0.000144</td> <td>< 0.0000759</td> <td>< 0.000121</td> <td>< 0.000124</td> <td>< 0.000167</td> <td><0.0000812</td> <td>N/A</td> <td>< 0.000168</td> <td>< 0.000108</td> <td><0.0000975</td> <td><0.0000908</td> <td>< 0.000139</td>	MW-2	12/16/20	< 0.000104	< 0.0000609	< 0.000107	< 0.0000899	< 0.0000925	< 0.000144	< 0.0000759	< 0.000121	< 0.000124	< 0.000167	<0.0000812	N/A	< 0.000168	< 0.000108	<0.0000975	<0.0000908	< 0.000139
MW-3 O701/09 N/A <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.0005 <0.0005 <0.0005 <0.0005 <0.0005 <0.0005 <0.0005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.0														<0.0000991					< 0.000129
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03/14/22 < < <																			< 0.000142
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Harm 12/16/11 N/A < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 < 0.0005 <td></td> <td>07/01/00</td> <td>N/A</td> <td><0.005</td> <td>N/A</td> <td><0.005</td> <td><0.005</td> <td><0.005</td> <td><0.005</td> <td><0.005</td>		07/01/00	N/A	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	N/A	<0.005	<0.005	<0.005	<0.005	<0.005
MW-4 11/09/12 <0.00032 <0.00037 <0.00034 <0.00016 <0.00025 <0.00038 <0.00023 <0.00023 <0.00020 N/A <0.00025 <0.00031 <0.00034 <0.00034 <0.00025 <0.000175 <0.000175 <0.000175 <0.000172 <0.000172 <0.000049 <0.000049 <0.000049 <0.000049 <0.0000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000175 <0.000055 <0.00055 <0.00055 <t< td=""><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td><0.005</td></t<>														-					<0.005
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MW-5 12/23/13 0.000535 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <0.00049 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>< 0.005</td></th<>																			< 0.005
MW-5 05/08/14 N/A 0.000050																			<0.00028
12/16/20 0.0000986 0.000057 0.000084 0.000085 0.000071 N/A 0.000102 0.0000983 0.0000983 0.0000983 0.0000983 0.0000983 0.0000983 0.000102 0.0000983 </td <td>MW-5</td> <td></td> <td><0.000049</td>	MW-5																		<0.000049
03/14/22 0.0000993 0.0000884 0.000084 0.000057 0.000057 0.000112 0.000115 0.000155 0.000093 0.000156 0.000094 0.0000964 0.0001964 0.0000198 0.0001914 0.000009																			<0.000050
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MW-6 12/16/20 <0.000119 <0.0000898 <0.000122 <0.000103 <0.000164 <0.000164 <0.0000898 <0.000138 <0.000132 <0.000191 <0.000099 N/A <0.000192 <0.000123 <0.000112 <0.000101		03/14/22	<0.0000993	<0.0000836	<0.0000894	< 0.000133	<0.0000567	<0.0000695	< 0.000112	<0.000115	<0.000155	<0.0000755	<0.0000993	<0.000156	<0.000100	< 0.0000906	<0.0000965	<0.0000844	<0.000129
MW-6 12/16/20 <0.000119 <0.0000898 <0.000122 <0.000103 <0.000164 <0.000164 <0.0000898 <0.000138 <0.000132 <0.000191 <0.000099 N/A <0.000192 <0.000123 <0.000112 <0.000101					1	1		1		1	1	-				1			
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		03/14/22	<0.0000995	<0.0000837	<0.0000895	<0.000133	<0.0000568	< 0.0000696	<0.000112	<0.000115	<0.000155	< 0.0000756	<0.0000995	<0.000156	<0.000100	<0.0000908	<0.0000967	<0.0000845	< 0.000129
											T	•		-	T			-	
05/08/14 N/A <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.000050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050 <0.00050		05/08/14				<0.000050								-			<0.000050		<0.000050
MW-7 12/16/20 <0.000110 <0.0000644 <0.000113 <0.0000951 <0.0000978 <0.000152 <0.0000803 <0.000128 <0.000128 <0.000178 <0.000176 <0.0000786 N/A <0.000177 <0.000114 <0.000103 <0.0000960	MW-7	12/16/20																	<0.000147
03/14/22 <0.0000996 <0.0000399 <0.0000897 <0.000134 <0.0000599 <0.000097 <0.000097 <0.000113 <0.000116 <0.000115 <0.000155 <0.000077 <0.0000996 <0.000166 <0.000101 <0.0000910 <0.0009088 <0.0000847		03/14/22	< 0.0000996	< 0.0000839	< 0.0000897	< 0.000134	< 0.0000569	< 0.0000697	< 0.000113	< 0.000116	< 0.000155	< 0.0000757	< 0.0000996	< 0.000156	< 0.000101	< 0.0000910	< 0.0000968	< 0.0000847	< 0.000130
MW-8 12/16/20 <0.0000666 <0.000110 <0.000113 <0.0000954 <0.0000981 <0.000152 <0.0000856 <0.000128 <0.000128 <0.000132 <0.000177 <0.0000861 N/A <0.000178 <0.000178 <0.000114 <0.000103 <0.0000963	M/M 0	12/16/20	<0.0000646	< 0.000110	< 0.000113	<0.0000954	<0.0000981	< 0.000152	<0.0000805	< 0.000128	< 0.000132	< 0.000177	<0.0000861	N/A	<0.000178	< 0.000114	< 0.000103	< 0.0000963	< 0.000148
NW-9 03/14/22 <0.000100 <0.0000842 <0.0000900 <0.000134 <0.0000571 <0.0000700 <0.000113 <0.000116 <0.000116 <0.000160 <0.000100 <0.000107 <0.000101 <0.0000913 <0.0000972 <0.0000850	11111-0	03/14/22	< 0.000100	<0.0000842	<0.0000900	<0.000134	<0.0000571	<0.0000700	< 0.000113	< 0.000116	< 0.000156	<0.0000760	< 0.000100	<0.000157	< 0.000101	< 0.0000913	<0.0000972	<0.000850	< 0.000130

Released to Imaging: 7/3/2024 11:38:34 AM

Notes: 1. PAH: Polycyclic Aromatic Hydrocarbons 2. NMOCD: New Mexico Oil Conservation Division 3. NMWQCC: New Mexico Water Quality Control Commission

4. NE: Not Established

3. The target aN/Alyte was positively identified below the quantitation limit and above the detection limit Bold text indicates a concentration exceeding NMWQCC Drinking Water Standards

Appendix A Laboratory Analytical Reports (Groundwater)

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



Analytical Report

Prepared for:

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

Project: Plains-DCP Plant to Lea Station (DCP #2) Project Number: 17472 Location: Lea County, NM

Lab Order Number: 3D03012



Current Certification

Report Date: 04/17/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	3D03012-01	Water	03/31/23 12:00	04-03-2023 14:40
MW-1	3D03012-02	Water	03/31/23 12:10	04-03-2023 14:40
MW-3	3D03012-03	Water	03/31/23 11:10	04-03-2023 14:40
MW-2	3D03012-04	Water	03/31/23 11:00	04-03-2023 14:40
MW-6	3D03012-05	Water	03/31/23 11:22	04-03-2023 14:40
MW-7	3D03012-06	Water	03/31/23 11:30	04-03-2023 14:40
MW-8	3D03012-07	Water	03/31/23 11:40	04-03-2023 14:40
MW-4	3D03012-08	Water	03/31/23 11:50	04-03-2023 14:40

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number: 17472
Odessa TX, 79765	Project Manager: Joel Lowry

MW-5

3D03012-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
Permian Basin Environmental Lab, L.P.											
Organics by GC											
Benzene	0.0588	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:06	EPA 8021B			
Toluene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:06	EPA 8021B			
Ethylbenzene	0.00654	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:06	EPA 8021B			
Xylene (p/m)	ND	0.00200	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:06	EPA 8021B			
Xylene (o)	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:06	EPA 8021B			
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P3D0606	04/06/23 11:35	04/07/23 09:06	EPA 8021B			
Surrogate: 1,4-Difluorobenzene		96.6 %	80-120		P3D0606	04/06/23 11:35	04/07/23 09:06	EPA 8021B			

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, In 13000 West County Road 100 Odessa TX, 79765	c. [1]			t Number:		Plant to Lea Station (D	CP #2)			
					W-1					
3D03012-02 (Water)										
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
		P	ermian B	asin Envi	ironmental l	Lab, L.P.				
Organics by GC										
Benzene	0.173	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:28	EPA 8021B		
Toluene	0.0164	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:28	EPA 8021B		
Ethylbenzene	0.0521	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:28	EPA 8021B		
Xylene (p/m)	0.108	0.00200	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:28	EPA 8021B		
Xylene (o)	0.0482	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:28	EPA 8021B		
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P3D0606	04/06/23 11:35	04/07/23 09:28	EPA 8021B		
Surrogate: 1,4-Difluorobenzene		94.1 %	80-120		P3D0606	04/06/23 11:35	04/07/23 09:28	EPA 8021B		

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 Soluti 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:		Plant to Lea Station (D	CP #2)		
				MV	N-3				
			3	5D03012-(03 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 09:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P3D0606	04/06/23 11:35	04/07/23 09:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.9 %	80-120		P3D0606	04/06/23 11:35	04/07/23 09:49	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:		Plant to Lea Station (D	CP #2)		
				MV	N-2				
			3	D03012-0	04 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	.ab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:10	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:10	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:10	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P3D0606	04/06/23 11:35	04/07/23 10:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.6 %	80-120		P3D0606	04/06/23 11:35	04/07/23 10:10	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Soluti 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:		Plant to Lea Station (D	CP #2)		
				MV	V-6				
			3	D03012-(05 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3D0606	04/06/23 11:35	04/07/23 10:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P3D0606	04/06/23 11:35	04/07/23 10:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.6 %	80-120		P3D0606	04/06/23 11:35	04/07/23 10:31	EPA 8021B	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	s, Inc. [1]			t Number:		Plant to Lea Station (D	CP #2)		
				MV	W-7				
			3	3D03012-0	06 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ironmental I	.ab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 14:47	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 14:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 14:47	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 14:47	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 14:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		119 %	80-120		P3D1103	04/11/23 11:31	04/11/23 14:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		85.2 %	80-120		P3D1103	04/11/23 11:31	04/11/23 14:47	EPA 8021B	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions 13000 West County Road 100 Odessa TX, 79765	s, Inc. [1]		5	t Number:		Plant to Lea Station (D	CP #2)		
			2		V-8				
			3	D03012-0	07 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental	Lab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		120 %	80-120		P3D1103	04/11/23 11:31	04/11/23 15:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		85.8 %	80-120		P3D1103	04/11/23 11:31	04/11/23 15:07	EPA 8021B	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	s, Inc. [1]			t Number:		Plant to Lea Station (D	CP #2)		
				MV	<i>N</i> -4				
			3	3D03012-0	08 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	.ab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3D1103	04/11/23 11:31	04/11/23 15:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P3D1103	04/11/23 11:31	04/11/23 15:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		87.2 %	80-120		P3D1103	04/11/23 11:31	04/11/23 15:28	EPA 8021B	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P3D0606 - *** DEFAULT PREP ***										
Blank (P3D0606-BLK1)				Prepared: (04/06/23 An	alyzed: 04	/07/23			
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	80-120			
LCS (P3D0606-BS1)				Prepared: 0	04/06/23 An	alyzed: 04	/07/23			
Benzene	0.0980	0.00100	mg/L	0.100		98.0	80-120			
Toluene	0.0975	0.00100	"	0.100		97.5	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0910	0.00100	"	0.100		91.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			
LCS Dup (P3D0606-BSD1)				Prepared: (04/06/23 An	alyzed: 04	/07/23			
Benzene	0.0974	0.00100	mg/L	0.100		97.4	80-120	0.645	20	
Toluene	0.0972	0.00100	"	0.100		97.2	80-120	0.308	20	
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120	0.500	20	
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120	0.0248	20	
Xylene (o)	0.0912	0.00100	"	0.100		91.2	80-120	0.165	20	
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			
Calibration Blank (P3D0606-CCB1)				Prepared: 0	04/06/23 An	alyzed: 04	/07/23			
Benzene	0.120		ug/l							
Toluene	0.240									
Ethylbenzene	0.500		"							
Xylene (p/m)	1.00		"							
Xylene (o)	0.520									
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Plains-DCP Plant to Lea Station (De	CP #2)
13000 West County Road 100	Project Number: 17472	
Odessa TX, 79765	Project Manager: Joel Lowry	

Permian	Basin	Environmental	Lab,	L.P.
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A	D14	Reporting	11	Spike	Source	0/DEC	%REC	DDD	RPD	Net
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P3D0606 - *** DEFAULT PREP ***										
Calibration Blank (P3D0606-CCB2)				Prepared: (04/06/23 Ai	nalyzed: 04	/07/23			
Benzene	0.150		ug/l							
Toluene	0.200		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.670		"							
Xylene (o)	0.410		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.3	80-120			
Calibration Check (P3D0606-CCV1)				Prepared: (04/06/23 Ai	nalyzed: 04	/07/23			
Benzene	0.106	0.00100	mg/L				80-120			
Toluene	0.105	0.00100	"				80-120			
Ethylbenzene	0.101	0.00100	"				80-120			
Xylene (p/m)	0.214	0.00200	"				80-120			
Xylene (o)	0.0994	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			
Calibration Check (P3D0606-CCV2)				Prepared: (04/06/23 At	nalyzed: 04	/07/23			
Benzene	0.112	0.00100	mg/L				80-120			
Toluene	0.112	0.00100	"				80-120			
Ethylbenzene	0.108	0.00100	"				80-120			
Xylene (p/m)	0.226	0.00200	"				80-120			
Xylene (o)	0.104	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			
Calibration Check (P3D0606-CCV3)				Prepared: (04/06/23 At	nalyzed: 04	/07/23			
Benzene	0.0994	0.00100	mg/L				80-120			
Toluene	0.0977	0.00100	"				80-120			
Ethylbenzene	0.0941	0.00100	"				80-120			
Xylene (p/m)	0.199	0.00200	"				80-120			
Xylene (o)	0.0914	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Permian Basin Environmental Lab, L.P.

1						·	·	<u></u>	·	<u> </u>	-
			Reporting		Spike	Source		%REC		RPD	
	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch P3D0606 - *** DEFAULT PREP ***

Matrix Spike (P3D0606-MS1)	Sour	ce: 3D03010-	-03	Prepared: 0	4/06/23 A	nalyzed: 04	4/07/23			
Benzene	0.0960	0.00100	mg/L	0.100	ND	96.0	80-120			
Toluene	0.0928	0.00100	"	0.100	ND	92.8	80-120			
Ethylbenzene	0.0921	0.00100	"	0.100	ND	92.1	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200	ND	89.5	80-120			
Xylene (o)	0.0808	0.00100	"	0.100	ND	80.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	80-120			
Matrix Spike Dup (P3D0606-MSD1)	Sour	ce: 3D03010-	03	Prepared: 0	Prepared: 04/06/23 Analyzed: 04/07/23					
Benzene	0.0942	0.00100	mg/L	0.100	ND	94.2	80-120	1.88	20	
Toluene	0.0911	0.00100	"	0.100	ND	91.1	80-120	1.85	20	
Ethylbenzene	0.0929	0.00100	"	0.100	ND	92.9	80-120	0.800	20	
Xylene (p/m)	0.181	0.00200	"	0.200	ND	90.6	80-120	1.23	20	
Xylene (o)	0.0826	0.00100	"	0.100	ND	82.6	80-120	2.19	20	
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Batch P3D1103 - *** DEFAULT PREP ***

Blank (P3D1103-BLK1)				Prepared & Analyzed: 04/11/23					
Benzene	ND	0.00100	mg/L						
Toluene	ND	0.00100	"						
Ethylbenzene	ND	0.00100	"						
Xylene (p/m)	ND	0.00200	"						
Xylene (o)	ND	0.00100							
Surrogate: 4-Bromofluorobenzene	0.145		"	0.120	121	80-120	S-GC		
Surrogate: 1,4-Difluorobenzene	0.102		"	0.120	85.3	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

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 P3D1103 - *** DEFAULT PREP ***										
LCS (P3D1103-BS1)				Prepared &	Analyzed:	04/11/23				
Benzene	0.0990	0.00100	mg/L	0.100		99.0	80-120			
Toluene	0.0997	0.00100	"	0.100		99.7	80-120			
Ethylbenzene	0.0986	0.00100	"	0.100		98.6	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0926	0.00100	"	0.100		92.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.152		"	0.120		127	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		86.2	80-120			
LCS Dup (P3D1103-BSD1)				Prepared &	Analyzed:	04/11/23				
Benzene	0.0928	0.00100	mg/L	0.100	•	92.8	80-120	6.38	20	
Toluene	0.0926	0.00100	"	0.100		92.6	80-120	7.31	20	
Ethylbenzene	0.0904	0.00100	"	0.100		90.4	80-120	8.65	20	
Xylene (p/m)	0.188	0.00200	"	0.200		94.2	80-120	7.37	20	
Xylene (o)	0.0853	0.00100	"	0.100		85.3	80-120	8.22	20	
Surrogate: 4-Bromofluorobenzene	0.157		"	0.120		131	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.3	80-120			
Calibration Blank (P3D1103-CCB1)				Prepared &	Analyzed:	04/11/23				
Benzene	0.100		ug/l	*	•					
Toluene	0.170		"							
Ethylbenzene	0.400		"							
Xylene (p/m)	0.630		"							
Xylene (o)	0.310		"							
Surrogate: 4-Bromofluorobenzene	0.145		"	0.120		121	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.8	80-120			
Calibration Blank (P3D1103-CCB2)				Prepared &	Analyzed:	04/11/23				
Benzene	0.110		ug/l							
Toluene	0.0900		"							
Ethylbenzene	0.320		"							
Xylene (p/m)	0.490		"							
Xylene (o)	0.390		"							
Surrogate: 4-Bromofluorobenzene	0.144		"	0.120		120	80-120			
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.3	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P3D1103 - *** DEFAULT PREP ***										
Calibration Check (P3D1103-CCV1)				Prepared &	Analyzed:	04/11/23				
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.111	0.00100		0.100		111	80-120			
Ethylbenzene	0.103	0.00100		0.100		103	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	0.147		"	0.120		123	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.7	80-120			
Calibration Check (P3D1103-CCV2)				Prepared &	Analyzed:	04/11/23				
Benzene	0.0973	0.00100	mg/L	0.100		97.3	80-120			
Toluene	0.0942	0.00100		0.100		94.2	80-120			
Ethylbenzene	0.0865	0.00100		0.100		86.5	80-120			
Xylene (p/m)	0.190	0.00200		0.200		94.8	80-120			
Xylene (o)	0.0900	0.00100		0.100		90.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.148		"	0.120		123	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	80-120			
Calibration Check (P3D1103-CCV3)				Prepared &	Analyzed:	04/11/23				
Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.108	0.00100		0.100		108	80-120			
Ethylbenzene	0.0987	0.00100		0.100		98.7	80-120			
Xylene (p/m)	0.219	0.00200		0.200		110	80-120			
Xylene (o)	0.103	0.00100		0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.154		"	0.120		129	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		86.2	80-120			
Matrix Spike (P3D1103-MS1)	Sou	rce: 3D03012-	06	Prepared &	Analyzed:	04/11/23				
Benzene	0.117	0.00100	mg/L	0.100	ND	117	80-120			
Toluene	0.115	0.00100		0.100	ND	115	80-120			
Ethylbenzene	0.111	0.00100		0.100	ND	111	80-120			
Xylene (p/m)	0.232	0.00200		0.200	ND	116	80-120			
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120			
Surrogate: 4-Bromofluorobenzene	0.161		"	0.120		134	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Permian Basin Environmental Lab, L.P.

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

Batch P3D1103 - *** DEFAULT PREP ***

Matrix Spike Dup (P3D1103-MSD1)	Sour	Source: 3D03012-06			Prepared & Analyzed: 04/11/23					
Benzene	0.105	0.00100	mg/L	0.100	ND	105	80-120	10.7	20	
Toluene	0.0993	0.00100	"	0.100	ND	99.3	80-120	14.6	20	
Ethylbenzene	0.0965	0.00100	"	0.100	ND	96.5	80-120	14.2	20	
Xylene (p/m)	0.202	0.00200	"	0.200	ND	101	80-120	13.5	20	
Xylene (o)	0.0925	0.00100	"	0.100	ND	92.5	80-120	14.9	20	
Surrogate: 4-Bromofluorobenzene	0.156		"	0.120		130	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.2	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL CO	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bun Barron

4/17/2023

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.

Date:

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AB # (lab use only)			Beginning Depth	g Depth	Sampled	Time Sampled	tered	Total #. of Containers		HNO _{3 250,ml Poly}			03	None 1L Poly JaOH/ZnAc	J Water	GW = Groundwater S≕Soll/Solid NP=Non-Potable Specify Other	TX 1005 8015B		y 8021B									8 72	
AB #	FI	ELD CODE	egin	Ending	Date	Time	Field Filtered	otal #.	e	NH NO3	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None 1L F	DV=Dri	SW = G	TPH by	Chloride	BTEX by									Rus	543
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PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

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

> Project: DCP #2 Project Number: 17472 Location: RURAL LEA COUNTY, NM

> > Lab Order Number: 3F29015



Current Certification

Report Date: 07/24/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1	3F29015-01	Water	06/22/23 13:30	06-29-2023 13:09
MW2	3F29015-02	Water	06/22/23 10:35	06-29-2023 13:09
MW3	3F29015-03	Water	06/22/23 10:50	06-29-2023 13:09
MW4	3F29015-04	Water	06/22/23 12:15	06-29-2023 13:09
MW5	3F29015-05	Water	06/22/23 11:35	06-29-2023 13:09
MW6	3F29015-06	Water	06/22/23 08:50	06-29-2023 13:09
MW7	3F29015-07	Water	06/22/23 09:30	06-29-2023 13:09
MW8	3F29015-08	Water	06/22/23 10:05	06-29-2023 13:09

Due to a catastropic failure of our BTEX autosampler BTEX analysis were subcontracted to ALS Global in Holland, Michigan. Their report is attached after the Chain of Custody.

Please note BTEX results are reported in ug/L (PPB) rather that mg/L (PPM).

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

MW1

3F29015-01	(Water)	
	·	

Analyte	F Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental L	.ab, L.P.			
Organics by GC									
C6-C12	3.39	3.00	mg/L	1	P3G0318	07/03/23 14:44	07/06/23 02:57	TPH 8015M	
>C12-C28	ND	3.00	mg/L	1	P3G0318	07/03/23 14:44	07/06/23 02:57	TPH 8015M	
>C28-C35	ND	3.00	mg/L	1	P3G0318	07/03/23 14:44	07/06/23 02:57	TPH 8015M	
Surrogate: 1-Chlorooctane	9	1.7 %	70-130		P3G0318	07/03/23 14:44	07/06/23 02:57	TPH 8015M	
Surrogate: o-Terphenyl	9	8.2 %	70-130		P3G0318	07/03/23 14:44	07/06/23 02:57	TPH 8015M	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
Total Petroleum Hydrocarbon C6-C35	3.39	3.00	mg/kg	1	[CALC]	07/03/23 14:44	07/06/23 02:57	calc	

Toluene

Xylenes (total)

O-04, SUB-17

O-04, SUB-17

E Tech Environmental & Safety So	lutions, Inc. [1]				DCP #2										
13000 West County Road 100			Projec	et Number:	17472										
Odessa TX, 79765			Project	t Manager:	Joel Lowry										
	MW2														
			í	3F29015-(02 (Water)										
	I	Reporting													
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes						
		Р	ermian B	Basin Envi	ronmental L	ab, L.P.									
Volatile Organic Compounds by	y EPA Method 82	260B													
Benzene	ND	1.00	ug/l	1	P3G2408	07/15/23 01:18	07/15/23 01:18	EPA 8260B	O-04, SUB-17						
Ethylbenzene	ND	1.00	ug/l	1	P3G2408	07/15/23 01:18	07/15/23 01:18	EPA 8260B	O-04, SUB-17						
m,p-Xylene	ND	2.00	ug/l	1	P3G2408	07/15/23 01:18	07/15/23 01:18	EPA 8260B	O-04, SUB-17						
o-Xylene	ND	1.00	ug/l	1	P3G2408	07/15/23 01:18	07/15/23 01:18	EPA 8260B	O-04, SUB-17						

ug/l

ug/l

ND

ND

1.00

3.00

1

1

P3G2408

P3G2408

07/15/23 01:18

07/15/23 01:18

07/15/23 01:18

07/15/23 01:18

EPA 8260B

EPA 8260B

Permian Basin Environmental Lab, L.P.

m,p-Xylene

o-Xylene

Toluene

Xylenes (total)

SUB-17

O-04, SUB-17

O-04, SUB-17

O-04, SUB-17

O-04, SUB-17

EPA 8260B

EPA 8260B

EPA 8260B

EPA 8260B

E Tech Environmental & Safety Solutions, Inc 13000 West County Road 100 Odessa TX, 79765	. [1]		5	Project: ct Number: t Manager:					
				MV 3F29015-0					
Reporting									
Analyte		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Me	thod 826		ermian H	Basin Envi	ronmental I	ab, L.P.			
Benzene	ND	1.00	ug/l	1	P3G2408	07/15/01 01:36	07/15/01 01:36	EPA 8260B	O-04, SUB-17
Ethylbenzene	ND	1.00	ug/l	1	P3G2408	07/15/01 01:36	07/15/01 01:36	EPA 8260B	O-04,

P3G2408

P3G2408

P3G2408

P3G2408

07/15/01 01:36

07/15/01 01:36

07/15/01 01:36

07/15/01 01:36

07/15/01 01:36

07/15/01 01:36

07/15/01 01:36

07/15/01 01:36

ug/l

ug/l

ug/l

ug/l

1

1

1

1

ND

ND

ND

ND

2.00

1.00

1.00

3.00

Permian Basin Environmental Lab, L.P.

Xylenes (total)

ND

3.00

ug/l

1

P3G2408

07/15/23 01:55

07/15/23 01:55

SUB-17

O-04, SUB-17

EPA 8260B

E Tech Environmental & Safety Solutions, E 13000 West County Road 100 Odessa TX, 79765	ne. [1]			Project: ct Number: t Manager:					
				MV 2E20015 0					
				3F29015-0	04 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		Р	ermian E	Basin Envi	ronmental L	ab, L.P.			
olatile Organic Compounds by EPA M	lethod 8	260B							
Benzene	ND	1.00	ug/l	1	P3G2408	07/15/23 01:55	07/15/23 01:55	EPA 8260B	O-04 SUB-1
Ethylbenzene	ND	1.00	ug/l	1	P3G2408	07/15/23 01:55	07/15/23 01:55	EPA 8260B	O-04 SUB-1
m,p-Xylene	ND	2.00	ug/l	1	P3G2408	07/15/23 01:55	07/15/23 01:55	EPA 8260B	O-04 SUB-1
o-Xylene	ND	1.00	ug/l	1	P3G2408	07/15/23 01:55	07/15/23 01:55	EPA 8260B	O-04 SUB-1
Toluene	ND	1.00	ug/l	1	P3G2408	07/15/23 01:55	07/15/23 01:55	EPA 8260B	O-04

Permian Basin Environmental Lab, L.P.

O-04, SUB-17

O-04, SUB-17 O-04,

SUB-17

O-04, SUB-17

O-04, SUB-17

O-04,

SUB-17

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Project Number: Project Manager:					
	MV 3F29015-0	W5 05 (Water)				
Analyte Report Result Lin	0	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Volatile Organic Compounds	by EPA Method 82	60B						
Benzene	7.60	1.00	ug/l	1	P3G2408	07/15/23 02:13	07/15/23 02:13	EPA 8260B
Ethylbenzene	1.10	1.00	ug/l	1	P3G2408	07/15/23 02:13	07/15/23 02:13	EPA 8260B
m,p-Xylene	ND	2.00	ug/l	1	P3G2408	07/15/23 02:13	07/15/23 02:13	EPA 8260B
o-Xylene	ND	1.00	ug/l	1	P3G2408	07/15/23 02:13	07/15/23 02:13	EPA 8260B
Toluene	ND	1.00	ug/l	1	P3G2408	07/15/23 02:13	07/15/23 02:13	EPA 8260B
Xylenes (total)	ND	3.00	ug/l	1	P3G2408	07/15/23 02:13	07/15/23 02:13	EPA 8260B

Permian Basin Environmental Lab, L.P.

SUB-17

O-04, SUB-17

O-04, SUB-17

E Tech Environmental & Safety Solutions, Ir 13000 West County Road 100 Odessa TX, 79765	nc. [1]			et Number:	DCP #2 17472 Joel Lowry				
					W6				
				3F29015-(06 (Water)				
Analyte	l Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian H	Basin Envi	ronmental I	Lab, L.P.			
Volatile Organic Compounds by EPA M	ethod 8	260B							
Benzene	ND	1.00	ug/l	1	P3G2408	07/15/23 02:31	07/15/23 02:31	EPA 8260B	O-04, SUB-17
Ethylbenzene	ND	1.00	ug/l	1	P3G2408	07/15/23 02:31	07/15/23 02:31	EPA 8260B	O-04, SUB-17
m,p-Xylene	ND	2.00	ug/l	1	P3G2408	07/15/23 02:31	07/15/23 02:31	EPA 8260B	O-04, SUB-17
o-Xylene	ND	1.00	ug/l	1	P3G2408	07/15/23 02:31	07/15/23 02:31	EPA 8260B	O-04,

ug/l 1 P3G2408 07/15/23 02:31 07/15/23 02:31 EPA 8260B Toluene ND 1.00 Xylenes (total) ND 3.00 ug/l 1 P3G2408 07/15/23 02:31 07/15/23 02:31 EPA 8260B

Permian Basin Environmental Lab, L.P.

o-Xylene

Toluene

Xylenes (total)

SUB-17

O-04, SUB-17

O-04, SUB-17

O-04, SUB-17

EPA 8260B

EPA 8260B

EPA 8260B

E Tech Environmental & Safety Solutions, Inc.	. [1]			Project:	DCP #2				
13000 West County Road 100			Projec	t Number:	17472				
Odessa TX, 79765			Project	Manager:	Joel Lowry				
				M	W7				
			3	3F29015-0	7 (Water)				
Analyte F	-	orting mit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Per	rmian B	asin Envi	ronmental I	.ab, L.P.			
Volatile Organic Compounds by EPA Met	thod 8260	В							
Benzene	ND	1.00	ug/l	1	P3G2408	07/15/23 02:50	07/15/23 02:50	EPA 8260B	O-04
									SUB-1
Ethylbenzene	ND	1.00	ug/l	1	P3G2408	07/15/23 02:50	07/15/23 02:50	EPA 8260B	O-04
m n Vilana	ND	2.00	ug/l	1	P3G2408	07/15/23 02:50	07/15/23 02:50	EPA 8260B	SUB-1 O-04
m,p-Xylene	ND .	2.00	-8-	1	1 502408	07/15/25 02.50	07/15/25 02.50	LIA 0200D	0-04

1.00

1.00

3.00

ND

ND

ND

ug/l

ug/l

ug/l

1

1

1

P3G2408

P3G2408

P3G2408

07/15/23 02:50

07/15/23 02:50

07/15/23 02:50

07/15/23 02:50

07/15/23 02:50

07/15/23 02:50

Permian Basin Environmental Lab, L.P.

		Permian	Basin Envi	ronmental L	ab, L.P.			
Analyte Ro	Reportin sult Limit	0	Dilution	Batch	Prepared	Analyzed	Method	Note
			MV 3F29015-0					
Odessa TX, 79765		Proje	ect Manager:	Joel Lowry				
E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100	1]	Proj	Project: ect Number:					

Benzene	ND	1.00	ug/l	1	P3G2408	07/15/23 03:08	07/15/23 03:08	EPA 8260B	O-04, SUB-17
Ethylbenzene	ND	1.00	ug/l	1	P3G2408	07/15/23 03:08	07/15/23 03:08	EPA 8260B	O-04, SUB-17
m,p-Xylene	ND	2.00	ug/l	1	P3G2408	07/15/23 03:08	07/15/23 03:08	EPA 8260B	O-04, SUB-17
o-Xylene	ND	1.00	ug/l	1	P3G2408	07/15/23 03:08	07/15/23 03:08	EPA 8260B	O-04, SUB-17
Toluene	ND	1.00	ug/l	1	P3G2408	07/15/23 03:08	07/15/23 03:08	EPA 8260B	O-04, SUB-17
Xylenes (total)	ND	3.00	ug/l	1	P3G2408	07/15/23 03:08	07/15/23 03:08	EPA 8260B	O-04, SUB-17

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P3G0318 - TX 1005										
Blank (P3G0318-BLK1)				Prepared: (07/03/23 A1	nalyzed: 07	/05/23			
C6-C12	ND	3.01	mg/L							
>C12-C28	ND	3.01	"							
>C28-C35	ND	3.01	"							
Surrogate: 1-Chlorooctane	8.49		"	9.38		90.5	70-130			
Surrogate: o-Terphenyl	4.59		"	4.69		97.9	70-130			
LCS (P3G0318-BS1)				Prepared: (07/03/23 A1	nalyzed: 07	/05/23			
C6-C12	85.6	3.01	mg/L	93.8		91.3	75-125			
>C12-C28	78.3	3.01	"	93.8		83.5	75-125			
Surrogate: 1-Chlorooctane	10.8		"	9.38		115	70-130			
Surrogate: o-Terphenyl	4.76		"	4.69		101	70-130			
LCS Dup (P3G0318-BSD1)				Prepared: ()7/03/23 Ai	nalyzed: 07	/05/23			
C6-C12	85.6	3.01	mg/L	93.8		91.3	75-125	0.0339	20	
>C12-C28	77.1	3.01	"	93.8		82.3	75-125	1.51	20	
Surrogate: 1-Chlorooctane	10.5		"	9.38		112	70-130			
Surrogate: o-Terphenyl	4.48		"	4.69		95.5	70-130			
Calibration Check (P3G0318-CCV1)				Prepared: ()7/03/23 Ai	nalyzed: 07	/05/23			
C6-C12	39.9	3.01	mg/L	46.9		85.2	85-115			
>C12-C28	41.4	3.01	"	46.9		88.3	85-115			
Surrogate: 1-Chlorooctane	8.81		"	9.38		93.9	70-130			
Surrogate: o-Terphenyl	4.27		"	4.69		91.1	70-130			
Calibration Check (P3G0318-CCV2)				Prepared: ()7/03/23 Ai	nalyzed: 07	/06/23			
C6-C12	40.2	3.01	mg/L	46.9		85.7	85-115			
>C12-C28	41.7	3.01	"	46.9		89.0	85-115			
Surrogate: 1-Chlorooctane	8.92		"	9.38		95.1	70-130			
Surrogate: o-Terphenyl	4.27		"	4.69		91.0	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3G0318 - TX 1005		2520015		D 10	7/02/22	1 1 07				
Duplicate (P3G0318-DUP1)	Source	e: 3F29015-	01	Prepared: (07/03/23 At	nalyzed: 07	/06/23			
C6-C12	0.916	3.01	mg/L		3.39			115	20	
>C12-C28	16.2	3.01			2.46			147	20	
Surrogate: 1-Chlorooctane	9.03		"	9.38		96.4	70-130			
Surrogate: o-Terphenyl	4.90		"	4.69		104	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Notes and Definitions

SUB-17	Subcontracted to ALS Global in Holland,MI
ROI	Received on Ice
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
O-04	This sample was analyzed outside the EPA recommended holding time.
NPBEL C(Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike

Report Approved By:

Dup

Duplicate

Bun Barron

Date: 7/24/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

E Te	ech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2	
1300	00 West County Road 100	Project Number:	17472	
Ode	essa TX, 79765	Project Manager:	Joel Lowry	У

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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.

	Zuch Conder				EQUEST Permian Basin I 1400 Rankin H Midland, Texas	wy	Lab, LP	Project Na	:	Phone: 432-6 PHZ	36-7235	Page 15 of 35
Company Name	Elech Enviror	menta	1							72		
Company Address:	2617 W. Mmrl	und								ral Les		m
City/State/Zip:	Hobbs Nm 8	240	- -	1999 (1999) (1999) (1999 (1999 (1999) (1999 (1999 (1999 (1999 (<u></u> .	P	0#: <u>70</u>	09.039	·	
Telephone No:	575.346.2370	}		Fax No:	575.	376 (429	Re	port Forma	t: X St	andard 🛛	TRRP	
Sampler Signature	Amlk			e-mail:	Pmb	etecher	nv.com	<u> </u>		Analyza Faz		
(lab use only) ORDER #: 3F8,901	5		1/,	· · · · · · · · · · · · · · · · · · ·	Preser	vation & # of Contain	ners Mat	rix		Analyze For:		e call)
AB# (lab use only)	ELD CODE	Beginning Depth	Date Sampled	Time Sampled	field Filtered Iotal #. of Containers Ice HNO3 200,mi Poly	HCI H₂SO₄ Na₂S₂O₃	None 1t. Poly NaOH/ZnAc DW=Drinking Water St=Sludge GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other IPH by TX 1005 8015B 8015M Chloride	JAH CANEded			Rush 24 48 72 (Please Standard
MWI		<u> </u>	6/22/23		63X	X	6		X			У
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3 MWS	<u> </u>		6/22/23	11:35	73X	x	6		X T			† † † †ý
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Table 21 Articles (Articles (Article										┨╌┨╌┨╧		┼┼┼┼
Special Instructions:	m	<u>в. </u>	······································	ļ .			. 1 . 1	- 	Sample C	y Comments: ontainers Intact		NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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Relinquished by: Relinquished by:	Date	Time	Received by	M	Ç	N	abate BBGB	R 3:0	Temperati Received: Adjusted:	ure Upon Receit	ot:	

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	Company Address																- P	rojec	t Loo										
	City/State/Zip:	Midland Tex	(as 79701														-		PO #	t:									
	Telephone No:	432-661-418	84				Fax No:	•									Repo	rt Fo	rmat	: X	Stand	dard			RRF)	<u> </u>	NPDE	S
	Sampler Signature	: <u>N/A</u>					e-mail:	•	brei	ntba	rron	@pbe	elab	.com								۸n	alyze	For:					
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ORDER #	#:									Р	rese	rvatior	n&#</td><td>ŧ of Co</td><td>ontain</td><td>ers</td><td>Mati</td><td>rix</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>LAB # (lab use only)</td><td>F</td><td>FIELD CODE</td><td></td><td>Beginning Depth</td><td>Ending Depth</td><td>Date Sampled</td><td>Time Sampled</td><td>Field Filtered</td><td>Total #. of Containers</td><td>ICE</td><td>HNO_{3 250 poly 1}</td><td>HCI 3 40mL VOA</td><td>H₂SU₄ I AIMBER SUU/ 25UPULY</td><td>NaOH /Ascorbic Acid 250ML Po Na. S. O.</td><td>NONE</td><td>NONE 3 AMBER VOAA VIALS</td><td>DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid</td><td>ole (s</td><td>8021B BTEX</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>24 HOUR</td><td>STANDARD</td></tr><tr><td></td><td>3F</td><td>-29015-01</td><td></td><td></td><td></td><td>6/22/2023</td><td>13:30</td><td></td><td>3</td><td>Х</td><td></td><td>х</td><td></td><td></td><td></td><td></td><td>w</td><td>,</td><td>x</td><td></td><td></td><td></td><td></td><td></td><td></td><td>\square</td><td>\square</td><td>_</td><td>Х</td></tr><tr><td></td><td></td><td>-29015-02</td><td></td><td></td><td></td><td>6/22/2023</td><td>10:35</td><td></td><td>3</td><td></td><td></td><td>Х</td><td>_</td><td></td><td>_</td><td></td><td>W</td><td>-</td><td>x</td><td></td><td>_</td><td></td><td></td><td></td><td></td><td>╶┼╌┤</td><td>_</td><td>╇</td><td>Х</td></tr><tr><td></td><td></td><td>-29015-03</td><td></td><td></td><td></td><td>6/22/2023</td><td>10:50</td><td></td><td>3</td><td></td><td></td><td>X</td><td>_</td><td>_</td><td>-</td><td></td><td>W</td><td></td><td>X</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>+</td><td>-+</td><td>+</td><td>X</td></tr><tr><td></td><td></td><td>F29015-04 F29015-05</td><td></td><td></td><td></td><td>6/22/2023 6/22/2023</td><td>12:15 11:35</td><td></td><td>3 3</td><td></td><td></td><td>x x</td><td></td><td>+</td><td></td><td></td><td>w w</td><td></td><td>x x</td><td>+</td><td>-</td><td></td><td></td><td></td><td></td><td>╉</td><td>\rightarrow</td><td>╋</td><td>X X</td></tr><tr><td></td><td></td><td>=29015-06</td><td></td><td></td><td></td><td>6/22/2023</td><td>8:50</td><td></td><td>3</td><td></td><td></td><td>x</td><td></td><td></td><td></td><td></td><td>w</td><td></td><td>x</td><td></td><td></td><td></td><td>\square</td><td></td><td></td><td></td><td></td><td>+</td><td>x</td></tr><tr><td></td><td>36</td><td>-29015-07</td><td></td><td></td><td></td><td>6/22/2023</td><td>9:30</td><td></td><td></td><td>х</td><td></td><td>х</td><td></td><td></td><td></td><td></td><td>w</td><td></td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td>\square</td><td></td><td></td><td>х</td></tr><tr><td>SPECIAL</td><td>INSTRUCTIONS:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Sa</td><td>borate imple DCs Fre</td><td>Contai</td><td>ners l</td><td>ntact</td><td></td><td></td><td></td><td>Y Y</td><td>N N</td><td></td></tr><tr><td>Relinqui Brent Ba</td><td>shed by: arron</td><td></td><td>Date</td><td>Tii</td><td>me</td><td>Received by:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Da</td><td>te</td><td></td><td>e La Cu Cu</td><td>bels o istody istody</td><td>n cont seals seals</td><td>ainer(on cor on coc</td><td>s) ntaine pler(s</td><td>er(s)</td><td></td><td></td><td>Y Y Y</td><td>N N N</td><td></td></tr><tr><td>Relinqui</td><td>shed by:</td><td></td><td>Date</td><td>Ti</td><td>me</td><td>Received by:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Da</td><td>te</td><td>Tim</td><td>e ^{Sa}</td><td></td><td>ample</td><td>r/Clien</td><td>red It Rep</td><td>.?</td><td></td><td></td><td>Y Y</td><td>N N</td><td></td></tr><tr><td>Relinqui</td><td>shed by:</td><td></td><td>Date</td><td>Ti</td><td>me</td><td>Received by:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Da</td><td>te</td><td>Tim</td><td>Re</td><td>by C empera eceived djusted</td><td>1:</td><td>? Jpon I</td><td></td><td>pt: °C °C Fa</td><td>OHL</td><td>FedE</td><td>x L</td><td>one St</td><td>tar</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td>_</td><td></td><td>_</td><td>_</td><td>_</td><td></td><td></td><td></td><td>_</td><td></td><td>_</td><td></td><td>_</td><td></td><td>_</td><td></td><td></td><td></td><td>Pag</td><td>je 10</td><td>6 of ∶</td><td>35</td></tr></tbody></table>																

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	Company Name	PBEL																P	ojec	:t #:_										
	Company Address	: <u>1400 Rankin</u>	HWY														I	Proj	ect L	.oc: _										
	City/State/Zip:	Midland Texa	as 79701																P	C #:_										
	Telephone No:	432-661-4184	4				Fax No:	-									Rep	ort I	orm	nat:	X S	tanda	ard] TR	RP	٢] _N	IPDES	S
	Sampler Signature	: <u>N/A</u>					e-mail:	-	bren	tbar	ron@	2 pbe	lab	.com									Anal	170 F	or:				—	
																								y2e 10	51.			Т	-	
ORDER	#:									Pr	eser	vation	1&#</td><td>of Co</td><td>ntaine</td><td>ers</td><td>Ma</td><td>trix</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>LAB # (lab use only)</td><td></td><td>FIELD CODE</td><td></td><td>Beginning Depth</td><td>Ending Depth</td><td>Date Sampled</td><td>Time Sampled</td><td>Field Filtered</td><td>Total #. of Containers</td><td>ICE</td><td>HNO_{3 250 poly 1}</td><td>HCI 3 40mL VOA H_SO_1 AMBEB 500/250DOI V</td><td></td><td>Naur / Ascordic Acia 250141 P</td><td>NONE</td><td>NONE 3 AMBER VOAA VIALS</td><td>DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid</td><td>NP=Non-Potable Specify Other</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>24 HOUR</td><td>STANDARD</td></tr><tr><td></td><td>31</td><td>F29015-08</td><td></td><td></td><td></td><td>6/22/2023</td><td>10:05</td><td></td><td>3</td><td>Х</td><td></td><td>х</td><td></td><td></td><td></td><td></td><td>v</td><td>V</td><td>х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\square</td><td>\Box</td><td>\Box</td><td>х</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\downarrow</td><td>╇</td><td>Ш</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td>_</td><td>_</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>-</td><td>$\left \right$</td><td>+</td><td></td><td></td><td></td><td></td><td></td><td>\vdash</td><td>+</td><td>┢</td><td>H</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>+</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>1</td><td>Η</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SDECIAL</td><td>INSTRUCTIONS:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Labo</td><td>rator</td><td></td><td>nment</td><td>ç.</td><td></td><td></td><td>Ш</td><td>⊥</td><td>L</td><td>Ц</td></tr><tr><td>SPECIAI</td><td>INSTRUCTIONS.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Sam</td><td>ole Co</td><td>ntain</td><td>ers Int</td><td>act?</td><td></td><td></td><td>Y</td><td></td><td>N</td><td></td></tr><tr><td>Relinqu Brent B</td><td>ished by: arron</td><td></td><td>Date</td><td>Tir</td><td>me</td><td>Received by:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Dat</td><td>te</td><td>Т</td><td>ime</td><td>Labe Cust</td><td>ls on o ody se</td><td>conta als o</td><td>eadspa iner(s) n cont n cool</td><td>ainer</td><td>(s)</td><td></td><td>Y Y Y Y</td><td>,</td><td>N N N</td><td></td></tr><tr><td>Relinqu</td><td>ished by:</td><td></td><td>Date</td><td>Tii</td><td>me</td><td>Received by:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Dat</td><td>te</td><td>Т</td><td>ime</td><td>Sam</td><td>ole Ha</td><td>nd De</td><td>elivere Client</td><td>d</td><td>)</td><td></td><td>Y Y</td><td></td><td>N N</td><td></td></tr><tr><td>Relinqu</td><td>ished by:</td><td></td><td>Date</td><td>Tiı</td><td>me</td><td>Received by:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Dat</td><td>te</td><td>Т</td><td></td><td>Tem Rece</td><td>oy Cou</td><td>rier?</td><td></td><td>JPS eceipt °(</td><td>DH ::</td><td></td><td>FedEx</td><td>Lo</td><td>one Sta</td><td>ar</td></tr><tr><td></td><td></td><td>1</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>.,.</td><td></td><td></td><td></td><td>`</td><td></td><td></td><td>Page</td><td>e 17</td><td>' of 3</td><td></td></tr></tbody></table>																	

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Received by OCD: 4/1/2024 1:36:12 PM



18-Jul-2023

Brent Barron Permian Basin Environmental Lab, LP 10014 SCR 1213 Midland, TX 79706

Re: 3F29015

Work Order: 23070418

Dear Brent,

ALS Environmental received 8 samples on 07-Jul-2023 09:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 18.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Cook

Electronically approved by: Chelsey Cool

Chelsey Cook Project Manager

Report of Laboratory Analysis

Certificate No: TX: T104704494-23-14 ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Lab Samp ID Client Sample ID

23070418-01 3F29015-01

23070418-02 3F29015-02

23070418-03 3F29015-03

23070418-04 3F29015-04

23070418-05 3F29015-05

23070418-06 3F29015-06

23070418-07 3F29015-07

23070418-08 3F29015-08

Date: 18-Jul-23

Hold

Date Received

7/7/2023 09:00

7/7/2023 09:00

7/7/2023 09:00

7/7/2023 09:00

7/7/2023 09:00

7/7/2023 09:00

7/7/2023 09:00

7/7/2023 09:00

Client:	Permian Basin Environmental Lab, LP	
Project:	3F29015	Work Order Sample Summary
Work Order:	23070418	

<u>Tag Number</u>

Collection Date

6/22/2023 13:30

6/22/2023 10:35

6/22/2023 10:50

6/22/2023 12:15

6/22/2023 11:35

6/22/2023 08:50

6/22/2023 09:30

6/22/2023 10:05

<u>Matrix</u>

Water

Water

Water

Water

Water

Water

Water

Water

Sample Summary Page 1 of 1

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP	QUALIFIERS ,
Project:	3F29015	
WorkOrder:	23070418	ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
а	Analyte is non-accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
Е	Value above quantitation range
Н	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Analyte accreditation is not offered
ND	Not Detected at the Reporting Limit
О	Sample amount is > 4 times amount spiked
Р	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Х	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.
<u>Acronym</u>	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate

LCSD Laboratory Control Sample Duple	icat
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LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)

202	Linn of Quantum
MBLK	Method Blank

MDL	Method Detection Limit
MS	Matrix Spike

- MSD Matrix Spike Duplicate
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference TDL Target Detection Limit
- TNTC Too Numerous To Count
- APHA Standard Methods А
- D ASTM
- Е EPA
- SW SW-846 Update III

Units Reported Description

μg/L Micrograms per Liter

QF Page 1 of 1

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP	
Project:	3F29015	Case Narrative
Work Order:	23070418	

Samples for the above noted Work Order were received on 07/07/2023. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:

Batch R376684a, Method SW8260D, Samples (23070418-01A, -02A, -03A, -04A, -05A, -06A, -07A, -08A): Sample was analyzed outside of holding time due to laboratory error. Sample results should be considered as estimated.

Batch R376711a, Method SW8260D, Sample 3F29015-01 (23070418-01A): Sample was reanalyzed outside of the holding time due to performance of a dilution. Sample results should be considered estimated for the affected analyte.

Batch R376684a, Method SW8260D, Sample 23070418-01A MS: The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: Trans-1,4-dichloro-2-butene.

Batch R376684a, Method SW8260D, Sample 23070418-01A MSD: The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: Trans-1,4-dichloro-2-butene.

No other deviations or anomalies were noted.

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP	
Project:	3F29015	Work Order: 23070418
Sample ID:	3F29015-01	Lab ID: 23070418-01
Collection Date:	6/22/2023 01:30 PM	Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Meth	od: SW82601	D			Analyst: BAM
Benzene	150	Н	46	100	µg/L	100	7/15/2023 01:00
Ethylbenzene	95	Н	0.34	1.0	µg/L	1	7/16/2023 17:33
m,p-Xylene	93	Н	0.81	2.0	µg/L	1	7/16/2023 17:33
o-Xylene	26	Н	0.31	1.0	µg/L	1	7/16/2023 17:33
Toluene	7.4	Н	0.45	1.0	µg/L	1	7/16/2023 17:33
Xylenes, Total	120	Н	0.81	3.0	µg/L	1	7/16/2023 17:33
Surr: 1,2-Dichloroethane-d4	105			80-120	%REC	100	7/15/2023 01:00
Surr: 1,2-Dichloroethane-d4	92.9			80-120	%REC	1	7/16/2023 17:33
Surr: 4-Bromofluorobenzene	110			80-120	%REC	100	7/15/2023 01:00
Surr: 4-Bromofluorobenzene	107			80-120	%REC	1	7/16/2023 17:33
Surr: Dibromofluoromethane	103			80-120	%REC	100	7/15/2023 01:00
Surr: Dibromofluoromethane	92.8			80-120	%REC	1	7/16/2023 17:33
Surr: Toluene-d8	104			80-120	%REC	100	7/15/2023 01:00
Surr: Toluene-d8	105			80-120	%REC	1	7/16/2023 17:33

Note: See Qualifiers page for a list of qualifiers and their definitions.

AR Page 1 of 8

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP		
Project:	3F29015	Work Order:	23070418
Sample ID:	3F29015-02	Lab ID:	23070418-02
Collection Date:	6/22/2023 10:35 AM	Matrix:	WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Met	nod: SW8260E)			Analyst: BAM
Benzene	U	н	0.46	1.0	µg/L	1	7/15/2023 01:18
Ethylbenzene	U	Н	0.34	1.0	µg/L	1	7/15/2023 01:18
m,p-Xylene	U	Н	0.81	2.0	µg/L	1	7/15/2023 01:18
o-Xylene	U	Н	0.31	1.0	µg/L	1	7/15/2023 01:18
Toluene	U	Н	0.45	1.0	µg/L	1	7/15/2023 01:18
Xylenes, Total	U	Н	0.81	3.0	µg/L	1	7/15/2023 01:18
Surr: 1,2-Dichloroethane-d4	102			80-120	%REC	1	7/15/2023 01:18
Surr: 4-Bromofluorobenzene	103			80-120	%REC	1	7/15/2023 01:18
Surr: Dibromofluoromethane	101			80-120	%REC	1	7/15/2023 01:18
Surr: Toluene-d8	99.5			80-120	%REC	1	7/15/2023 01:18

Note: See Qualifiers page for a list of qualifiers and their definitions.

AR Page 2 of 8

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP	
Project:	3F29015	Work Order: 23070418
Sample ID:	3F29015-03	Lab ID: 23070418-03
Collection Date:	6/22/2023 10:50 AM	Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Meth	nod: SW8260E)			Analyst: BAM
Benzene	U	Н	0.46	1.0	µg/L	1	7/15/2023 01:36
Ethylbenzene	U	Н	0.34	1.0	µg/L	1	7/15/2023 01:36
m,p-Xylene	U	Н	0.81	2.0	µg/L	1	7/15/2023 01:36
o-Xylene	U	Н	0.31	1.0	µg/L	1	7/15/2023 01:36
Toluene	U	Н	0.45	1.0	µg/L	1	7/15/2023 01:36
Xylenes, Total	U	Н	0.81	3.0	µg/L	1	7/15/2023 01:36
Surr: 1,2-Dichloroethane-d4	106			80-120	%REC	1	7/15/2023 01:36
Surr: 4-Bromofluorobenzene	107			80-120	%REC	1	7/15/2023 01:36
Surr: Dibromofluoromethane	101			80-120	%REC	1	7/15/2023 01:36
Surr: Toluene-d8	104			80-120	%REC	1	7/15/2023 01:36

Note: See Qualifiers page for a list of qualifiers and their definitions.

AR Page 3 of 8

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP	
Project:	3F29015	Work Order: 23070418
Sample ID:	3F29015-04	Lab ID: 23070418-04
Collection Date:	6/22/2023 12:15 PM	Matrix: WATER
1		

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Meth	nod: SW8260E)			Analyst: BAM
Benzene	U	Н	0.46	1.0	µg/L	1	7/15/2023 01:55
Ethylbenzene	U	Н	0.34	1.0	µg/L	1	7/15/2023 01:55
m,p-Xylene	U	Н	0.81	2.0	µg/L	1	7/15/2023 01:55
o-Xylene	U	Н	0.31	1.0	µg/L	1	7/15/2023 01:55
Toluene	U	Н	0.45	1.0	µg/L	1	7/15/2023 01:55
Xylenes, Total	U	Н	0.81	3.0	µg/L	1	7/15/2023 01:55
Surr: 1,2-Dichloroethane-d4	102			80-120	%REC	1	7/15/2023 01:55
Surr: 4-Bromofluorobenzene	104			80-120	%REC	1	7/15/2023 01:55
Surr: Dibromofluoromethane	104			80-120	%REC	1	7/15/2023 01:55
Surr: Toluene-d8	102			80-120	%REC	1	7/15/2023 01:55

Note: See Qualifiers page for a list of qualifiers and their definitions.

AR Page 4 of 8

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP	
Project:	3F29015	Work Order: 23070418
Sample ID:	3F29015-05	Lab ID: 23070418-05
Collection Date:	6/22/2023 11:35 AM	Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Meth	nod: SW8260E)			Analyst: BAM
Benzene	7.6	Н	0.46	1.0	µg/L	1	7/15/2023 02:13
Ethylbenzene	1.1	Н	0.34	1.0	µg/L	1	7/15/2023 02:13
m,p-Xylene	U	Н	0.81	2.0	µg/L	1	7/15/2023 02:13
o-Xylene	U	Н	0.31	1.0	µg/L	1	7/15/2023 02:13
Toluene	U	Н	0.45	1.0	µg/L	1	7/15/2023 02:13
Xylenes, Total	U	Н	0.81	3.0	µg/L	1	7/15/2023 02:13
Surr: 1,2-Dichloroethane-d4	105			80-120	%REC	1	7/15/2023 02:13
Surr: 4-Bromofluorobenzene	104			80-120	%REC	1	7/15/2023 02:13
Surr: Dibromofluoromethane	105			80-120	%REC	1	7/15/2023 02:13
Surr: Toluene-d8	104			80-120	%REC	1	7/15/2023 02:13

Note: See Qualifiers page for a list of qualifiers and their definitions.

AR Page 5 of 8

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP		
Project:	3F29015	Work Order:	23070418
Sample ID:	3F29015-06	Lab ID:	23070418-06
Collection Date:	6/22/2023 08:50 AM	Matrix:	WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Meth	nod: SW8260E)			Analyst: BAM
Benzene	U	Н	0.46	1.0	µg/L	1	7/15/2023 02:31
Ethylbenzene	U	Н	0.34	1.0	µg/L	1	7/15/2023 02:31
m,p-Xylene	U	Н	0.81	2.0	µg/L	1	7/15/2023 02:31
o-Xylene	U	Н	0.31	1.0	µg/L	1	7/15/2023 02:31
Toluene	U	Н	0.45	1.0	µg/L	1	7/15/2023 02:31
Xylenes, Total	U	Н	0.81	3.0	µg/L	1	7/15/2023 02:31
Surr: 1,2-Dichloroethane-d4	104			80-120	%REC	1	7/15/2023 02:31
Surr: 4-Bromofluorobenzene	108			80-120	%REC	1	7/15/2023 02:31
Surr: Dibromofluoromethane	105			80-120	%REC	1	7/15/2023 02:31
Surr: Toluene-d8	100			80-120	%REC	1	7/15/2023 02:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

AR Page 6 of 8

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP		
Project:	3F29015	Work Order:	23070418
Sample ID:	3F29015-07	Lab ID:	23070418-07
Collection Date:	6/22/2023 09:30 AM	Matrix:	WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Met	nod: SW8260E)			Analyst: BAM
Benzene	U	н	0.46	1.0	µg/L	1	7/15/2023 02:50
Ethylbenzene	U	Н	0.34	1.0	µg/L	1	7/15/2023 02:50
m,p-Xylene	U	Н	0.81	2.0	µg/L	1	7/15/2023 02:50
o-Xylene	U	Н	0.31	1.0	µg/L	1	7/15/2023 02:50
Toluene	U	Н	0.45	1.0	µg/L	1	7/15/2023 02:50
Xylenes, Total	U	Н	0.81	3.0	µg/L	1	7/15/2023 02:50
Surr: 1,2-Dichloroethane-d4	101			80-120	%REC	1	7/15/2023 02:50
Surr: 4-Bromofluorobenzene	106			80-120	%REC	1	7/15/2023 02:50
Surr: Dibromofluoromethane	106			80-120	%REC	1	7/15/2023 02:50
Surr: Toluene-d8	103			80-120	%REC	1	7/15/2023 02:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

AR Page 7 of 8

Date: 18-Jul-23

Client:	Permian Basin Environmental Lab, LP		
Project:	3F29015	Work Order:	23070418
Sample ID:	3F29015-08	Lab ID:	23070418-08
Collection Date:	6/22/2023 10:05 AM	Matrix:	WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Meth	nod: SW8260E)			Analyst: BAM
Benzene	U	Н	0.46	1.0	µg/L	1	7/15/2023 03:08
Ethylbenzene	U	Н	0.34	1.0	µg/L	1	7/15/2023 03:08
m,p-Xylene	U	Н	0.81	2.0	µg/L	1	7/15/2023 03:08
o-Xylene	U	Н	0.31	1.0	µg/L	1	7/15/2023 03:08
Toluene	U	Н	0.45	1.0	µg/L	1	7/15/2023 03:08
Xylenes, Total	U	Н	0.81	3.0	µg/L	1	7/15/2023 03:08
Surr: 1,2-Dichloroethane-d4	102			80-120	%REC	1	7/15/2023 03:08
Surr: 4-Bromofluorobenzene	106			80-120	%REC	1	7/15/2023 03:08
Surr: Dibromofluoromethane	104			80-120	%REC	1	7/15/2023 03:08
Surr: Toluene-d8	104			80-120	%REC	1	7/15/2023 03:08

Note: See Qualifiers page for a list of qualifiers and their definitions.

AR Page 8 of 8

Client:	Permian Basin Environmental Lab, LP
Work Order:	23070418
Project:	3F29015

Date: 18-Jul-23

QC BATCH REPORT

Batch ID: R376684a	Instrument ID VMS	8	Metho	d: SW	8260D							
MBLK Sa	mple ID: 8V-BLKW1-2	230714-R37668	4a		U	nits: µg/L			Analysi	s Date:	7/14/2023 0	8:44 PM
Client ID:		Run ID: VMS	8_230714A		Sec	qNo: 9768	3990	Prep I	Date:		DF: 1	
Analyte	Result	MDL	PQL SPK	,	PK Ref Value	%REC	Control Limit	F	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	0.46	1.0									
Ethylbenzene	U	0.34	1.0									
m,p-Xylene	U	0.81	2.0									
o-Xylene	U	0.31	1.0									
Toluene	U	0.45	1.0									
Xylenes, Total	U	0.81	3.0									
Surr: 1,2-Dichloroetha	ne-d4 21.53	0	0 2	0	0	108	80-120		0			
Surr: 4-Bromofluorobe	nzen: 20.39	0	0 2	0	0	102	80-120		0			
Surr: Dibromofluorome	ethane 20.88	0	0 2	0	0	104	80-120		0			
Surr: Toluene-d8	20.18	0	0 2	0	0	101	80-120		0			

LCS S	ample ID: 8V-LCSW1-2	30714-R37668	4a		Ur	nits: µg/L		Ana	lysis Date:	7/14/2023	07:49 PM
Client ID:		Run ID: VMS	68_2307 [,]	14A	Seq	No: 9768	988	Prep Date:		DF: 1	l
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Re Value		RPD D ^{Limit}	Qual
Benzene	18.51	0.46	1.0	20	0	92.6	78-120		0		
Ethylbenzene	19.62	0.34	1.0	20	0	98.1	76-116		0		
m,p-Xylene	37.79	0.81	2.0	40	0	94.5	76-119		0		
o-Xylene	18.86	0.31	1.0	20	0	94.3	77-116		0		
Toluene	19.38	0.45	1.0	20	0	96.9	78-116		0		
Xylenes, Total	56.65	0.81	3.0	60	0	94.4	77-119		0		
Surr: 1,2-Dichloroethe	ane-d4 20.35	0	0	20	0	102	80-120		0		
Surr: 4-Bromofluorob	enzen: 20.58	0	0	20	0	103	80-120		0		
Surr: Dibromofluorom	nethane 20.26	0	0	20	0	101	80-120		0		
Surr: Toluene-d8	19.46	0	0	20	0	97.3	80-120		0		

MS S	ample ID: 23070418-01	AMS			Ur	its: µg/L		Analysi	s Date:	7/15/2023	03:27 AM
Client ID: 3F29015-01		Run ID: VM	S8_23071	14A	Seq	No: 9769	012	Prep Date:		DF: 1	00
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	2227	46	100	2000	149	104	78-120	0			HHH
Ethylbenzene	2142	34	100	2000	59	104	76-116	0			HHH
m,p-Xylene	4031	81	200	4000	36	99.9	76-119	0			HHH
o-Xylene	2032	31	100	2000	0	102	77-116	0			HHH
Toluene	2027	45	100	2000	0	101	78-116	0			HHH
Xylenes, Total	6063	81	300	6000	0	101	77-119	0			HHH
Surr: 1,2-Dichloroeth	ane-d4 2032	0	0	2000	0	102	80-120	0			
Surr: 4-Bromofluorob	enzene 1939	0	0	2000	0	97	80-120	0			
Surr: Dibromofluorom	nethant 1979	0	0	2000	0	99	80-120	0			
Surr: Toluene-d8	1967	0	0	2000	0	98.4	80-120	0			

Note:

See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 1 of 4

Client:	Permian Basin Environmental Lab, LP
Work Order:	23070418
Project:	3F29015

QC BATCH REPORT

Batch ID: R376684a Instrument ID VMS8 Method: SW8260D

MSD Sample ID:	23070418-01	A MSD			Ur	its: µg/L		Analysis	B Date: 7/	15/2023 0	3:45 AI
Client ID: 3F29015-01		Run ID: VMS	8_2307	14A	Seq	No: 9769	013	Prep Date:		DF: 10	0
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	2188	46	100	2000	149	102	78-120	2227	1.77	30	HHH
Ethylbenzene	2218	34	100	2000	59	108	76-116	2142	3.49	30	HHH
m,p-Xylene	4203	81	200	4000	36	104	76-119	4031	4.18	30	HHH
o-Xylene	2099	31	100	2000	0	105	77-116	2032	3.24	30	HHH
Toluene	2040	45	100	2000	0	102	78-116	2027	0.639	30	HHH
Xylenes, Total	6302	81	300	6000	0	105	77-119	6063	3.87	30	ННН
Surr: 1,2-Dichloroethane-d4	2052	0	0	2000	0	103	80-120	2032	0.979	30	
Surr: 4-Bromofluorobenzene	2025	0	0	2000	0	101	80-120	1939	4.34	30	
Surr: Dibromofluoromethane	1982	0	0	2000	0	99.1	80-120	1979	0.151	30	
Surr: Toluene-d8	2045	0	0	2000	0	102	80-120	1967	3.89	30	

The following samples were analyzed in this batch:

23070418-01A 23070418-04A 23070418-07A 23070418-02A 23070418-05A 23070418-08A 23070418-03A 23070418-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:	Permian Basin Environmental Lab, LP
Work Order:	23070418
Project:	3F29015

QC BATCH REPORT

Batch ID: R376711a Instrument ID VMS11 Method: SW8260D Analysis Date: 7/16/2023 11:41 AM MBLK Sample ID: 11V-BLKW1-230716-R376711a Units: µg/L Client ID: Run ID: VMS11_230716A SeqNo: 9772318 Prep Date: DF: 1 RPD Control **RPD** Ref SPK Ref Value Value Limit Limit Result MDL PQL SPK Val %REC %RPD Analyte Qual Ethylbenzene U 0.34 1.0 m,p-Xylene U 0.81 2.0 o-Xylene U 0.31 1.0 Toluene U 0.45 1.0 Xylenes, Total 0.81 3.0 U Surr: 1,2-Dichloroethane-d4 0 0 20 0 97.6 0 19.53 80-120 Surr: 4-Bromofluorobenzene 0 0 0 20.58 0 20 103 80-120 Surr: Dibromofluoromethane 22.42 0 0 20 0 112 80-120 0 Surr: Toluene-d8 0 0 0 19.99 0 20 100 80-120

LCS S	ample ID: 11V-LCSW1	Ur	Units: µg/L			Analysis Date: 7/16/2023 10:57					
Client ID:		Run ID: VMS	611_230 ⁻	716A	Seq	No: 9772	317	Prep Date:		DF: 1	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPI	RPD Limit	Qual
Ethylbenzene	20.38	0.34	1.0	20	0	102	76-116	0			
m,p-Xylene	42.13	0.81	2.0	40	0	105	76-119	0			
o-Xylene	20.93	0.31	1.0	20	0	105	77-116	0			
Toluene	20.26	0.45	1.0	20	0	101	78-116	0			
Xylenes, Total	63.06	0.81	3.0	60	0	105	77-119	0			
Surr: 1,2-Dichloroetha	ane-d4 19.86	0	0	20	0	99.3	80-120	0			
Surr: 4-Bromofluorob	enzene 21.04	0	0	20	0	105	80-120	0			
Surr: Dibromofluorom	nethane 20.61	0	0	20	0	103	80-120	0			
Surr: Toluene-d8	20.44	0	0	20	0	102	80-120	0			

MS S	ample ID: 23070554-07	AMS			Ur	nits: µg/L		Analys	sis Date:	7/16/2023	07:01 PM
Client ID:		Run ID: VMS	11_2307	716A	Seq	No: 9772	338	Prep Date:		DF: 10)
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPI	RPD D Limit	Qual
Ethylbenzene	215.9	3.4	10	200	0	108	76-116	0)		
m,p-Xylene	454.7	8.1	20	400	0	114	76-119	0)		
o-Xylene	223	3.1	10	200	0	112	77-116	0)		
Toluene	211.1	4.5	10	200	0	106	78-116	0)		
Xylenes, Total	677.7	8.1	30	600	0	113	77-119	0)		
Surr: 1,2-Dichloroeth	ane-d4 197.9	0	0	200	0	99	80-120	0)		
Surr: 4-Bromofluorob	enzen 209.4	0	0	200	0	105	80-120	0)		
Surr: Dibromofluorom	ethane 212.1	0	0	200	0	106	80-120	0)		
Surr: Toluene-d8	197.7	0	0	200	0	98.8	80-120	0)		

Note:

See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 3 of 4

Client:Permian Basin Environmental Lab, LPWork Order:23070418Project:3F29015

QC BATCH REPORT

Batch ID: R376711a	Instrument ID VMS11	Method: SW8260D

MSD Sample ID:	23070554-07	AMSD			Ur	nits: µg/L		Analy	Analysis Date: 7/16/2023 07:23 PM			
Client ID:		Run ID: VMS11_230716A			Seq	SeqNo: 9772339			Prep Date:			
Analyte	Result	MDL	PQL S	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Ethylbenzene	213.3	3.4	10	200	0	107	76-116	215.	9 1.21	30		
m,p-Xylene	458.8	8.1	20	400	0	115	76-119	454.	7 0.898	30		
o-Xylene	222.9	3.1	10	200	0	111	77-116	22	3 0.0449	30		
Toluene	211.7	4.5	10	200	0	106	78-116	211.	1 0.284	30		
Xylenes, Total	681.7	8.1	30	600	0	114	77-119	677.	7 0.588	30		
Surr: 1,2-Dichloroethane-d4	188.8	0	0	200	0	94.4	80-120	197.	9 4.71	30		
Surr: 4-Bromofluorobenzene	204.4	0	0	200	0	102	80-120	209.	4 2.42	30		
Surr: Dibromofluoromethane	208.1	0	0	200	0	104	80-120	212.	1 1.9	30		
Surr: Toluene-d8	196.3	0	0	200	0	98.2	80-120	197.	7 0.711	30		

The following samples were analyzed in this batch:

23070418-01A



Chain of Custody Form

0	ALS)																	
				0		ALS Project	Manager:						ork Ord			-		
-	Custo	mer Information		Proj	ect Informa	ation					eter/N	letho	d Req	uest f	or Ana	lysis		
Pu	rchase Order	EVB ss11801 MV28	Project Name	EVB	EVB ss11801 MV28			Α	TCLP VOCs									
	Work Order		Project Numbe	EVB	ss11801 MV	28		В	TCLP SVO	Cs		_	_					
Co	mpany Name	Ford Motor Company	Bill To Company	Env	ita Solutions			С	TCLP Met	als			_					
Se	end Report To	R&E Ford Team	Invoice Attn	. Mik	e VanPaepeg	hem		D	PCBs			_	_				_	_
	Address	2450 Carroll Shelby Way We	Address	371	9 W 96 St			E	***5 day	turn**	- 140						_	
	Address		Address					F			_		_					
	City/State/Zip	Dearborn, MI 48124	City/State/Zi	Indi	anapolis, IN	46268		G				_				_		
	Phone	734-991-3637	Phone	734	-991-3637			H			_		_				_	
	Fax		Fa							_			_					
е	-Mail Address	mvanpaepeghem@envitainc.	com; ksmit515@for	d.com;	kevsmith@	envitainc.cor	n	J	and the second	-								
o.	o. Sample Description Date			Time	Matrix	Pres. Key Numbers	# Bottles	A	В	С	D	E	F	G	Н	F	J	Ho
				1200	solid		2	x	x	x	x	x						
					2307 ENVITA SOLUTIONS Project: EVB	- Mi: Envita Solutions ss11801 MV28												
mp	ler(s): Please F	Print & Sign	Shipm	ent Met	nod: Tur	naround Tim				_	✓ Othe			Re	sults D	ue Date	e:	
	uished by:	Date:		Lab eived by:			Date:	3 B	Notes:		adena			1105	2-3	20	30	
ling	uished by	0 16/2		eived by	(Laboratory):		Date 1	/2:9 Time:	ALSO	Cooler	Cool		C Packa	age: (C	heck B	ox Bel	ow)	la
	11	1/1/2	3 505	Q	2		16/23	SQ	7 1	D	Tem			Standar		Level II		Data
	d by (Laboratory):	Date:		cked by	Laboratory):		1-1			23	25	RE	TRRP LF	RC		TRRP L	evel IV	
gge	u by (Layoratory).																	

ALS Group, USA Holland, Michigan

Sample Receipt Checklist

Client Name: PI	ERMIANBASINEL		Date/Time F	Received:	<u>07-Jul-23 (</u>	<u>)9:00</u>
Work Order: 23	<u>3070418</u>		Received by	/ :	<u>WSK</u>	
Checklist complete	ed by Weston Kotecki	07-Jul-23 Date	Reviewed by:	Chelsey eSignature	Cook	11-Jul-23 Date
	<u>Water</u> FedEx					I
Shipping container	r/cooler in good condition?	Yes 🗸	No	Not Prese	ent 🗌	
Custody seals inta	act on shipping container/cooler?	Yes	No 🗌	Not Prese	ent 🗹	
Custody seals inta	act on sample bottles?	Yes	No 🗌	Not Prese	ent 🗹	
Chain of custody p	present?	Yes 🗸	No			
Chain of custody s	signed when relinquished and received?	Yes 🗸	No			
Chain of custody a	agrees with sample labels?	Yes 🗸	No			
Samples in proper	container/bottle?	Yes 🗸	No			
Sample containers	s intact?	Yes 🗸	No			
Sufficient sample v	volume for indicated test?	Yes 🗸	No			
All samples receive	ed within holding time?	Yes 🗸	No 🗌			
Container/Temp B	lank temperature in compliance?	Yes 🗸	No 🗌			
Sample(s) receive Temperature(s)/Th		Yes ✓ 4.0/4.0C	No 🗌	DF	2	
Cooler(s)/Kit(s):						
•	(s) sent to storage: have zero headspace?	7/7/2023 1 Yes ✔	1:05:44 AM No	No VOA vials	submitted	
Water - pH accept	able upon receipt?	Yes	No 🗌	N/A 🔽		
pH adjusted? pH adjusted by:		Yes 🗌	No 🗌	N/A 🗹		

Login Notes:

Client Contacted:	Date Contacted:	Person Contacted:	
Contacted By:	Regarding:		
Comments:			
CorrectiveAction:			
			SRC Page 1 of

Released to Imaging: 7/3/2024 11:38:34 AM

1

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



Analytical Report

Prepared for:

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

Project: Plains-DCP Plant to Lea Station (DCP #2) Project Number: 17472 Location: Lea County, NM

Lab Order Number: 3I19023



Current Certification

Report Date: 09/21/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	3I19023-01	Water	09/18/23 08:00	09-19-2023 14:16
MW-3	3I19023-02	Water	09/18/23 09:00	09-19-2023 14:16
MW-4	3119023-03	Water	09/18/23 10:00	09-19-2023 14:16
MW-5	3I19023-04	Water	09/18/23 11:00	09-19-2023 14:16
MW-6	3119023-05	Water	09/18/23 12:00	09-19-2023 14:16
MW-7	3119023-06	Water	09/18/23 13:00	09-19-2023 14:16
MW-8	3119023-07	Water	09/18/23 14:00	09-19-2023 14:16

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

MW-2

3I19023-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	.ab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 05:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 05:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 05:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 05:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 05:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.5 %	80-120		P3I2010	09/20/23 10:20	09/21/23 05:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.1 %	80-120		P3I2010	09/20/23 10:20	09/21/23 05:57	EPA 8021B	

E Tech Environmental & Safety Solutions, 1 13000 West County Road 100 Odessa TX, 79765	Inc. [1]			t Number:		Plant to Lea Station (De	CP #2)		
				MV	V-3 2 (Water)				
				5119025-0	2 (water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.7 %	80-120		P3I2010	09/20/23 10:20	09/21/23 06:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.0 %	80-120		P3I2010	09/20/23 10:20	09/21/23 06:20	EPA 8021B	

E Tech Environmental & Safety Solutions, 13000 West County Road 100 Odessa TX, 79765	Inc. [1]			t Number:		Plant to Lea Station (D	CP #2)		
				MV	V-4 3 (Water)				
				5119025-0	5 (water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental I	lab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:43	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:43	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:43	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 06:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.3 %	80-120		P3I2010	09/20/23 10:20	09/21/23 06:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.2 %	80-120		P3I2010	09/20/23 10:20	09/21/23 06:43	EPA 8021B	

E Tech Environmental & Safety Solutions 13000 West County Road 100 Odessa TX, 79765	, Inc. [1]		5	t Number:		Plant to Lea Station (De	CP #2)		
				MV					
				5119025-0	4 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	.ab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:06	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.0 %	80-120		P3I2010	09/20/23 10:20	09/21/23 07:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.6 %	80-120		P3I2010	09/20/23 10:20	09/21/23 07:06	EPA 8021B	

E Tech Environmental & Safety Solutions, 13000 West County Road 100 Odessa TX, 79765	Inc. [1]		5	t Number:		Plant to Lea Station (D	CP #2)		
				MV					
				5119025-0	5 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental	Lab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.0 %	80-120		P3I2010	09/20/23 10:20	09/21/23 07:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.4 %	80-120		P3I2010	09/20/23 10:20	09/21/23 07:29	EPA 8021B	

E Tech Environmental & Safety Solutions 13000 West County Road 100 Odessa TX, 79765	, Inc. [1]		5	t Number:		Plant to Lea Station (DO	CP #2)		
				MV					
			•	5119025-0	6 (Water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:52	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 07:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.9 %	80-120		P3I2010	09/20/23 10:20	09/21/23 07:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.7 %	80-120		P3I2010	09/20/23 10:20	09/21/23 07:52	EPA 8021B	

E Tech Environmental & Safety Solutions, I 13000 West County Road 100 Odessa TX, 79765	nc. [1]			t Number:		Plant to Lea Station (DO	CP #2)		
				MV 3110023 0	V-8 7 (Water)				
				5117025-0	(water)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental]	Lab, L.P.			
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 08:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 08:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 08:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 08:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3I2010	09/20/23 10:20	09/21/23 08:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.8 %	80-120		P3I2010	09/20/23 10:20	09/21/23 08:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.5 %	80-120		P3I2010	09/20/23 10:20	09/21/23 08:15	EPA 8021B	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Plains-DCP Plant to Lea Station (DCP #2)	
13000 West County Road 100	Project Number: 17472	
Odessa TX, 79765	Project Manager: Joel Lowry	

Permian Basin Environmental Lab, L.P.

Analysic Readit Linit Units Level Result State Linit Notes Barber D312010 - *** DEFAULT PREP *** Prepared: 09/20/23 Analyzed: 09/21/23 Analyzed: 09/21/23			Doportino		Spiles	Source		%REC		RPD	
Blahk (P32010-BLK)) Prepared: 09/20/23 Analyzed: 09/21/23 Gatzeric ND 0.00100 ** Gatzeric ND 0.00100 * Killsberzene ND 0.00100 * Killsberzene ND 0.00100 * Swargate: // Armongfuoroberzene 0.11/2 92.8 8/1-20 Killsberzene 0.11/2 * 8/1-20 Swargate: // Armongfuoroberzene 0.11/2 * 8/1-20 CK (P312010-BS1) * 0.120 9/6.5 8/1-20 Swargate: // Armongfuoroberzene 0.0976 0.00100 ** * Swargate: // Armongfuoroberzene 0.0976 0.00100 ** * Swargate: // Armongfuoroberzene 0.0976 0.00100 ** 0.100 97.6 8/12.0 Swargate: // Armongfuoroberzene 0.0976 0.00100 ** 0.100 95.5 8/12.0 Swargate: // Armongfuoroberzene 0.1010 ** 0.120 97.1 8/12.0 3.63 20	Analyte	Result		Units	-		%REC		RPD		Notes
Blahk (P32010-BLK)) Prepared: 09/20/23 Analyzed: 09/21/23 Gatzeric ND 0.00100 ** Gatzeric ND 0.00100 * Killsberzene ND 0.00100 * Killsberzene ND 0.00100 * Swargate: // Armongfuoroberzene 0.11/2 92.8 8/1-20 Killsberzene 0.11/2 * 8/1-20 Swargate: // Armongfuoroberzene 0.11/2 * 8/1-20 CK (P312010-BS1) * 0.120 9/6.5 8/1-20 Swargate: // Armongfuoroberzene 0.0976 0.00100 ** * Swargate: // Armongfuoroberzene 0.0976 0.00100 ** * Swargate: // Armongfuoroberzene 0.0976 0.00100 ** 0.100 97.6 8/12.0 Swargate: // Armongfuoroberzene 0.0976 0.00100 ** 0.100 95.5 8/12.0 Swargate: // Armongfuoroberzene 0.1010 ** 0.120 97.1 8/12.0 3.63 20	Batch P3I2010 - *** DEFAULT PREP ***										
Senzence ND 0.00100 mg/L Islaence ND 0.00100 * Islaence ND 0.00100 * Kylene (p/m) ND 0.00200 * Swarogate: 4-Bromofluorobenzene 0.111 * 0.120 92.8 80-120 Swarogate: 4-Bromofluorobenzene 0.111 * 0.120 96.5 80-120 LCS (P312016-BS1) Prepared & Analyzed: 09/2023 * * * * Swarogate: 1-AD(fluorobenzene 0.0976 0.00100 * 0.100 97.6 80-120 LCS (P312016-BS1) Prepared & Analyzed: 09/2023 *<	Blank (P3I2010-BLK1)				Prepared: 0	9/20/23 Ar	alyzed: 09	/21/23			
Falence ND 0.0010 * halylbenzene ND 0.0020 * Kylene (pin) ND 0.0020 * Warn (gale - ABramgfluorobenzene 0.11 * 0.120 92.8 80-120 Surrogate: I-ABramgfluorobenzene 0.11 * 0.120 92.8 80-120 Surrogate: I-ABRAMgfluorobenzene 0.010 ** 0.100 96.5 80-120 Surrogate: I-ABRAMgfluorobenzene 0.0976 0.0010 ** 0.100 93.1 80-120 Surrogate: I-ABRAMgfluorobenzene 0.0976 0.0010 ** 0.100 93.1 80-120 Surrogate: I-ABRAMgfluorobenzene 0.0976 0.0010 ** 0.100 93.1 80-120 Surrogate: I-BRAMgfluorobenzene 0.016 ** 0.100 94.4 80-120 Surrogate: I-BRAMgfluorobenzene 0.016 ** 0.120 84.4 80-120 Surrogate: I-BRAMgfluorobenzene 0.0100 ** 0.100 94.1 80-120 2.1 Surrogate: I-BRAMgfluorobenzene 0.0100 ** 0.120 <	Benzene	ND	0.00100	mg/L							
Ny ND 0.00200 * Kylene (pin) ND 0.00100 * Kylene (pin) ND 0.120 9.2.8 80-120 Surragate: 1-4.Diffuorobenzene 0.111 * 0.120 9.2.8 80-120 Surragate: 1-4.Diffuorobenzene 0.016 mgl 0.100 97.6 80-120 CSC (PSI200-BS1) Prepared & Analyzed: 09/20/23 80-120 - - Schweidene 0.0931 0.00100 ** 0.100 97.6 80-120 Schweidene 0.0956 0.00100 ** 0.100 95.5 80-120 Schweidene 0.016 ** 0.120 84.4 80-120 Schweidene 0.016 ** 0.120 84.4 80-120 Schweidene 0.016 ** 0.120 84.4 80-120 2.17 Schweidene 0.0101 mgl 0.100 90.2 80-120 2.17 20 Surragate: I-I-Difluorobenzene 0.0100 * </td <td>Toluene</td> <td>ND</td> <td>0.00100</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Toluene	ND	0.00100								
ND 0.0010 * Surrogate: 4-Bromofluorobenzene 0.111 * 0.120 92.8 80-120 Surrogate: 1,4-Difluorobenzene 0.116 * 0.120 96.5 80-120 UCS (932010-BS1) Prepared & Analyzed: 09/20.3 80-120 - - Senzene 0.0976 0.00100 * 0.100 93.1 80-120 Sthylbenzene 0.09956 0.00100 * 0.100 95.6 80-120 Sthylbenzene 0.09956 0.00100 * 0.100 84.4 80-120 Stylene (o) 0.6844 0.00100 * 0.120 85.5 80-120 Styrogate: -1.4-Diffuorobenzene 0.106 * 0.120 84.4 80-120 Styrogate: -1.4-Diffuorobenzene 0.117 * 0.120 97.1 80-120 Storogate: -1.4-Diffuorobenzene 0.117 * 0.120 91.1 20 Storogate: -1.4-Diffuorobenzene 0.0900 * 0.100 91.1 80-120	Ethylbenzene	ND	0.00100	"							
Name 110 600100 Norogate: 1.4.20 92.8 80-120 Norogate: 1.4.20/lluorobenzene 0.116 " 0.120 96.5 80-120 LCS (P312010-BS1) Prepared & Analyzed: 09/20/23.1 80-120 - - Benzene 0.0976 0.00100 " 0.100 93.1 80-120 Ethylbenzene 0.0956 0.00100 " 0.100 93.1 80-120 Skylene (pin) 0.191 0.00200 " 0.200 95.5 80-120 Skylene (pin) 0.191 0.00200 " 0.200 95.7 80-120 Skylene (pin) 0.191 0.0000 " 0.100 84.4 80-120 Skylene (pin) 0.184 0.0010 " 0.120 97.1 80-120 Skylene (pin) 0.100 94.1 0.000 1.00 94.1 80-120 Skylene (pin) 0.186 0.00100 " 0.100 94.1 80-120	Xylene (p/m)	ND	0.00200	"							
minogram 0.11 0.12 0.00 0.000 0.000 0.000 0.000 0.000 9.0 0.000 0.000 9.0 0.000<	Xylene (o)	ND	0.00100	"							
miningate propared 6.120 9.02 60-120 LCS (9212010-BS1) Prepared & Analyzed: 09/20/23 3 80-120 Benzene 0.0976 0.00100 "g/L 0.100 93.1 80-120 Ethylbenzene 0.0956 0.00100 " 0.100 95.6 80-120 Skylene (p/m) 0.191 0.00200 " 0.200 95.5 80-120 Skorogate: 4-Bromefluorobenzene 0.106 " 0.120 88.4 80-120 Skorogate: 4-Bromefluorobenzene 0.107 " 0.120 97.1 80-120 Skorogate: 1-A-Difluorobenzene 0.107 " 0.120 97.1 80-120 Skorogate: 1-A-Difluorobenzene 0.117 " 0.120 97.1 80-120 Skorogate: 1-A-Difluorobenzene 0.0902 0.0010 " 0.100 93.5 80-120 3.11 20 Skorogate: 1-A-Difluorobenzene 0.0935 0.00100 " 0.100 93.5 80-120 2.17 20 Skylene (p/m)	Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.8	80-120			
Banzne 0.0976 0.0010 mg/L 0.100 97.6 80-120 Foluene 0.0931 0.00100 " 0.100 93.1 80-120 Ethylbenzene 0.0956 0.0100 " 0.100 95.5 80-120 Kylene (p/m) 0.191 0.00200 " 0.200 95.5 80-120 Surrogate: 4-Bromofluorobenzene 0.106 " 0.120 84.4 80-120 Surrogate: 1.4-Difluorobenzene 0.117 " 0.120 84.4 80-120 LCS Dup (P312010-BSD1) Prepared: 09/20/23 Analyzed: 09/21/23 Solution 3.63 20 Sanzene 0.0992 0.00100 " 0.100 93.1 80-120 3.11 20 Ethylbenzene 0.0935 0.00100 " 0.100 93.5 80-120 2.17 20 Sylene (p/m) 0.186 0.00200 " 0.100 93.1 80-120 2.55 20 Surrogate: 1.4-Difluorobenzene 0.817 0.0100 " 0.100 81.7 80-120 2.55 20	Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			
Toluene 0.0931 0.00100 " 0.100 93.1 80-120 Ethylbenzene 0.0956 0.00100 " 0.100 95.5 80-120 Kylene (p/m) 0.191 0.00200 " 0.200 95.5 80-120 Surrogate: 4-Bromofluorobenzene 0.106 " 0.120 84.4 80-120 Surrogate: 1,4-Difluorobenzene 0.107 " 0.120 88.4 80-120 CLS Dup (P312010-BSD1) " 0.120 97.1 80-120 . Surrogate: 1,4-Difluorobenzene 0.0941 0.00100 mg/L 0.100 94.1 80-120 3.63 20 Surrogate: 1,4-Difluorobenzene 0.0902 0.00100 " 0.100 94.1 80-120 3.11 20 Shurogate: 1,4-Difluorobenzene 0.0902 0.0100 " 0.100 93.1 80-120 3.12 20 Skylene (o'n 0.186 0.00200 " 0.100 93.1 80-120 2.17 20 Skylene (o'n 0.187 0.0100 " 0.120 93.1	LCS (P3I2010-BS1)				Prepared &	Analyzed:	09/20/23				
Montent 6.0051 6.0010 * 0.100 9.5.1 80-120 Ethylbenzene 0.0956 0.00100 * 0.200 95.5 80-120 Kylene (p'm) 0.0844 0.00100 * 0.100 84.4 80-120 Surrogate: 1,4-Difluorobenzene 0.106 * 0.120 88.4 80-120 LCS Dup (P312010-BSD1) ************************************	Benzene	0.0976	0.00100	mg/L	0.100		97.6	80-120			
No. 0.191 0.0020 " 0.200 95.5 80-120 Kylene (o) 0.0844 0.0010 " 0.100 84.4 80-120 Surrogate: 4.Bromofluorobenzene 0.106 " 0.120 88.4 80-120 CLS Dup (P312010-BSD1) " 0.120 97.1 80-120	Toluene	0.0931	0.00100	"	0.100		93.1	80-120			
system (a) 0.171 0.0000 0.1200 9.1.3 80-120 Surrogate: 4-Bromofluorobenzene 0.106 " 0.120 88.4 80-120 Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 88.4 80-120 Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 97.1 80-120 Surrogate: 1,4-Difluorobenzene 0.0941 0.00100 mg/L 0.100 94.1 80-120 3.63 20 Senzene 0.0941 0.00100 mg/L 0.100 94.1 80-120 3.61 20 Stylene (p/m) 0.0902 0.00100 " 0.100 94.2 80-120 3.11 20 Stylene (p/m) 0.186 0.0020 " 0.100 93.5 80-120 2.55 20 Stylene (p/m) 0.186 0.0020 " 0.100 81.7 80-120 3.28 20 Stylene (p/m) 0.186 0.0200 " 0.120 97.2 80-120 3.28 20 Stylene (p/m) 0.1017 " 0.120 <	Ethylbenzene	0.0956	0.00100	"	0.100		95.6	80-120			
Surrogate: 4-Bromofiluorobenzene 0.106 " 0.120 88.4 80-120 Surrogate: 1,4-Difiluorobenzene 0.117 " 0.120 97.1 80-120 Surrogate: 1,4-Difiluorobenzene 0.0117 " 0.120 97.1 80-120 Surrogate: 1,4-Difiluorobenzene 0.0941 0.00100 mg/L 0.100 94.1 80-120 3.63 20 Senzene 0.0940 0.00100 mg/L 0.100 90.2 80-120 3.11 20 Surrogate: 4-Bromofiluorobenzene 0.0935 0.00100 " 0.100 93.5 80-120 3.11 20 Surrogate: 4-Bromofiluorobenzene 0.0935 0.00100 " 0.100 93.5 80-120 2.55 20 Surrogate: 4-Bromofiluorobenzene 0.117 " 0.120 92.1 80-120 3.28 20 Surrogate: 1.4-Difluorobenzene 0.117 " 0.120 97.2 80-120 3.18 20 Surrogate: 1.4-Difluorobenzene 0.0900 <t< td=""><td>Xylene (p/m)</td><td>0.191</td><td>0.00200</td><td>"</td><td>0.200</td><td></td><td>95.5</td><td>80-120</td><td></td><td></td><td></td></t<>	Xylene (p/m)	0.191	0.00200	"	0.200		95.5	80-120			
Marrogate: 1.10° 0.117 0.120 97.1 80-120 Surrogate: 1.4-Diffuorobenzene 0.117 " 0.120 97.1 80-120 LCS Dup (P312010-BSD1) Prepared: 0.9/20/23 Analyzed: 09/21/23 Banzene 0.0991 0.00100 mg/L 0.100 94.1 80-120 3.63 20 Sthrogate: 0.0902 0.00100 " 0.100 94.2 80-120 3.11 20 Sthrogate: 0.0902 0.00100 " 0.100 93.5 80-120 2.17 20 Sthrogate: 0.186 0.0200 " 0.100 93.1 80-120 2.55 20 Stylene (o) 0.0817 0.0100 " 0.100 81.7 80-120 2.8 20 Surrogate: 1.4-Difluorobenzene 0.117 " 0.120 92.1 80-120 2.8 20 Surrogate: 1.4-Difluorobenzene 0.117 " 0.120 92.1 80-120 2.8 20 Surrogate: 1.4-Difluorobenzene	Xylene (o)	0.0844	0.00100	"	0.100		84.4	80-120			
Prepared: 0.117 0.120 7.1 00-120 LCS Dup (P312010-BSD1) Prepared: 09/20/23 Analyzed: 09/21/23 Benzene 0.0941 0.00100 mg/L 0.100 94.1 80-120 3.63 20 Foluene 0.0902 0.00100 " 0.100 90.2 80-120 3.11 20 Ethylbenzene 0.0935 0.00100 " 0.100 93.5 80-120 2.17 20 Kylene (p/m) 0.186 0.00200 " 0.200 93.1 80-120 2.55 20 Surrogate: 4.Bromofluorobenzene 0.117 " 0.120 92.1 80-120 3.28 20 Surrogate: 1.4.Drifluorobenzene 0.117 " 0.120 92.1 80-120 2.55 20 Calibration Blank (P312010-CCB1) " 0.120 92.1 80-120 2.55 20 Senzene 0.0900 ug/1 " 1.20 97.2 80-120 2.55 20 Foluene 0.0500 " "	Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.4	80-120			
Barzene 0.0941 0.00100 mg/L 0.100 94.1 80-120 3.63 20 Foluene 0.0902 0.00100 " 0.100 90.2 80-120 3.11 20 Ethylbenzene 0.0935 0.00100 " 0.100 93.5 80-120 2.17 20 Kylene (p/m) 0.186 0.00200 " 0.200 93.1 80-120 2.55 20 Kylene (o) 0.0817 0.00100 " 0.100 81.7 80-120 3.28 20 Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 97.2 80-120 3.28 20 Calibration Blank (P312010-CCB1) " 0.120 97.2 80-120 - <	Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.1	80-120			
Toluene 0.0902 0.00100 " 0.100 90.2 80-120 3.11 20 Ethylbenzene 0.0935 0.00100 " 0.100 93.5 80-120 2.17 20 Kylene (p/m) 0.186 0.00200 " 0.200 93.1 80-120 2.55 20 Surrogate: 4.Bromofluorobenzene 0.110 " 0.100 81.7 80-120 3.28 20 Surrogate: 1.4-Difluorobenzene 0.117 " 0.120 92.1 80-120 3.28 20 Calibration Blank (P312010-CCB1) " 0.120 97.2 80-120 -	LCS Dup (P3I2010-BSD1)				Prepared: 0	9/20/23 Ar	alyzed: 09	/21/23			
Ethylbenzene 0.0935 0.00100 " 0.100 93.5 80-120 2.17 20 Kylene (p/m) 0.186 0.00200 " 0.200 93.1 80-120 2.55 20 Kylene (o) 0.0817 0.00100 " 0.100 81.7 80-120 3.28 20 Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 92.1 80-120 5.5 20 Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 92.1 80-120 5.5 20 Calibration Blank (P312010-CCB1) " 0.120 97.2 80-120 - <td>Benzene</td> <td>0.0941</td> <td>0.00100</td> <td>mg/L</td> <td>0.100</td> <td></td> <td>94.1</td> <td>80-120</td> <td>3.63</td> <td>20</td> <td></td>	Benzene	0.0941	0.00100	mg/L	0.100		94.1	80-120	3.63	20	
Any Holization 0.0000 0.0000 0.100 9.5.5 00-120 2.17 2.0 Kylene (p/m) 0.186 0.00200 " 0.200 93.1 80-120 2.55 20 Kylene (o) 0.0817 0.00100 " 0.100 81.7 80-120 3.28 20 Surrogate: 4-Bromofluorobenzene 0.110 " 0.120 92.1 80-120 5 5 5 5 5 20 Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 97.2 80-120 .	Toluene	0.0902	0.00100	"	0.100		90.2	80-120	3.11	20	
Xylene (o) 0.0817 0.00100 " 0.100 81.7 80-120 3.28 20 Surrogate: 4-Bromofluorobenzene 0.110 " 0.120 92.1 80-120 80-120 Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 97.2 80-120 80-120 Calibration Blank (P3I2010-CCB1) Prepared & Analyzed: 09/20/23 Benzene 0.0900 ug/l 1	Ethylbenzene	0.0935	0.00100	"	0.100		93.5	80-120	2.17	20	
Surrogate: 4-Bromofluorobenzene 0.110 " 0.120 92.1 80-120 Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 97.2 80-120 Calibration Blank (P3I2010-CCB1) Prepared & Analyzed: 09/20/23 Prepared & Analyzed: 09/20/23 Prepared & Analyzed: 09/20/23 Benzene 0.0900 ug/l Ug/l Ug/l Ug/l Ug/l Ug/l Foluene 0.0500 " Ug/l	Xylene (p/m)	0.186	0.00200	"	0.200		93.1	80-120	2.55	20	
Surrogate: 1.4-Difluorobenzene 0.110 0.120 92.1 00120 Surrogate: 1.4-Difluorobenzene 0.117 " 0.120 97.2 80-120 Calibration Blank (P3I2010-CCB1) Prepared & Analyzed: 09/20/23 Benzene 0.0900 ug/l Foluene 0.0500 " Ethylbenzene 0.0900 " Xylene (p/m) 0.100 " Surrogate: 4-Bromofluorobenzene 0.010 Surrogate: 4-Bromofluorobenzene 0.107	Xylene (o)	0.0817	0.00100	"	0.100		81.7	80-120	3.28	20	
Narrogate: 1,4-Dynatrobelizere 0.117 0.120 97.2 80-120 Calibration Blank (P312010-CCB1) Prepared & Analyzed: 09/20/23 Benzene 0.0900 ug/l Foluene 0.0500 " Ethylbenzene 0.0900 " Xylene (p/m) 0.100 " Surrogate: 4-Bromofluorobenzene 0.107 " Surrogate: 4-Bromofluorobenzene 89.4 80-120	Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.1	80-120			
Benzene 0.0900 ug/l Foluene 0.0500 " Ethylbenzene 0.0900 " Xylene (p/m) 0.100 " Xylene (o) 0.8800 " Surrogate: 4-Bromofluorobenzene 0.107 "	Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			
Foluene 0.0500 " Ethylbenzene 0.0900 " Xylene (p/m) 0.100 " Xylene (o) 0.0800 " Surrogate: 4-Bromofluorobenzene 0.107 " 0.120 89.4 80-120	Calibration Blank (P3I2010-CCB1)				Prepared &	Analyzed:	09/20/23				
Kylene (p/m) 0.0800 " Surrogate: 4-Bromofluorobenzene 0.107 " 0.120 89.4 80-120	Benzene	0.0900		ug/l							
Xylene (p/m) 0.100 " Xylene (o) 0.0800 " Surrogate: 4-Bromofluorobenzene 0.107 " 0.120 89.4 80-120	Toluene	0.0500		"							
Xylene (o) 0.0800 " Surrogate: 4-Bromofluorobenzene 0.107 " 0.120 89.4 80-120	Ethylbenzene	0.0900		"							
Surrogate: 4-Bromofluorobenzene 0.107 " 0.120 89.4 80-120	Xylene (p/m)	0.100		"							
$\frac{1}{2}$	Xylene (o)	0.0800		"							
Surrogate: 1,4-Difluorobenzene 0.116 " 0.120 96.5 80-120	Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.4	80-120			
	Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Plains-DCP Plant to Lea Station (DCP #2)	Project: Plains-DCP Plant to Lea Station (DCP #2	2)
13000 West County Road 100	Project Number: 17472	et Number: 17472	
Odessa TX, 79765	Project Manager: Joel Lowry	Manager: Joel Lowry	

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 P3I2010 - *** DEFAULT PREP ***										
Calibration Blank (P3I2010-CCB2)				Prepared: (9/20/23 Ar	nalyzed: 09	/21/23			
Benzene	0.130		ug/l							
Toluene	0.100		"							
Ethylbenzene	0.0500		"							
Xylene (p/m)	0.0800		"							
Xylene (o)	0.100		"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.5	80-120			
Calibration Check (P3I2010-CCV1)				Prepared &	Analyzed:	09/20/23				
Benzene	0.0897	0.00100	mg/L	0.100		89.7	80-120			
Toluene	0.0933	0.00100	"	0.100		93.3	80-120			
Ethylbenzene	0.0956	0.00100	"	0.100		95.6	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		99.9	80-120			
Xylene (o)	0.0912	0.00100	"	0.100		91.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			
Calibration Check (P3I2010-CCV2)				Prepared: 0	9/20/23 Ar	nalyzed: 09	/21/23			
Benzene	0.0881	0.00100	mg/L	0.100		88.1	80-120			
Toluene	0.0941	0.00100	"	0.100		94.1	80-120			
Ethylbenzene	0.0974	0.00100	"	0.100		97.4	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0931	0.00100	"	0.100		93.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.4	80-120			
Calibration Check (P3I2010-CCV3)				Prepared: (9/20/23 Ar	nalyzed: 09	/21/23			
Benzene	0.0894	0.00100	mg/L	0.100		89.4	80-120			
Toluene	0.0943	0.00100	"	0.100		94.3	80-120			
Ethylbenzene	0.0978	0.00100	"	0.100		97.8	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0924	0.00100	"	0.100		92.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.116									

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Permian Basin Environmental Lab, L.P.

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

Batch P3I2010 - *** DEFAULT PREP ***

Matrix Spike (P3I2010-MS1)	Sour	ce: 3I15006-0)1	Prepared: 0	9/20/23 A	nalyzed: 09	9/21/23			
Benzene	0.0991	0.00100	mg/L	0.100	ND	99.1	80-120			
Toluene	0.0910	0.00100	"	0.100	ND	91.0	80-120			
Ethylbenzene	0.0932	0.00100	"	0.100	ND	93.2	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200	ND	91.1	80-120			
Xylene (o)	0.0792	0.00100	"	0.100	ND	79.2	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.100		"	0.120		83.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			
Matrix Spike Dup (P3I2010-MSD1)	Sour	·ce: 3I15006-()1	Prepared: 0	9/20/23 A	nalyzed: 09	9/21/23			
Benzene	0.0913	0.00100	mg/L	0.100	ND	91.3	80-120	8.21	20	
Toluene	0.0865	0.00100	"	0.100	ND	86.5	80-120	5.00	20	
Ethylbenzene	0.0887	0.00100	"	0.100	ND	88.7	80-120	4.97	20	
Xylene (p/m)	0.175	0.00200	"	0.200	ND	87.7	80-120	3.81	20	
Xylene (o)	0.0759	0.00100	"	0.100	ND	75.9	80-120	4.32	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		85.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Plains-DCP Plant to Lea Station (DCP #2)
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

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.

pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.

- NPBEL C(Chain of Custody was not generated at PBELAB
- 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: 9/21/2023

Brent Barron, Laboratory Director/Technical Director

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non Barron

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Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]Project:Plains-DCP Plant to Lea Station (DCP #2)13000 West County Road 100Project Number:17472Odessa TX, 79765Project Manager:Joel Lowry

Permian Basin Environmental Lab, L.P.

Page 100 of 222	BELA	B CHAIN OF C	USTOL	DY R	ECORD AND	ANALYSISI	REQUEST Permian Bas 1400 Rankir Midland, Te	Hwy *	>	ai Lab, L		oject I	Name:			: 432-68 o Lea S			# 2	Page 15 of 15
	Company Name	Plains All American Pip	eline, l	P.						1		Pro	ect #:	17472	2					
	Company Address:	1106 Griffith Drive										Projec	t Loc:	Lea Co	ounty, N	M				
	City/State/Zip:	Midland, TX 79706				1	jan mereta						PO #:	2009-0)39					
	Telephone No:	575-31811	735	1		Fax No:	1 1				Repo	rt Form	nat:	X Sta	andard		TRRP		NPDES	5
	Sampler Signature	Miguel Ramirez				e-mail:	pm@ete	cheny.co	om											
(lab use			*									F	T	П	Analy	yze For:			- ≘	
ORDE		3				44	Pre	servation & I	# of Con	tainers	Matrix	- 1							e call)	
LOGE N- LAB # (lab use only)	FI MW2 MW3 MW4 MW5 MW6 MW6 MW7 MW8	ELD CODE	Beginning Depth	Ending Depth	Date Sampled	00:0 60:7 60:01 60:11 60:11 60:51 60:51 60:51	C UN Containers	XXXX X HCI	NaOH Na2S203	None 1L Poly NaOH/ZnAc	C C C C C C C C C C C C C C C C C C C	by TX 1005 8015	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA						Rush 24 48 72 (Please	lard
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PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

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

> Project: DCP #2 Project Number: 17472 Location: Rural Lea County, NM

Lab Order Number: 3I22003



Current Certification

Report Date: 09/26/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project: DCP #2
13000 West County Road 100	Project Number: 17472
Odessa TX, 79765	Project Manager: Joel Lowry

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1	3I22003-01	Water	09/22/23 08:30	09-22-2023 12:08

E Tech Environmental & Safety Solutions, Inc. [1]	Project: DCP #2	
13000 West County Road 100	Project Number: 17472	
Odessa TX, 79765	Project Manager: Joel Lowry	

MW1

3I22003-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Pe	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
Organics by GC									
Benzene	0.165	0.00100	mg/L	1	P3I2207	09/22/23 13:22	09/23/23 11:51	EPA 8021B	
Toluene	0.0104	0.00100	mg/L	1	P3I2207	09/22/23 13:22	09/23/23 11:51	EPA 8021B	
Ethylbenzene	0.174	0.00100	mg/L	1	P3I2207	09/22/23 13:22	09/23/23 11:51	EPA 8021B	
Xylene (p/m)	0.140	0.00200	mg/L	1	P3I2207	09/22/23 13:22	09/23/23 11:51	EPA 8021B	
Xylene (o)	0.0446	0.00100	mg/L	1	P3I2207	09/22/23 13:22	09/23/23 11:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.3 %	80-120		P3I2207	09/22/23 13:22	09/23/23 11:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.5 %	80-120		P3I2207	09/22/23 13:22	09/23/23 11:51	EPA 8021B	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] Project: DCP #2
13000 West County Road 100 Project Number: 17472
Odessa TX, 79765 Project Manager: Joel Lowry

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P3I2207 - *** DEFAULT PREP ***										
Blank (P3I2207-BLK1)				Prepared: 0	9/22/23 Ar	nalyzed: 09	/23/23			
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			
LCS (P3I2207-BS1)				Prepared: (9/22/23 Ar	nalyzed: 09	/23/23			
Benzene	0.0959	0.00100	mg/L	0.100		95.9	80-120			
Toluene	0.0907	0.00100	"	0.100		90.7	80-120			
Ethylbenzene	0.0931	0.00100	"	0.100		93.1	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		92.0	80-120			
Xylene (o)	0.0807	0.00100	"	0.100		80.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		88.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	80-120			
LCS Dup (P3I2207-BSD1)				Prepared: (9/22/23 Ar	nalyzed: 09	/23/23			
Benzene	0.0904	0.00100	mg/L	0.100		90.4	80-120	5.84	20	
Toluene	0.0866	0.00100	"	0.100		86.6	80-120	4.56	20	
Ethylbenzene	0.0890	0.00100	"	0.100		89.0	80-120	4.44	20	
Xylene (p/m)	0.177	0.00200	"	0.200		88.7	80-120	3.61	20	
Xylene (o)	0.0800	0.00100		0.100		80.0	80-120	0.809	20	
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			
Calibration Blank (P3I2207-CCB1)				Prepared: (9/22/23 Ar	nalyzed: 09	/23/23			
Benzene	0.180		ug/l							
Toluene	0.150		"							
Ethylbenzene	0.0800		"							
Xylene (p/m)	0.160		"							
Xylene (o)	0.100									
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		89.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project: DCl	P #2
13000 West County Road 100	Project Number: 174	72
Odessa TX, 79765	Project Manager: Joel	l Lowry

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P3I2207 - *** DEFAULT PREP ***										
Calibration Blank (P3I2207-CCB2)				Prepared: 0	9/22/23 Ar	nalyzed: 09	/23/23			
Benzene	0.170		ug/l							
Toluene	0.160		"							
Ethylbenzene	0.140		"							
Xylene (p/m)	0.100		"							
Xylene (o)	0.220		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	80-120			
Calibration Check (P3I2207-CCV1)				Prepared: (9/22/23 Ar	nalyzed: 09	/23/23			
Benzene	0.0903	0.00100	mg/L	0.100		90.3	80-120			
Toluene	0.0953	0.00100	"	0.100		95.3	80-120			
Ethylbenzene	0.0993	0.00100	"	0.100		99.3	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0937	0.00100	"	0.100		93.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	80-120			
Calibration Check (P3I2207-CCV2)				Prepared: (9/22/23 Ar	nalyzed: 09	/23/23			
Benzene	0.0874	0.00100	mg/L	0.100		87.4	80-120			
Toluene	0.0914	0.00100	"	0.100		91.4	80-120			
Ethylbenzene	0.0947	0.00100	"	0.100		94.7	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		99.0	80-120			
Xylene (o)	0.0906	0.00100	"	0.100		90.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	80-120			
Calibration Check (P3I2207-CCV3)				Prepared: (9/22/23 Ar	nalyzed: 09	/23/23			
Benzene	0.0856	0.00100	mg/L	0.100		85.6	80-120			
Toluene	0.0900	0.00100	"	0.100		90.0	80-120			
Ethylbenzene	0.0928	0.00100	"	0.100		92.8	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.0	80-120			
Xylene (o)	0.0882	0.00100	"	0.100		88.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project: DCP #2	
13000 West County Road 100	Project Number: 17472	
Odessa TX, 79765	Project Manager: Joel Lowry	

Permian Basin Environmental Lab, L.P.

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

Batch P3I2207 - *** DEFAULT PREP ***

Matrix Spike (P3I2207-MS1)	Sour	ce: 3I21016-0)2	Prepared: 0	9/22/23 A	nalyzed: 09	9/23/23			
Benzene	0.0957	0.00100	mg/L	0.100	ND	95.7	80-120			
Toluene	0.0895	0.00100	"	0.100	ND	89.5	80-120			
Ethylbenzene	0.0909	0.00100	"	0.100	ND	90.9	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200	ND	89.4	80-120			
Xylene (o)	0.0778	0.00100	"	0.100	ND	77.8	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.7	80-120			
Matrix Spike Dup (P3I2207-MSD1)	Sour	rce: 3121016-0)2	Prepared: 0	9/22/23 A	nalyzed: 09	9/23/23			
Benzene	0.0939	0.00100	mg/L	0.100	ND	93.9	80-120	1.84	20	
Toluene	0.0877	0.00100	"	0.100	ND	87.7	80-120	2.03	20	
Ethylbenzene	0.0897	0.00100	"	0.100	ND	89.7	80-120	1.35	20	
Xylene (p/m)	0.177	0.00200	"	0.200	ND	88.5	80-120	0.956	20	
Xylene (o)	0.0769	0.00100	"	0.100	ND	76.9	80-120	1.15	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			

Permian Basin Environmental Lab, L.P.

1	E Tech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2
1	13000 West County Road 100	Project Number:	17472
	Odessa TX, 79765	Project Manager:	Joel Lowry

Notes and Definitions

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.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
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:

new Barror

9/26/2023

Brent Barron, Laboratory Director/Technical Director

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Permian Basin Environmental Lab, L.P.

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

Date:

	Project Manager: Jeel Lowry Company Name: ETech Environmental 3 safety Solutions Tac											HW as 7	1			Lab,	_	Pro	ject	Nai	Phone: 432-686-7235 ame: DCP#2									
	Company Name:	ETech Er	VITON	nunt	1	3 Safety	Solution	15	Z	AC	>						_		Pre	ojec	t #:	17	141	12						
	Company Address:					1		r			_						_	Ρ	roje	ct L	oc:	R	ina	11	la i	20.	N	111		
	City/State/Zip:	Hobbs N	IM 88	240													_			PC)#:	1	200	19.	03	19				
	Telephone No:	575.264	9884				Fax No	:											ort F	orm	nat:		Stand	lard	[TR	RP		NPD	DE
	Sampler Signature:	Mulher	-1				e-mai	l:	P	m	16	10:	te	ch	er	712	0	m												
b use	only)		0								0								F			TO	-	naly	ze Fo	or:			Д	, 72 h
RDE	R#: 31220	03								Г	Pres	ervati	on & :	# of (Contai	ners	N	Matrix	1			TCI								24, 48,
AB # (lab use only)				g Depth	epth	npled	mpled		Containers							scify)	inking Water SL=Sludge	ndwater S=Soil/Solid	K 1005 TX 1006	Aka	TEX 8021B/5030 or BTEX 8260									TAT (Pre-Schedule)
LAB # (lab	and a second	DCODE		Beginning Depth	Ending Depth	22/22/23	Time Sampled	Field Filtered	Total #. of C	8	HNO3	HCI	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None Other (Spe	DW=DI	S GW = Groundwater	TPH: TX 1005	Anions (Cl.	BTEX 8021									RUSH TA
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Page 109 of 222

December 19, 2023

Plains All American Pipeline - ETECH

Sample Delivery Group: Samples Received: Project Number: Description:

L1685885 12/08/2023 SRS #2009-039 DCP Plant to Lea Station 6" #2

Report To:

Kimble Thrash PO Box 62228 Midland, TX 79711

Entire Report Reviewed By:

Diell Spiatt

Danielle L Elliott Project Manager

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

Pace Analytical National

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PROJECT: SRS #2009-039

SDG: L1685885

DATE/TIME: 12/19/23 09:53

PAGE: 1 of 24

Ср Тс Ss Cn Ϋ́r Śr Qc GI AI Sc

TABLE OF CONTENTS

Page	110	of 222	
------	-----	--------	--

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	5
Tr: TRRP Summary	6
TRRP form R	7
TRRP form S	8
TRRP Exception Reports	9
Sr: Sample Results	10
MW-1 L1685885-01	10
MW-2 L1685885-02	11
MW-3 L1685885-03	12
MW-4 L1685885-04	13
MW-5 L1685885-05	14
MW-6 L1685885-06	15
MW-7 L1685885-07	16
DUP-1 L1685885-08	17
TRIP BLANK L1685885-09	18
MW-8 L1685885-10	19
Qc: Quality Control Summary	20
Volatile Organic Compounds (GC) by Method 8021B	20
GI: Glossary of Terms	22
Al: Accreditations & Locations	23
Sc: Sample Chain of Custody	24



PROJECT: SRS #2009-039

SDG: L1685885

DATE/TIME: 12/19/23 09:53 PAGE: 2 of 24 Received by OCD: 4/1/2024 1:36:12 PM

SAMPLE SUMMARY

Page 111 of 222

Ср

Tc

Ss

Cn

⁵Tr

Sr

Qc

GI

ΆI

¹⁰Sc

MW-1 L1685885-01 GW			Collected by	Collected date/time 12/06/23 12:00	Received da 12/08/23 08	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2187500	1	12/12/23 18:17	12/12/23 18:17	ADM	Mt. Juliet, TN
MW-2 L1685885-02 GW			Collected by	Collected date/time 12/06/23 09:40	Received da 12/08/23 08	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2187500	1	12/12/23 18:39	12/12/23 18:39	ADM	Mt. Juliet, TN
MW-3 L1685885-03 GW			Collected by	Collected date/time 12/06/23 10:40	Received da 12/08/23 08	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2187500	1	date/time 12/12/23 19:02	date/time 12/12/23 19:02	ADM	Mt. Juliet, TN
MW-4 L1685885-04 GW			Collected by	Collected date/time 12/05/23 14:10	Received da 12/08/23 08	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2187500	1	12/12/23 19:24	12/12/23 19:24	ADM	Mt. Juliet, TI
MW-5 L1685885-05 GW			Collected by	Collected date/time 12/05/23 16:00	Received da 12/08/23 08	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2189810	1	date/time 12/15/23 01:15	date/time 12/15/23 01:15	ADM	Mt. Juliet, Ti
MW-6 L1685885-06 GW			Collected by	Collected date/time 12/05/23 12:55	Received da 12/08/23 08	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2189810	1	12/15/23 01:38	12/15/23 01:38	ADM	Mt. Juliet, Tl
MW-7 L1685885-07 GW			Collected by	Collected date/time 12/05/23 12:00	Received da 12/08/23 08	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2189810	1	12/15/23 02:01	12/15/23 02:01	ADM	Mt. Juliet, TN
DUP-1 L1685885-08 GW			Collected by	Collected date/time 12/06/23 12:01	Received da 12/08/23 08	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2189810	1	12/15/23 02:23	12/15/23 02:23	ADM	Mt. Juliet, TN

PROJECT: SRS #2009-039 SDG: L1685885

12/19

PAGE: 3 of 24 Received by OCD: 4/1/2024 1:36:12 PM

SAMPLE SUMMARY

Page 112 of 222

Ср

Tc

Ss

Cn

⁵Tr

Sr

Qc

GI

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¹⁰Sc

TRIP BLANK L1685885-09 GW			Collected by	Collected date/time 12/06/23 00:00	Received da 12/08/23 08:	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2189810	1	12/14/23 19:36	12/14/23 19:36	ADM	Mt. Juliet, TN
MW-8 L1685885-10 GW			Collected by	Collected date/time 12/06/23 12:01	Received da 12/08/23 08:	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2189810	1	12/15/23 02:46	12/15/23 02:46	ADM	Mt. Juliet, TN

SDG: L1685885

D/ 12/1 PAGE: 4 of 24

CASE NARRATIVE

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

Buill Spicett

Danielle L Elliott Project Manager

SDG: L1685885 DATE/TIME:

PAGE: 5 of 24 This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
 - a. Items consistent with NELAC Chapter 5,
 - b. dilution factors,
 - c. preparation methods,
 - d. cleanup methods, and
 - e. if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
 - a. Calculated recovery (%R), and
 - b. The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
 - a. LCS spiking amounts,
 - b. Calculated %R for each analyte, and
 - c. The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
 - a. Samples associated with the MS/MSD clearly identified,
 - b. MS/MSD spiking amounts,
 - c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
 - d. Calculated %Rs and relative percent differences (RPDs), and
 - e. The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
 - a. The amount of analyte measured in the duplicate,
 - b. The calculated RPD, and
 - c. The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte
 - for each method and matrix.
- R10 Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

will S Mot

Danielle L Elliott Project Manager

Revised May 2010 Laboratory Review Checklist: Reportable Data

Labo	orato	ry Name: Pace Analytical National	LRC Date: 12/19/2023 09:53					
Proje	ect N	lame: DCP Plant to Lea Station 6" #2	Laboratory Job Number: L1685885-01, 02, 03, 04, 05	i, 06, 0	7, 08,	09 and	10	
Revie	ewe	r Name: Danielle L Elliott	Prep Batch Number(s): WG2187500 and WG2189810					
# ¹	A ²	Description		Yes	No	NA ³	NR ⁴	ER# ⁵
R1	OI	Chain-of-custody (C-O-C)						
		Did samples meet the laboratory's standard conditions	of sample acceptability upon receipt?	X				
		Were all departures from standard conditions describe	d in an exception report?			Х		
R2	OI	Sample and quality control (QC) identification						
		Are all field sample ID numbers cross-referenced to the	e laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the c	corresponding QC data?	X				
R3	OI	Test reports				•		•
		Were all samples prepared and analyzed within holding	g times?	X				
		Other than those results < MQL, were all other raw value	-	X				
		Were calculations checked by a peer or supervisor?		X				
		Were all analyte identifications checked by a peer or su	upervisor?	X				
		Were sample detection limits reported for all analytes r	•	X				
		Were all results for soil and sediment samples reported		X				
		Were % moisture (or solids) reported for all soil and sec		+	<u> </u>	X	1	1
		Were bulk soils/solids samples for volatile analysis extr	•			X	1	
		If required for the project, are TICs reported?			 	X		
R4	0	Surrogate recovery data		I		~		
K4	0	Were surrogates added prior to extraction?		X	1	1	1	1
		Were surrogate percent recoveries in all samples within	n the leberatory OC limits?	x				
							1	
R5	OI	Test reports/summary forms for blank samples			r	1	1	1
		Were appropriate type(s) of blanks analyzed?		X				
		Were blanks analyzed at the appropriate frequency?		X		-		
		Were method blanks taken through the entire analytica cleanup procedures?	Il process, including preparation and, if applicable,	X				
		Were blank concentrations < MQL?		Х				
R6	OI	Laboratory control samples (LCS):			_	_		
		Were all COCs included in the LCS?		X				
		Was each LCS taken through the entire analytical proce	edure, including prep and cleanup steps?	Х				
		Were LCSs analyzed at the required frequency?		X				
		Were LCS (and LCSD, if applicable) %Rs within the labo	oratory QC limits?	X				
		Does the detectability check sample data document th used to calculate the SDLs?	e laboratory's capability to detect the COCs at the MDL	x				
		Was the LCSD RPD within QC limits?		X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data	3				•	•
•		Were the project/method specified analytes included ir		1	1	Х	1	
		Were MS/MSD analyzed at the appropriate frequency?		1	1	Х		
		Were MS (and MSD, if applicable) %Rs within the labora				X		
		Were MS/MSD RPDs within laboratory QC limits?				X		
R8	OI	Analytical duplicate data		1				1
	-	Were appropriate analytical duplicates analyzed for ear	ch matrix?	1	1	X	1	
		Were analytical duplicates analyzed at the appropriate				X		
		Were RPDs or relative standard deviations within the la	· · · · · · · · · · · · · · · · · · ·			X		
R9	OI	Method quantitation limits (MQLs):		I			1	1
110	01	Are the MQLs for each method analyte included in the	laboratory data package?	X	1	Т	Т	1
		Do the MQLs correspond to the concentration of the lo		X				
		Are unadjusted MQLs and DCSs included in the laboration of the lab		Â	<u> </u>	+	-	
R10	OI	Other problems/anomalies		I ^	I		I	1
RIU	0	Are all known problems/anomalies/special conditions r	poted in this I PC and EP?	X	1	1	1	
		Was applicable and available technology used to lower				+	-	
		the sample results?		X				
		and methods associated with this laboratory data pack	-	Х				
should 2. O = 3. NA 4. NR	d be r = orga . = No = No	etained and made available upon request for the approp inic analyses; I = inorganic analyses (and general chemis t applicable; t reviewed;			dentifie	ed by th	ie letter	"S"

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D 12/

DATE/TIME: 12/19/23 09:53 **PAGE**: 7 of 24

Revised May 2010 Laboratory Review Checklist: Supporting Data

Lab	orato	ry Name: Pace Analytical National	LRC Date: 12/19/2023 09:53					
Proj	ect N	lame: DCP Plant to Lea Station 6" #2	Laboratory Job Number: L1685885-01, 02, 03, 04, 05	, 06, 0	7, 08, 0)9 and	10	
Rev	iewe	r Name: Danielle L Elliott	Prep Batch Number(s): WG2187500 and WG2189810					
# ¹	A ²	Description		Yes	No	NA ³	NR⁴	ER# ⁵
51	OI	Initial calibration (ICAL)						
		Were response factors and/or relative response factors f	or each analyte within QC limits?			Х		
		Were percent RSDs or correlation coefficient criteria met	•	X				
		Was the number of standards recommended in the meth	od used for all analytes?	X				
		Were all points generated between the lowest and highe		Х				
		Are ICAL data available for all instruments used?		Х				
		Has the initial calibration curve been verified using an ap	propriate second source standard?	X				
52	OI	Initial and continuing calibration verification (ICCV and CO	· ·	1	1	1		
_	0.	Was the CCV analyzed at the method-required frequency		X	1		1	<u> </u>
		Were percent differences for each analyte within the met	•	X				
		Was the ICAL curve verified for each analyte?		X				
		Was the absolute value of the analyte concentration in th	$rac{1}{2}$			Х		
3	0	Mass spectral tuning		I	I		I	I
5	0	Was the appropriate compound for the method used for	tuning?	r –	1	X	1	r –
						X		
54	0	Were ion abundance data within the method-required QC		I	I		I	
94	0	Internal standards (IS)	a directoria di O.C. lineite 2		1	1	1	1
_		Were IS area counts and retention times within the method	oa-requirea QC limits?	X	<u> </u>	I	I	
5	OI	Raw data (NELAC Section 5.5.10)			1	r –		r –
		Were the raw data (for example, chromatograms, spectra		X				
•		Were data associated with manual integrations flagged o	on the raw data?	X	I		I	
6	0	Dual column confirmation		1	1		1	
_		Did dual column confirmation results meet the method-re	equired QC?			Х		
57	0	Tentatively identified compounds (TICs)			1		1	
	-	If TICs were requested, were the mass spectra and TIC d	lata subject to appropriate checks?			Х		
58	1	Interference Check Sample (ICS) results		r —	1		r —	
		Were percent recoveries within method QC limits?				Х		
9	1	Serial dilutions, post digestion spikes, and method of star				-		-
		Were percent differences, recoveries, and the linearity w	ithin the QC limits specified in the method?			Х		
510	OI	Method detection limit (MDL) studies					-	
		Was a MDL study performed for each reported analyte?		X				
		Is the MDL either adjusted or supported by the analysis of	of DCSs?	X				
511	OI	Proficiency test reports						
		Was the laboratory's performance acceptable on the app	blicable proficiency tests or evaluation studies?	X				
512	OI	Standards documentation						
		Are all standards used in the analyses NIST-traceable or	obtained from other appropriate sources?	X				
513	OI	Compound/analyte identification procedures						
		Are the procedures for compound/analyte identification of	documented?	X				
514	OI	Demonstration of analyst competency (DOC)						
		Was DOC conducted consistent with NELAC Chapter 5?		X				
		Is documentation of the analyst's competency up-to-date	e and on file?	X				
515	OI	Verification/validation documentation for methods (NELA		•	•	•	•	
		Are all the methods used to generate the data document		X				
516	OI	Laboratory standard operating procedures (SOPs)	· · · · · · · · · · · · · · · · · · ·			•	•	•
		Are laboratory SOPs current and on file for each method	performed	X				
shoul 2. O 3. NA 1. NF	d be r = orga A = No R = No	ntified by the letter "R" must be included in the laboratory etained and made available upon request for the appropria nic analyses; I = inorganic analyses (and general chemistr t applicable; t reviewed; coeption Report identification number (an Exception Report	data package submitted in the TRRP-required report(s). ate retention period. y, when applicable);	ltems i	dentifie	d by the	e letter	"S"

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

PROJECT: SRS #2009-039 SDG: L1685885 DATE/TIME: 12/19/23 09:53

PAGE: 8 of 24

Revised May 2010 Laboratory Review Checklist: Exception Reports

Page 117 of 222

ER # ¹ D	escription						
Reviewer N	lame: Danielle L Elliott	Prep Batch Number(s): WG2187500 and WG2189810					
Project Nam	ne: DCP Plant to Lea Station 6" #2	Laboratory Job Number: L1685885-01, 02, 03, 04, 05, 06, 07, 08, 09 and 10					
Laboratory I	Name: Pace Analytical National	LRC Date: 12/19/2023 09:53					

The Exception Report intentionally left blank, there are no exceptions applied to this SDG.

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

NA = Not applicable;
 NR = Not reviewed;

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Collected date/time: 12/06/23 12:00

SAMPLE RESULTS - 01 L1685885

Volatile Organic Compounds (GC) by Method 8021B

Volatile Organic Comp	oounds (GC) by Methe	od 8021B						1
	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	— Cp
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2
Benzene	0.00274		0.000190	0.000500	0.000500	1	12/12/2023 18:17	WG2187500	Tc
Toluene	U		0.000412	0.00100	0.00100	1	12/12/2023 18:17	WG2187500	
Ethylbenzene	0.00331		0.000160	0.000500	0.000500	1	12/12/2023 18:17	WG2187500	³ C c
Total Xylene	0.00296		0.000510	0.00150	0.00150	1	12/12/2023 18:17	WG2187500	55
(S) a,a,a-Trifluorotoluene(PID)	98.8				79.0-125		12/12/2023 18:17	WG2187500	4

³ Ss
⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
[°] Gl
⁹ Al
10 Sc

SDG: L1685885

DATE/TIME: 12/19/23 09:53

PAGE: 10 of 24 Collected date/time: 12/06/23 09:40

SAMPLE RESULTS - 02 L1685885

Volatile Organic Compounds (GC) by Method 8021B

Volatile Organic Comp	bounds (GC	C) by Meth	od 8021B						1
	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2
Benzene	U		0.000190	0.000500	0.000500	1	12/12/2023 18:39	WG2187500	2
Toluene	U		0.000412	0.00100	0.00100	1	12/12/2023 18:39	WG2187500	L
Ethylbenzene	U		0.000160	0.000500	0.000500	1	12/12/2023 18:39	WG2187500	3
Total Xylene	U		0.000510	0.00150	0.00150	1	12/12/2023 18:39	WG2187500	
(S) a,a,a-Trifluorotoluene(PID)	101				79.0-125		12/12/2023 18:39	WG2187500	4

⁴ Cn
-
⁵Tr
⁶ Sr
⁷ Qc
[°] Gl
PAI
¹⁰ Sc

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PROJECT: SRS #2009-039

SDG: L1685885

DATE/TIME: 12/19/23 09:53

PAGE: 11 of 24 Collected date/time: 12/06/23 10:40

SAMPLE RESULTS - 03 L1685885

Volatile Organic Compounds (GC) by Method 8021B

Volatile Organic Comp	bounds (GC	C) by Meth	od 8021B						
	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		
Benzene	U		0.000190	0.000500	0.000500	1	12/12/2023 19:02	WG2187500	
Toluene	U		0.000412	0.00100	0.00100	1	12/12/2023 19:02	WG2187500	
Ethylbenzene	U		0.000160	0.000500	0.000500	1	12/12/2023 19:02	WG2187500	
Total Xylene	U		0.000510	0.00150	0.00150	1	12/12/2023 19:02	WG2187500	
(S) a,a,a-Trifluorotoluene(PID)	101				79.0-125		12/12/2023 19:02	WG2187500	

⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
[°] GI
⁹ Al
¹⁰ Sc

Released to Imaging: 07/37/2024 11:38:34 AM Plains All American Pipeline - ETECH

PROJECT: SRS #2009-039

SDG: L1685885

DATE/TIME: 12/19/23 09:53

PAGE: 12 of 24 Collected date/time: 12/05/23 14:10

SAMPLE RESULTS - 04 L1685885

Volatile Organic Compounds (GC) by Method 8021B

Volatile Organic Comp	bounds (GC) by Method 8021B								1
	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	— Cp
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2
Benzene	U		0.000190	0.000500	0.000500	1	12/12/2023 19:24	WG2187500	Tc
Toluene	U		0.000412	0.00100	0.00100	1	12/12/2023 19:24	WG2187500	
Ethylbenzene	U		0.000160	0.000500	0.000500	1	12/12/2023 19:24	WG2187500	³ C c
Total Xylene	U		0.000510	0.00150	0.00150	1	12/12/2023 19:24	WG2187500	55
(S) a,a,a-Trifluorotoluene(PID)	100				79.0-125		12/12/2023 19:24	WG2187500	4

°Ss
⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
°GI
⁹ Al
¹⁰ Sc

Released to Imaging: 07/37/2024 11:38:34 AM Plains All American Pipeline - ETECH

PROJECT: SRS #2009-039

SDG: L1685885

DATE/TIME: 12/19/23 09:53

PAGE: 13 of 24 Collected date/time: 12/05/23 16:00

SAMPLE RESULTS - 05 L1685885

Volatile Organic Compounds (GC) by Method 8021B

Volatile Organic Comp	bounds (GC) by Method 8021B								
	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2
Benzene	0.00627		0.000190	0.000500	0.000500	1	12/15/2023 01:15	WG2189810	Tc
Toluene	U		0.000412	0.00100	0.00100	1	12/15/2023 01:15	WG2189810	
Ethylbenzene	0.00145		0.000160	0.000500	0.000500	1	12/15/2023 01:15	WG2189810	³ C c
Total Xylene	U		0.000510	0.00150	0.00150	1	12/15/2023 01:15	WG2189810	55
(S) a,a,a-Trifluorotoluene(PID)	100				79.0-125		12/15/2023 01:15	WG2189810	4



SDG: L1685885

PAGE: 14 of 24 Collected date/time: 12/05/23 12:55

SAMPLE RESULTS - 06 L1685885

Volatile Organic Compounds (GC) by Method 8021B

Volatile Organic Comp	bounds (GC) by Method 8021B								1
	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2
Benzene	U		0.000190	0.000500	0.000500	1	12/15/2023 01:38	WG2189810	² T
Toluene	U		0.000412	0.00100	0.00100	1	12/15/2023 01:38	WG2189810	
Ethylbenzene	U		0.000160	0.000500	0.000500	1	12/15/2023 01:38	WG2189810	³ C
Total Xylene	U		0.000510	0.00150	0.00150	1	12/15/2023 01:38	WG2189810	
(S) a,a,a-Trifluorotoluene(PID)	102				79.0-125		12/15/2023 01:38	WG2189810	4

55
⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
⁸ Gl
9
ÅI
¹⁰ Sc

SDG: L1685885

DATE/TIME: 12/19/23 09:53

PAGE: 15 of 24 Collected date/time: 12/05/23 12:00

SAMPLE RESULTS - 07

Volatile Organic Compounds (GC) by Method 8021B

	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2
Benzene	U		0.000190	0.000500	0.000500	1	12/15/2023 02:01	WG2189810	Tc
Toluene	U		0.000412	0.00100	0.00100	1	12/15/2023 02:01	WG2189810	
Ethylbenzene	U		0.000160	0.000500	0.000500	1	12/15/2023 02:01	WG2189810	³ S c
Total Xylene	U		0.000510	0.00150	0.00150	1	12/15/2023 02:01	WG2189810	55
(S) a,a,a-Trifluorotoluene(PID)	102				79.0-125		12/15/2023 02:01	WG2189810	4

³ Ss
⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
[°] GI
⁹ Al
¹⁰ Sc

SDG: L1685885

SAMPLE RESULTS - 08 L1685885

Volatile Organic Compounds (GC) by Method 8021B

Volatile Organic Comp	oounds (GC) by Meth	od 8021B						1
	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2
Benzene	0.00538		0.000190	0.000500	0.000500	1	12/15/2023 02:23	WG2189810	Ťc
Toluene	U		0.000412	0.00100	0.00100	1	12/15/2023 02:23	WG2189810	
Ethylbenzene	0.00609		0.000160	0.000500	0.000500	1	12/15/2023 02:23	WG2189810	³ S c
Total Xylene	0.00484		0.000510	0.00150	0.00150	1	12/15/2023 02:23	WG2189810	53
(S) a,a,a-Trifluorotoluene(PID)	100				79.0-125		12/15/2023 02:23	WG2189810	4

55
⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
[°] Gl
⁹ Al
¹⁰ Sc

SDG: L1685885

PAGE: 17 of 24

SAMPLE RESULTS - 09

Volatile Organic Compounds (GC) by Method 8021B

	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2
Benzene	U		0.000190	0.000500	0.000500	1	12/14/2023 19:36	WG2189810	Tc
Toluene	U		0.000412	0.00100	0.00100	1	12/14/2023 19:36	WG2189810	
Ethylbenzene	U		0.000160	0.000500	0.000500	1	12/14/2023 19:36	WG2189810	³ S c
Total Xylene	U		0.000510	0.00150	0.00150	1	12/14/2023 19:36	WG2189810	55
(S) a,a,a-Trifluorotoluene(PID)	101				79.0-125		12/14/2023 19:36	WG2189810	4

³ Ss
⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
⁸ Gl
⁹ Al
¹⁰ Sc

SDG: L1685885

DATE/TIME: 12/19/23 09:53

PAGE: 18 of 24 Collected date/time: 12/06/23 12:01

SAMPLE RESULTS - 10 L1685885

Volatile Organic Compounds (GC) by Method 8021B

Volatile Organic Compounds (GC) by Method 8021B										
	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch	Ср	
Analyte	mg/l		mg/l	mg/l	mg/l		date / time		2	
Benzene	U		0.000190	0.000500	0.000500	1	12/15/2023 02:46	WG2189810	Tc	
Toluene	U		0.000412	0.00100	0.00100	1	12/15/2023 02:46	WG2189810		
Ethylbenzene	U		0.000160	0.000500	0.000500	1	12/15/2023 02:46	WG2189810	³ S c	
Total Xylene	U		0.000510	0.00150	0.00150	1	12/15/2023 02:46	WG2189810	03	
(S) a,a,a-Trifluorotoluene(PID)	101				79.0-125		12/15/2023 02:46	WG2189810	4	

³ Ss
⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
[°] Gl
⁹ Al
¹⁰ Sc

SDG: L1685885

DATE/TIME: 12/19/23 09:53

PAGE: 19 of 24 Volatile Organic Compounds (GC) by Method 8021B

QUALITY CONTROL SUMMARY

Page 128 of 222

Method Blank (MB)

(MB) R4012008-3 12/12/2	23 12:59			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	101			79.0-125

Laboratory Control Sample (LCS)

(LCS) R4012008-1 12/12/23 10:02

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Benzene	0.0500	0.0464	92.8	77.0-122	
Toluene	0.0500	0.0437	87.4	80.0-121	
Ethylbenzene	0.0500	0.0487	97.4	80.0-123	
Total Xylene	0.150	0.142	94.7	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			100	79.0-125	

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SDG: L1685885 DATE/TIME: 12/19/23 09:53 PAGE: 20 of 24

Volatile Organic Compounds (GC) by Method 8021B

QUALITY CONTROL SUMMARY

Page 129 of 222

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Method Blank (MB)

(MB) R4013083-4 12/14/2	3 19:13				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	mg/l		mg/l	mg/l	
Benzene	U		0.000190	0.000500	
Toluene	U		0.000412	0.00100	
Ethylbenzene	U		0.000160	0.000500	
Total Xylene	U		0.000510	0.00150	
(S) a,a,a-Trifluorotoluene(PID)	101			79.0-125	

Laboratory Control Sample (LCS)

(LCS) R4013083-3 12/14/23 18:28

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	
Analyte	mg/l	mg/l	%	%		
Benzene	0.0500	0.0531	106	77.0-122		
Toluene	0.0500	0.0497	99.4	80.0-121		
Ethylbenzene	0.0500	0.0547	109	80.0-123		
Total Xylene	0.150	0.156	104	47.0-154		
(S) a,a,a-Trifluorotoluene(PID)			99.4	79.0-125		

SDG: L1685885 DATE/TIME: 12/19/23 09:53

PAGE: 21 of 24

GLOSSARY OF TERMS

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Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

PROJECT: SRS #2009-039 SDG: L1685885 DATE/TIME: 12/19/23 09:53 PAGE: 22 of 24

Received by OCD: 4/1/2024 1:36:12 PMACCREDITATIONS & LOCATIONS

Page 13	10	f 2	22
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Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
lorida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
daho	TN00003	Ohio-VAP	CL0069
llinois	200008	Oklahoma	9915
ndiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Centucky ²	16	South Dakota	n/a
ouisiana	AI30792	Tennessee ¹⁴	2006
ouisiana	LA018	Texas	T104704245-20-18
laine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
/lichigan	9958	Virginia	110033
/innesota	047-999-395	Washington	C847
Aississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234

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

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

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

SDG: L1685885 DATE/TIME: 12/19/23 09:53 PAGE: 23 of 24 *Received by OCD: 4/1/2024 1:36:12 PM*

Company Name/Address:	Billing Information:					Analysis / Container / Preservative								Chain of Custody Page of			
Plains All American Pipe PO Box 62228	ipeline - ETECH 333 Clay : Suite 160				Pres Chk				24					P	ace [.]		
Vidland, TX 79711			Houston, TX 77002				1								I PEOP	LE ADVANCING SCIENCE	
Report to: Kimble Thrash			Email To: ki	mble@etechenv.c	om					11.1					12065 Lebanon Rd N	ULIET, TN Nount Juliet, TN 37122	
Project Description: DCP Plant to Lea Station 6" #2		City/State Collected:	EA CO	NA, YTAU	Please Ci PT MT C	rcle: T ET	00	6							Pace Terms and Cond	dgment and acceptance of th litions found at: .com/hubfs/pas-standard-	
4328949996	Client Project # SRS #2009-0			Lab Project # PLAINSETECH	-NM GW		80218	8021							SDG #	16848	
LINGLE THUASH	Site/Facility ID	1009-0	039	P.O. #			G	CI-BIK							120	16	
collected by (signature):	Rush? (La Same Da Next Day	ab MUST Be y Five (y 5 Day	Notified) Day (Rad Only)	Quote # Date Results	Needed	1	40mlAmb-HCl	40mlAmb-HCI-Blk							Template: T2 4 Prelogin: P1(PM: 3587 - Lo		
mmediately Packed on Ice N Y	Two Day Three Da	10 Da	ay (Rad Only)			No. of	(40m						-		PB:	edEX Ground	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	BTEX	BTEX		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			1		Remarks	Sample # (lab only	
W-1	G	GW	NA	12-6-23	1200	3	x			2.80						-01	
W-2	G	GW	NA	12-10-21	0940	3	x			1						-02	
W-3	G	GW	NA	12.6-12	1040	3	x		-	115-						-03	
IW-4	G	GW	NA	12-5-12	1410	3	x									-04	
W-5	G	GW	NA	12-5-23	1600	3	x			-		100				-05	
W-6	G	GW	NA	12.5.72	1255	3	x			1775		0.				-010	
W-7	G	GW	NA	12-5-23	1200	3	x			1			1			-m	
UP-1	G	GW	NIK	12-10-21	1201	3	x			1.						04	
RIP BLANK	0	GW	PIN	13	1000	2		x		and a			-			-00	
MW-8	G	GW	NA	12.5.29	1040	-	x			-						TD	
	1			X and 1xTrip Bla					pl		Temp		COC S	eal Pre igned/A	e Receipt C sent/Intact ccurate:	hecklist : _NP _Y _N _Y _N	
VW - WasteWater	amples returned v UPS FedEx			Trackin	B# T?	91	MA	Ege	FIC TO 1 03	59	Other	0	Corre Suffi	ct bott clent v	ve intact: les used: olume sent: <u>If Applicab</u> dspace:		
@inquished by : (Signature)	Dat 12		Time:		d by: (Signat	ure)	20	5	Trip B	lank Rece	7 4	NO CL/MEOH BR	Prese	rvation	Correct/Ch 0.5 mR/hr:		
elinquished by : (Signature)	Dat	te:	Time:		ed by: (Signat	ure)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2	Temp	+1-		s Received:	If pres	ervation	required by Lo	gin: Date/Time	
Relinquished by : (Signature)	Dat	te:	Time:	Receive	d for lab by	Signat	ure	2	Date:	10-	Time	- VU	Hold:			Condition: NCF / OK	

Appendix B Laboratory Analytical Reports (Air Emissions)

Received by OCD: 4/1/2024 1:36:12 PM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joel Lowry Etech Environmental & Safety Solutions PO BOX 62228 Midland, Texas 79711 Generated 3/10/2023 11:53:21 AM

JOB DESCRIPTION

DCP #2 SDG NUMBER Lea County NM

JOB NUMBER

860-44420-1

Eurofins Houston 4145 Greenbriar Dr Stafford TX 77477



Received by OCD: 4/1/2024 1:36:12 PM

Eurofins Houston

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

RAMER

Generated 3/10/2023 11:53:21 AM

Authorized for release by Jessica Kramer, Project Manager Jessica.Kramer@et.eurofinsus.com (432)704-5440

Eurofins Houston is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 860-44420-1 SDG: Lea County NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Method Summary	14
Sample Summary	15
Chain of Custody	16
Receipt Checklists	18

Definitions/Glossary

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2 Page 137 of 222

Job ID: 860-44420-1	
SDG: Lea County NM	2

Qualifiers

Qualifiers		3
GC/MS VOA Qualifier	Qualifier Description	4
H	Sample was prepped or analyzed beyond the specified holding time	
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.	5
U	Indicates the analyte was analyzed for but not detected.	3
Glossary		6
Abbreviation	These commonly used abbreviations may or may not be present in this report.	
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	
%R	Percent Recovery	
CFL	Contains Free Liquid	ŏ
CFU	Colony Forming Unit	
CNF	Contains No Free Liquid	9
DER	Duplicate Error Ratio (normalized absolute difference)	
Dil Fac	Dilution Factor	
DL	Detection Limit (DoD/DOE)	
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
DLC	Decision Level Concentration (Radiochemistry)	
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
TNTC	Too Numerous To Count	

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2

Job ID: 860-44420-1 SDG: Lea County NM

Job ID: 860-44420-1

Laboratory: Eurofins Houston

Narrative

Job Narrative 860-44420-1

Receipt

The sample was received on 3/4/2023 9:12 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 19.6°C

GC/MS VOA

Method 8260C_GRO: The following sample was analyzed outside of analytical holding time due to receiving sample out of holding time: EFF-1 (03323)) (860-44420-1).

Method 8260C GRO: The following sample was diluted to bring the concentration of target analytes within the calibration range: EFF-1 (03323)) (860-44420-1). Elevated reporting limits (RLs) are provided.

Method 8260C_GRO: The following sample was received outside of holding time: EFF-1 (03323)) (860-44420-1).

Method 8260C MOD: The following sample was analyzed outside of analytical holding time due to receiving sample outside of holding time: EFF-1 (03323)) (860-44420-1).

Method 8260C MOD: The following sample was received outside of holding time: EFF-1 (03323) (860-44420-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2

Client Sample ID: EFF-1 (03323))

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type	
Gasoline Range Organics	1370	H	61.1	30.6	ppm v/v	5	8260C GRO	Total/NA	4
Benzene	0.574	JH	3.13	0.313	ppm v/v	1	8260C	Total/NA	
Toluene	38.8	н	2.65	0.265	ppm v/v	1	8260C	Total/NA	5
Ethylbenzene	8.34	Н	2.30	0.230	ppm v/v	1	8260C	Total/NA	
m,p-Xylenes	18.1	н	4.61	0.461	ppm v/v	1	8260C	Total/NA	
o-Xylene	5.21	н	2.30	0.230	ppm v/v	1	8260C	Total/NA	
Xylenes, Total	23.3	Н	4.61	0.461	ppm v/v	1	8260C	Total/NA	

This Detection Summary does not include radiochemical test results.

Page 139 of 222

Job ID: 860-44420-1 SDG: Lea County NM

Matrix: Air

Job ID: 860-44420-1 SDG: Lea County NM

Lab Sample ID: 860-44420-1

Client Sample ID: EFF-1 (03323))

Client: Etech Environmental & Safety Solutions

Date Collected: 03/03/23 12:11

Project/Site: DCP #2

Date Received: 03/04/23 09:12 Sample Container: Tedlar Bag 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	1370	н	61.1	30.6	ppm v/v			03/07/23 16:03	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		60 - 140			-		03/07/23 16:03	5
- Method: SW846 8260C - Volati	e Organic Comp	ounds (GC	MS)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.574	JH	3.13	0.313	ppm v/v			03/07/23 15:40	1
Toluene	38.8	н	2.65	0.265	ppm v/v			03/07/23 15:40	1
Ethylbenzene	8.34	н	2.30	0.230	ppm v/v			03/07/23 15:40	1
m,p-Xylenes	18.1	Н	4.61	0.461	ppm v/v			03/07/23 15:40	1
o-Xylene	5.21	н	2.30	0.230	ppm v/v			03/07/23 15:40	1
Xylenes, Total	23.3	н	4.61	0.461	ppm v/v			03/07/23 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 135			-		03/07/23 15:40	1

Eurofins Houston

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2 Job ID: 860-44420-1 SDG: Lea County NM

Prep Type: Total/NA

Page 141 of 222

Method: 8260C - Volatile Organic Compounds (GCMS)

Matrix: Air

_			Percent Surrogate Recovery (Acceptance Limits)	
		BFB		
Lab Sample ID	Client Sample ID	(70-135)		5
860-44420-1	EFF-1 (03323))	107		
LCS 860-92970/3	Lab Control Sample	106		
LCSD 860-92970/4	Lab Control Sample Dup	107		
MB 860-92970/6	Method Blank	103		7
Surrogate Legend				

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260C GRO - Volatile Organic Compounds (GC/MS) Matrix: Air

Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)	
		BFB		
Lab Sample ID	Client Sample ID	(60-140)		
860-44420-1	EFF-1 (03323))	98		
LCS 860-92971/4	Lab Control Sample	104		
LCSD 860-92971/5	Lab Control Sample Dup	94		
MB 860-92971/7	Method Blank	98		
Surrogate Legend				
BFB = 4-Bromofluorob	enzene (Surr)			
-				

QC Sample Results

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2

Method: 8260C - Volatile Organic Compounds (GCMS)

Lab Sample ID: MB 860-92970/6 Matrix: Air Analysis Batch: 92970						Client Sa	ample ID: Metho Prep Type: 1		
	MB	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.313	U	3.13	0.313	ppm v/v			03/07/23 14:08	1
Toluene	<0.265	U	2.65	0.265	ppm v/v			03/07/23 14:08	1
Ethylbenzene	<0.230	U	2.30	0.230	ppm v/v			03/07/23 14:08	1
m,p-Xylenes	<0.461	U	4.61	0.461	ppm v/v			03/07/23 14:08	1
o-Xylene	<0.230	U	2.30	0.230	ppm v/v			03/07/23 14:08	1
Xylenes, Total	<0.461	U	4.61	0.461	ppm v/v			03/07/23 14:08	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 135			-		03/07/23 14:08	1

Lab Sample ID: LCS 860-92970/3 Matrix: Air Analysis Batch: 92970

-	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	15.7	13.43		ppm v/v		86	70 - 125	
Toluene	13.3	11.66		ppm v/v		88	70 - 125	
Ethylbenzene	11.5	9.914		ppm v/v		86	70 - 125	
m,p-Xylenes	11.5	9.991		ppm v/v		87	70 - 125	
o-Xylene	11.5	9.784		ppm v/v		85	70 - 125	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 _ 135

Lab Sample ID: LCSD 860-92970/4 Matrix: Air Analysis Batch: 92970

Surrogate

4-Bromofluorobenzene (Surr)

· · ·	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	15.7	14.12		ppm v/v		90	70 - 125	5	35
Toluene	13.3	11.81		ppm v/v		89	70 - 125	1	35
Ethylbenzene	11.5	9.920		ppm v/v		86	70 - 125	0	35
m,p-Xylenes	11.5	9.958		ppm v/v		86	70 - 125	0	35
o-Xylene	11.5	9.737		ppm v/v		85	70 - 125	0	35
LCSD LCSD									

Limits

70 - 135

Ī	Method: 8260C GRO - Volatile Organic Compounds	(GC/MS)	

%Recovery Qualifier

107

Lab Sample ID: MB 860-92971/7 Matrix: Air Analysis Batch: 92971						Client S	ample ID: Metho Prep Type: `	
	MB MB							
Analyte Re	sult Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics <	6.11 U	12.2	6.11	ppm v/v			03/07/23 14:08	1

Job ID: 860-44420-1 SDG: Lea County NM

5 8

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Client Sample ID: Lab Control Sample Prep Type: Total/NA Matrix: Air

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2

Method: 8260C GF

Method: 8260C GRO - Volati	le Organi	ic compou			unueu)					
Lab Sample ID: MB 860-92971/7								Client S	Sample ID: Method Blank	
Matrix: Air									Prep Type: Total/NA	
Analysis Batch: 92971										
		MB MB								5
Surrogate	%Reco	overy Qualifier	Limits				P	repared	Analyzed Dil Fac	
4-Bromofluorobenzene (Surr)		98	60 - 140						03/07/23 14:08 1	
_ Lab Sample ID: LCS 860-92971/4	ļ.						Client	t Sample	e ID: Lab Control Sample	
Matrix: Air									Prep Type: Total/NA	
Analysis Batch: 92971										8
			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics			122	114.7		ppm v/v		94	60 - 140	
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		60 - 140							
_ Lab Sample ID: LCSD 860-92971	/5					Clie	nt San	nole ID:	Lab Control Sample Dup	
						one				

Prep Type: Total/NA

Analysis Batch: 92971												
			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics			122	104.9		ppm v/v		86	60 - 140	9	35	
	LCSD	1050										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	94		60 - 140									

Job ID: 860-44420-1 SDG: Lea County NM

QC Association Summary

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2

GC/MS VOA

Analysis Batch: 92970

GC/MS VOA					
Analysis Batch: 92970)				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-44420-1	EFF-1 (03323))	Total/NA	Air	8260C	
MB 860-92970/6	Method Blank	Total/NA	Air	8260C	
LCS 860-92970/3	Lab Control Sample	Total/NA	Air	8260C	
LCSD 860-92970/4	Lab Control Sample Dup	Total/NA	Air	8260C	
Analysis Batch: 92971	1				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-44420-1	EFF-1 (03323))	Total/NA	Air	8260C GRO	
MB 860-92971/7	Method Blank	Total/NA	Air	8260C GRO	
LCS 860-92971/4	Lab Control Sample	Total/NA	Air	8260C GRO	
LCSD 860-92971/5	Lab Control Sample Dup	Total/NA	Air	8260C GRO	

Page 144 of 222

Job ID: 860-44420-1 SDG: Lea County NM

Eurofins Houston

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Matrix: Air

Job ID: 860-44420-1 SDG: Lea County NM

Client Sample ID: EFF-1 (03323)) Date Collected: 03/03/23 12:11 Date Received: 03/04/23 09:12

Client: Etech Environmental & Safety Solutions

	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260C		1	5 mL	5 mL	92970	03/07/23 15:40	JBS	EET HOU	
Total/NA	Analysis	8260C GRO		5	5 mL	5 mL	92971	03/07/23 16:03	JBS	EET HOU	
Laboratory Refe					10. 1000						
EET HOU = Euro	fins Houston, 4145	Greenbriar Dr, Staffo	ora, IX //4//	, TEL (281)24	10-4200						

Laboratory References:

Project/Site: DCP #2

Eurofins Houston

Lab Sample ID: 860-44420-1

10

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2 Job ID: 860-44420-1 SDG: Lea County NM

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-22-48	06-30-23
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	P330-22-00025	03-02-23 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Page 146 of 222

Method Summary

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2

Job ID: 860-44420-1 SDG: Lea County NM

				-
Method	Method Description	Protocol	Laboratory	
8260C	Volatile Organic Compounds (GCMS)	SW846	EET HOU	-
8260C GRO	Volatile Organic Compounds (GC/MS)	SW846	EET HOU	
5030C	Collection/Prep Tedlar Bag (P&T)	SW846	EET HOU	

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Eurofins Houston

Sample Summary

Client: Etech Environmental & Safety Solutions Project/Site: DCP #2 Job ID: 860-44420-1 SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-44420-1	EFF-1 (03323))	Air	03/03/23 12:11	03/04/23 09:12

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Page 16 of 18

3/10/2023

a eurofins

Project Manager	Jo	e1 .	1 mul	4		Bill to: (if	differen	t)	C	Son'l	6	3040	4						W	ork Orde	m Page r Comments	
Company Name:				ion ment	<u>سا</u>	Compan			P	adas	AI	I An	eriza	. fi	Reline	Pro	gram:	UST/PS			wnfield: RR(
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City, State ZIP						City, Sta	te ZIP [.]									Rep	wrting:	Level II	🗌 Le	vel III 🗌 F		Level I
Phone:					Email:	Qne	0.0	feel	~ e/	10.0	. am					Dei	iverable	es: EDD	> □	ADa	PT 🛛 Other	
Project Name:	Dri	2 # 2	,		Turn	Around	-			-			1		YSIS RE	OUE	 sт				Preserva	tive Codes
Project Number	174	77			⊾/Routine	🗆 Rush		Pres. Code					Ī			T	1				None: NO	D! Water H ₂
Project Location:	100	Cou	to.	NM	Due Date:											+	+				Cool: Cool	MeOH Me
Sampler's Name: >0 #:	20	th Con	der		TAT starts the tab, if rec					ł											HCL. HC H ₂ S0 ₄ . H ₂	HNO3. HN NaOH Na
SAMPLE RECEN		Temp	~ .	Yes No	Wet Ice:	Yes		Parameters	3	\overline{S}											H ₃ PO ₄ . HP	THUGHT HA
Samples Received In		Yes	No	Thermomet	1. 2.0			Lam.	8021	015										ŀ	NaHSO4. NABI	5
Cooler Custody Seals	s:	Yes No	N/A	Correction I	actor			Ра	8 S	8											Na2S2O3. NaSC	э
Sample Custody Sea	ls;	Yes No	N/A	Temperatur	e Reading:			-										1			Zn Acetate+Na	OH: Zn
Total Containers:				Corrected T	emperature:			-	្រុភ្	D C								1			NaOH+Ascorbic	Acid: SAPC
Sample Iden	lificati	on	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	61	F											Sample (Comments
EFF-16	303	23]	A	3/3/23			G	1	X	X												
		_												-								
															_							
																					Temp: C/F:-0.2 Corrected Temp	196
Total 200.7 / 60 Sircle Method(s) ar		200.8 / 0 tal(s) to b			CRA 13PF					1						1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A			K Se		Na Sr TI Sn / 245 1 / 7470 /	

14

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Relinquished by (Signature)	Received by: (Signature)	Date/Time Relinquished by (Signature)	Received by: (Signature)	Date/Time
5-5-5		313/232122	Føder	
Fader	YCOS	3/4/23 09/2		
	/	6		

1

1

Received by OCD: 4/1/2024 1:36:12 PM

Job Number: 860-44420-1 SDG Number: Lea County NM

List Source: Eurofins Houston

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Login Number: 44420 List Number: 1 Creator: Rubio, Yuri

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No time on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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



Analytical Report

Prepared for:

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

> Project: DCP #2 Project Number: 17472 Location: Lea County, NM

Lab Order Number: 3E15004



Current Certification

Report Date: 05/26/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project: DCP #2
13000 West County Road 100	Project Number: 17472
Odessa TX, 79765	Project Manager: Joel Lowry

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFF-1 (051523)	3E15004-01	Air	05/15/23 08:30	05-15-2023 12:30

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

EFF-1 (051523)

3E15004-01 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
Organics by GC									
Benzene	0.314	0.500	ppmv	1	P3E2602	05/18/23 09:38	05/18/23 09:38	EPA 8021B	SUB-8, J
Toluene	5.75	0.500	ppmv	1	P3E2602	05/18/23 09:38	05/18/23 09:38	EPA 8021B	SUB-8
Ethylbenzene	3.37	0.500	ppmv	1	P3E2602	05/18/23 09:38	05/18/23 09:38	EPA 8021B	SUB-8
Xylene (p/m)	7.50	1.00	ppmv	1	P3E2602	05/18/23 09:38	05/18/23 09:38	EPA 8021B	SUB-8
Xylene (o)	3.02	0.500	ppmv	1	P3E2602	05/18/23 09:38	05/18/23 09:38	EPA 8021B	SUB-8

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: D	DCP #2
13000 West County Road 100	Project Number: 1	7472
Odessa TX, 79765	Project Manager: Jo	oel Lowry

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

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:	DCP #2
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

Notes and Definitions

SUB-8 Subcontract of analyte/analysis to A&B Labs Houston.

NPBEL C(Chain of Custody was not generated at PBELAB

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- 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

Sun Barron

Report Approved By:

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.

5/26/2023

Date:

Page 5 022	BBDDA Project Manager: Company Name Company Address: City/State/Zip:	Joel Lowry Etech Envir		-	REQUEST Permian Basin Environmental Lab, LP 1400 Rankin Hwy Midland, Texas 79701						Project Name: <u>Westandeleges</u> <u>DCP # 2</u> Project #: <u>Westandeleges</u> <u>DCP # 2</u> Project #: <u>Westandeleges</u> <u>DCP # 2</u> Project Loc: <u>30060000000000000000000000000000000000</u>								 ¥, ^	F Page 6 of 7							
•	Telephone No:	(575) 264-9	9884				Fax No:						-		Re	port l	Form	at:	x	Stan	dard	Ľ] _{TRF}	٩P		NPDE	s
	Sampler Signature	Joel Lowry	·	Å		· · · · · · · · · · · · · · · · · · ·	e-mail:		PM	@et	eche	env.c	xom	 <u>`</u>		- p											
(lab use ORDEI (Alu ase oul) (Alu ase oul)	R#: 3E15004	ELD CODE 5\\\$23)		The second secon	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers		oly		HOB	None 1L Poly NaOH/ZnAc	DW=Drinking Water SL=Sludge	Specify Other	X TPH by TX 1005 8015B 8015M	BTEX by 8021B								Rush 24 48 72 (Please call)	Ţ
pecia	l Instructions: Please email copy	of COC to an	nd results to P					•					4					Sa VC	mple)Cs F	Con ree c	ainer: of Hea	nents: s Intac dspac	it? e?			N N	en bla mann a
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	Company Name	PBEL																											
	Company Address	: <u>1400 Rank</u>	in HWY														Pr	oject	Loc										
	City/State/Zip:	Midland Te	exas 79701																PO #:										
	Telephone No:	432-661-47	184				Fax No:	-									Repo	rt Foi	mat:	XS	Stand	lard		ד 🗌	RRP	, I	N	NPDE	S
	Sampler Signature	: <u>N/A</u>					e-mail:	<u> </u>	bren	ntbar	ron	@pbe	elab	.com				F				Δn	alyze	For:					
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ORDER	#:									Pı	reser	vation	n & #	t of Co	ntaine	rs	Matri	x											
LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	ICE	HNO _{3 250 poly 1}	HCI 3 40mL VOA		NaUH /Ascordic Acid 25UMIL P Na,S,O3	NONE	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	8260B PPM									24 HOUR	24 HOUR STANDARD
	38	E15006-01				5/15/2021			2			Х					W	2	(Х
	38	E15006-02				5/15/2021			2			x					W		(\square	\downarrow	∔	
		E15006-03				5/15/2021			2		-	X			_		W		(++	+	╇	+
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SPECIAL	INSTRUCTIONS:																		Sar	oorato nple C	ontai	ners l	ntact				Y	N	
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Relinqui	shed by:		Date	Ti	me	Received by:										Dat	e	Tim	Re		ourier? ture U :)	UPS Recei	D	HL	FedE	x Lo	one St	
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Received by OCD: 4/1/2024 1:36:12 PM



Page 159 of 222

Plains All American Pipeline - ETECH

June 07, 2023

L1622525

06/03/2023

Sample Delivery Group: Samples Received:

Project Number:

Description:

Tedlars, New Mexico Samples

Report To:

Joel Lowery PO Box 62228 Midland, TX 79711

Entire Report Reviewed By:

Lori A Vahrenkamp Project Manager

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

Pace Analytical National

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

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PROJECT:

SDG: L1622525 DATE/TIME.

06/07/23 14:01

PAGE: 1 of 13

Ср Тс Ss Cn Ϋ́r Śr Qc GI AI Sc

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Tr: TRRP Summary	5
TRRP form R	6
TRRP form S	7
TRRP Exception Reports	8
Sr: Sample Results	9
EFF-1(060223) L1622525-01	9
Qc: Quality Control Summary	10
Volatile Organic Compounds (MS) by Method TO-15	10
GI: Glossary of Terms	11
Al: Accreditations & Locations	12
Sc: Sample Chain of Custody	13

Ср
² Tc
³ Ss
⁴ Cn
⁵Tr
⁶ Sr
⁷ Qc
⁸ Gl
PAI
¹⁰ Sc

1

Released to Imaging: 07/37/2024 11:38:34 AM Plains All American Pipeline - ETECH

PROJECT:

SDG: L1622525

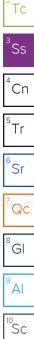
DATE/TIME: 06/07/23 14:01

PAGE: 2 of 13 Received by OCD: 4/1/2024 1:36:12 PM

SAMPLE SUMMARY

Page 161 of 222

			Collected by	Collected date/time	Received date/	'time	
EFF-1(060223) L1622525-01 Air				06/02/23 09:15	06/03/23 09:0	0	1
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	· L
			date/time	date/time			2,
Volatile Organic Compounds (MS) by Method TO-15	WG2072009	2000	06/06/23 06:18	06/06/23 06:18	DBB	Mt. Juliet, TN	



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PROJECT:

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DATE/TIME: 06/07/23 14:01

PAGE: 3 of 13

CASE NARRATIVE

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

Lori A Vahrenkamp Project Manager

Sample Delivery Group (SDG) Narrative

Sample received in tedlar bag

Lab Sample ID

Project Sample ID EFF-1(060223) Method TO-15



This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
 - a. Items consistent with NELAC Chapter 5,
 - b. dilution factors,
 - c. preparation methods,
 - d. cleanup methods, and
 - e. if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
 - a. Calculated recovery (%R), and
 - b. The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
 - a. LCS spiking amounts,
 - b. Calculated %R for each analyte, and
 - c. The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
 - a. Samples associated with the MS/MSD clearly identified,
 - b. MS/MSD spiking amounts,
 - c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
 - d. Calculated %Rs and relative percent differences (RPDs), and
 - e. The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
 - a. The amount of analyte measured in the duplicate,
 - b. The calculated RPD, and
 - c. The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte

for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Lori A Vahrenkamp Project Manager

Laboratory Name: Pace Analytical National LRC Date: 06/07/2023 14:01 Project Name: Tedlars, New Mexico Samples Laboratory Job Number: L1622525-01 Reviewer Name: Lori A Vahrenkamp Prep Batch Number(s): WG2072009 #1 ER#⁵ NA³ NR⁴ A² Description Yes No R1 OI Chain-of-custody (C-O-C) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt? Х Х Were all departures from standard conditions described in an exception report? R2 OI Sample and quality control (QC) identification Х Are all field sample ID numbers cross-referenced to the laboratory ID numbers? Are all laboratory ID numbers cross-referenced to the corresponding QC data? Х R3 OI Test reports Were all samples prepared and analyzed within holding times? х Other than those results < MQL, were all other raw values bracketed by calibration standards? Х Were calculations checked by a peer or supervisor? Х Х Were all analyte identifications checked by a peer or supervisor? Were sample detection limits reported for all analytes not detected? Х Were all results for soil and sediment samples reported on a dry weight basis? Х Were % moisture (or solids) reported for all soil and sediment samples? Х Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035? Х If required for the project, are TICs reported? х R4 0 Surrogate recovery data Were surrogates added prior to extraction? Х Were surrogate percent recoveries in all samples within the laboratory QC limits? Х R5 OI Test reports/summary forms for blank samples Х Were appropriate type(s) of blanks analyzed? Х Were blanks analyzed at the appropriate frequency? Were method blanks taken through the entire analytical process, including preparation and, if applicable, Х cleanup procedures? Were blank concentrations < MQL? Х OI R6 Laboratory control samples (LCS): Were all COCs included in the LCS? Х Was each LCS taken through the entire analytical procedure, including prep and cleanup steps? Х Х Were LCSs analyzed at the required frequency? Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits? Х Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL Х used to calculate the SDLs? Was the LCSD RPD within QC limits? Х R7 OI Matrix spike (MS) and matrix spike duplicate (MSD) data Were the project/method specified analytes included in the MS and MSD? Х Х Were MS/MSD analyzed at the appropriate frequency? Х Were MS (and MSD, if applicable) %Rs within the laboratory QC limits? Were MS/MSD RPDs within laboratory QC limits? Х R8 OI Analytical duplicate data Were appropriate analytical duplicates analyzed for each matrix? Х Х Were analytical duplicates analyzed at the appropriate frequency? Х Were RPDs or relative standard deviations within the laboratory QC limits? R9 OI Method quantitation limits (MQLs): Are the MQLs for each method analyte included in the laboratory data package? Х Do the MQLs correspond to the concentration of the lowest non-zero calibration standard? Х Are unadjusted MQLs and DCSs included in the laboratory data package? Х R10 OI Other problems/anomalies Х Are all known problems/anomalies/special conditions noted in this LRC and ER? Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on Х the sample results? Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices Х and methods associated with this laboratory data package? 1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable); 2. 3. NA = Not applicable; 4. NR = Not reviewed;

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Lab	orato	ry Name: Pace Analytical National	LRC Date: 06/07/2023 14:01					
Proj	ject N	lame: Tedlars, New Mexico Samples	Laboratory Job Number: L1622525-01					
Rev	iewe	^r Name: Lori A Vahrenkamp	Prep Batch Number(s): WG2072009					
ť1	A ²	Description		Yes	No	NA ³	NR⁴	ER#
51	OI	Initial calibration (ICAL)		•			•	
		Were response factors and/or relative response factors	for each analyte within QC limits?	X	1		Ι	1
		Were percent RSDs or correlation coefficient criteria me	•	X				
		Was the number of standards recommended in the met	hod used for all analytes?	X				
		Were all points generated between the lowest and high	est standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?		X				
		Has the initial calibration curve been verified using an a	ppropriate second source standard?	X				
2	OI	Initial and continuing calibration verification (ICCV and C	· · ·	•			•	
		Was the CCV analyzed at the method-required frequence	· · · · · · · · · · · · · · · · · · ·	X				1
		Were percent differences for each analyte within the me	•	X				
		Was the ICAL curve verified for each analyte?		X				
		Was the absolute value of the analyte concentration in t	he inorganic CCB < MDL?			Х		
3	0	Mass spectral tuning						
-	-	Was the appropriate compound for the method used for	r tuning?	X	1	1	Г — Т	1
		Were ion abundance data within the method-required Q		X				
4	0	Internal standards (IS)				1	I	
	Ŭ	Were IS area counts and retention times within the meth	nod-required QC limits?	X		1	l –	T
5	OI	Raw data (NELAC Section 5.5.10)					I	
0	10.	Were the raw data (for example, chromatograms, spectr	al data) reviewed by an analyst?	X	r	I I	1	1
		Were data associated with manual integrations flagged	· · · · · · · · · · · · · · · · · · ·	X				
6	0	Dual column confirmation				1	1	I
0	I v	Did dual column confirmation results meet the method-r	equired QC?	1	r	X	<u>г</u>	<u> </u>
7	0	Tentatively identified compounds (TICs)		1		~	1	L
	<u> </u>	If TICs were requested, were the mass spectra and TIC of	data subject to appropriate checks?	1	<u> </u>	X	<u> </u>	T
8	1	Interference Check Sample (ICS) results		1		~		
0		Were percent recoveries within method QC limits?		T	r –	X	r –	1
9	1	Serial dilutions, post digestion spikes, and method of sta	andard additions	1			1	I
5	1	Were percent differences, recoveries, and the linearity v		1	<u> </u>	X	<u> </u>	<u> </u>
10	OI	Method detection limit (MDL) studies	while the de limits speened in the method.	1		~		
10		Was a MDL study performed for each reported analyte?		X	r –	1	<u>г</u>	1
		Is the MDL either adjusted or supported by the analysis	of DCSs?	X			<u> </u>	
11	OI	Proficiency test reports	of Decos.			1	I	
		Was the laboratory's performance acceptable on the ap	nlicable proficiency tests or evaluation studies?	X			<u> </u>	1
12	OI	Standards documentation	predble proficiency tests of evaluation studies.			I	I	
		Are all standards used in the analyses NIST-traceable or	c obtained from other appropriate sources?	X	r –	T	r –	1
13	OI	Compound/analyte identification procedures				1	1	I
		Are the procedures for compound/analyte identification	documented?	X	r	T	<u>г</u>	<u> </u>
14	OI	Demonstration of analyst competency (DOC)	documented.					
1-1		Was DOC conducted consistent with NELAC Chapter 5?)	X	<u> </u>	<u> </u>	<u> </u>	<u> </u>
		Is documentation of the analyst's competency up-to-dat		X				
15	OI	Verification/validation documentation for methods (NELA					1	L
.5		Are all the methods used to generate the data document		X				
516	OI	Laboratory standard operating procedures (SOPs)	and validated, where applicable:		1			1
10		Are laboratory SOPs current and on file for each method	1 performed	X			r –	1
shou 2. O 3. N/	ld be r = orga A = No	The laboratory scores current and of the for each method ntified by the letter "R" must be included in the laboratory etained and made available upon request for the appropr nic analyses; I = inorganic analyses (and general chemist applicable; reviewed;	/ data package submitted in the TRRP-required report(s). iate retention period.		L dentifie	d by th	e letter	"S"

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

ER # ¹	Description	
Reviewei	r Name: Lori A Vahrenkamp	Prep Batch Number(s): WG2072009
Project N	lame: Tedlars, New Mexico Samples	Laboratory Job Number: L1622525-01
Laborato	ry Name: Pace Analytical National	LRC Date: 06/07/2023 14:01

The Exception Report intentionally left blank, there are no exceptions applied to this SDG.

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

NA = Not applicable;
 NR = Not reviewed;

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

SAMPLE RESULTS - 01 L1622525

Page 167 of 222

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Volatile Organic Compounds (MS) by Method TO-15

	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch	
Analyte			ppbv	ug/m3	ppbv	ug/m3				
Benzene	71-43-2	78.10	400	1280	ND	ND		2000	WG2072009	
TPH (GC/MS) Low Fraction	8006-61-9	101	400000	1650000	1260000	5200000		2000	WG2072009	
Ethylbenzene	100-41-4	106	400	1730	9390	40700		2000	WG2072009	
MTBE	1634-04-4	88.10	400	1440	ND	ND		2000	WG2072009	
Toluene	108-88-3	92.10	1000	3770	51200	193000		2000	WG2072009	1
Xylenes, Total	1330-20-7	106.16	1200	5210	26100	113000		2000	WG2072009	
m&p-Xylene	1330-20-7	106	800	3470	20300	88000		2000	WG2072009	
o-Xylene	95-47-6	106	400	1730	5790	25100		2000	WG2072009	
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		102				WG2072009	

Volatile Organic Compounds (MS) by Method TO-15

QUALITY CONTROL SUMMARY L1622525-01

Method Blank (MB)

(MB) R3933187-3	06/05/23 20:45	
	MB Result	1

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ppbv		ppbv	ppbv
Benzene	U		0.0715	0.200
TPH (GC/MS) Low Fraction	U		39.7	200
Ethylbenzene	U		0.0835	0.200
MTBE	U		0.0647	0.200
Toluene	U		0.0870	0.500
Xylenes, Total	U		0.135	0.600
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
(S) 1,4-Bromofluorobenzene	94.4			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3933187-1 06/05/2	23 19:47 • (LCSE	D) R3933187-2	06/05/23 20:	17						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ppbv	ppbv	ppbv	%	%	%			%	%
Benzene	3.75	3.65	3.57	97.3	95.2	70.0-130			2.22	25
TPH (GC/MS) Low Fraction	188	177	175	94.1	93.1	70.0-130			1.14	25
Ethylbenzene	3.75	3.68	3.63	98.1	96.8	70.0-130			1.37	25
MTBE	3.75	3.79	3.74	101	99.7	70.0-130			1.33	25
Toluene	3.75	3.73	3.74	99.5	99.7	70.0-130			0.268	25
Xylenes, Total	11.3	11.2	11.1	99.1	98.2	70.0-130			0.897	25
m&p-Xylene	7.50	7.32	7.25	97.6	96.7	70.0-130			0.961	25
o-Xylene	3.75	3.84	3.81	102	102	70.0-130			0.784	25
(S) 1,4-Bromofluorobenzene				99.9	100	60.0-140				

DATE/TIME: 06/07/23 14:01

PAGE: 10 of 13

Page 168 of 222

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GLOSSARY OF TERMS

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Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

Received by OCD: 4/1/2024 1:36:12 PMACCREDITATIONS & LOCATIONS

Page	170	of 222
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labama	40660	Nebraska	NE-OS-15-05
Maska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
lorida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
daho	TN00003	Ohio-VAP	CL0069
llinois	200008	Oklahoma	9915
ndiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Cansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Centucky ²	16	South Dakota	n/a
ouisiana	AI30792	Tennessee ¹⁴	2006
ouisiana	LA018	Texas	T104704245-20-18
laine	TN00003	Texas ⁵	LAB0152
laryland	324	Utah	TN000032021-11
lassachusetts	M-TN003	Vermont	VT2006
lichigan	9958	Virginia	110033
linnesota	047-999-395	Washington	C847
lississippi	TN00003	West Virginia	233
lissouri	340	Wisconsin	998093910
lontana	CERT0086	Wyoming	A2LA
2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
PA–Crypto	TN00003		

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

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

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

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Phone: (575) 264-9884	Client Project			Lab Próject # PLAINSETEC	H - NM AIF	R										SDG #	H168
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Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	IO-15									Shipped Via: F Remarks	edEX Ground
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Entire Report Reviewed By:

Sample Delivery Group:

Samples Received:

Project Number:

Description:

Report To:

Site:

Just Can

Justin Carr Project Manager

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

July 31, 2023

L1640340

17472

DCP #2

Joel Lowery PO Box 62228

Midland, TX 79711

07/29/2023

Tedlars, New Mexico Samples

Plains All American Pipeline - ETECH

Pace Analytical National

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

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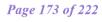
PROJECT: 17472

SDG: L1640340

DATE/TIME: 07/31/23 17:08 PAGE: 1 of 13

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Tr: TRRP Summary	5
TRRP form R	6
TRRP form S	7
TRRP Exception Reports	8
Sr: Sample Results	9
EFF-2 (072823) L1640340-01	9
Qc: Quality Control Summary	10
Volatile Organic Compounds (MS) by Method TO-15	10
GI: Glossary of Terms	11
Al: Accreditations & Locations	12
Sc: Sample Chain of Custody	13



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

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SDG: L1640340

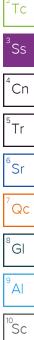
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PAGE: 2 of 13 Received by OCD: 4/1/2024 1:36:12 PM

SAMPLE SUMMARY

Page 174 of 222

			Collected by	Collected date/time	Received date	e/time	
EFF-2 (072823) L1640340-01 Air			Miguel Ramirez	07/28/23 09:00	07/29/23 09:0	00	1
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			2.
Volatile Organic Compounds (MS) by Method TO-15	WG2104007	2000	07/30/23 00:22	07/30/23 00:22	JAP	Mt. Juliet, TN	



Ср

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SDG: L1640340 DATE/TIME:

PAGE: 3 of 13

CASE NARRATIVE

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

not Can

Justin Carr Project Manager

Sample Delivery Group (SDG) Narrative

Sample received in tedlar bag.

Lab Sample ID L1640340-01

Project Sample ID EFF-2 (072823)

Method TO-15

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SDG: L1640340

DATE/TIME: 07/31/23 17:08 PAGE: 4 of 13

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
 - a. Items consistent with NELAC Chapter 5,
 - b. dilution factors,
 - c. preparation methods,
 - d. cleanup methods, and
 - e. if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
 - a. Calculated recovery (%R), and
 - b. The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
 - LCS spiking amounts,
 - b. Calculated %R for each analyte, and
 - c. The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
 - Samples associated with the MS/MSD clearly identified.
 - b. MS/MSD spiking amounts,
 - c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
 - d. Calculated %Rs and relative percent differences (RPDs), and
 - e. The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
 - a. The amount of analyte measured in the duplicate,
 - b. The calculated RPD, and
 - c. The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte
 - for each method and matrix.
- R10 Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Justin Carr Project Manager

Lab	orato	ry Name: Pace Analytical National	LRC Date: 07/31/2023 17:08					
Proj	ject N	ame: Tedlars, New Mexico Samples	Laboratory Job Number: L1640340-01					
Rev	viewei	Name: Justin Carr	Prep Batch Number(s): WG2104007					
# 1	A ²	Description		Yes	No	NA ³	NR ⁴	ER# ⁵
21	OI	Chain-of-custody (C-O-C)						
		Did samples meet the laboratory's standard conditions	of sample acceptability upon receipt?	X				
		Were all departures from standard conditions describe	d in an exception report?			Х		
2	OI	Sample and quality control (QC) identification			•	•		
		Are all field sample ID numbers cross-referenced to the	e laboratory ID numbers?	Х				1
		Are all laboratory ID numbers cross-referenced to the	corresponding QC data?	Х				
3	OI	Test reports						
		Were all samples prepared and analyzed within holding	g times?	X				1
		Other than those results < MQL, were all other raw values	ues bracketed by calibration standards?	Х				
		Were calculations checked by a peer or supervisor?		Х				
		Were all analyte identifications checked by a peer or s	upervisor?	Х				
		Were sample detection limits reported for all analytes r	not detected?	Х				
		Were all results for soil and sediment samples reported	d on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and see	diment samples?			Х		
		Were bulk soils/solids samples for volatile analysis extr	•			Х		
		If required for the project, are TICs reported?	•			X		
24	0	Surrogate recovery data				•		
		Were surrogates added prior to extraction?		X		1		1
		Were surrogate percent recoveries in all samples withi	n the laboratory QC limits?	X				
25	OI	Test reports/summary forms for blank samples			1	1		
-		Were appropriate type(s) of blanks analyzed?		X	1	1	1	T
		Were blanks analyzed at the appropriate frequency?		X				
		Were method blanks taken through the entire analytica cleanup procedures?	al process, including preparation and, if applicable,	X				
		Were blank concentrations < MQL?		X				
8	OI	Laboratory control samples (LCS):			1	1	I	
.0		Were all COCs included in the LCS?		X	1	1	1	T
		Was each LCS taken through the entire analytical proc	edure including prep and cleanup steps?	X		1		
		Were LCSs analyzed at the required frequency?	edule, melduling prep and cleanup steps.	X		<u> </u>		
		Were LCS (and LCSD, if applicable) %Rs within the labo	pratony OC limits?	X				
			laboratory's capability to detect the COCs at the MDL	X				
		Was the LCSD RPD within QC limits?		X				
87	OI	Matrix spike (MS) and matrix spike duplicate (MSD) dat	2		1	I	I	L
.7	0	Were the project/method specified analytes included in		r	1		T	r –
		Were MS/MSD analyzed at the appropriate frequency?				X		
		Were MS (and MSD, if applicable) %Rs within the laboration of the second				X		<u> </u>
		Were MS/MSD RPDs within laboratory QC limits?				X		-
8	OI	Analytical duplicate data		L	1		I	I
0		Were appropriate analytical duplicates analyzed for ea	ch matrix2	r –	1	X	1	r –
						X		
		Were analytical duplicates analyzed at the appropriate Were RPDs or relative standard deviations within the la	• •			X		
89			aboratory QC IIIIIIts?		I	<u> </u>	1	
(9	OI	Method quantitation limits (MQLs):	lah ayata yu data ya alka ya 2		1	1	1	<u> </u>
		Are the MQLs for each method analyte included in the		X				
		Do the MQLs correspond to the concentration of the lo		X				
10		Are unadjusted MQLs and DCSs included in the labora	tory data package?	X	I	I		
10	OI	Other problems/anomalies			1		1	1
		Are all known problems/anomalies/special conditions r		X				┨───
		Was applicable and available technology used to lowe the sample results?	r the SDL to minimize the matrix interference effects on	X				
		•	aboratory Accreditation Program for the analytes, matrices	x				
houl 2. O 8. N/ 4. NF	ld be re = orga A = Not R = Not	ntified by the letter "R" must be included in the laborato etained and made available upon request for the appropriate nic analyses; I = inorganic analyses (and general chemic applicable; reviewed;	ry data package submitted in the TRRP-required report(s). prior retention period.		1 identifie	d by th	I e letter	"S"

Revised May 2010 Laboratory Review Checklist: Supporting Data

Lab	orato	ory Name: Pace Analytical National	LRC Date: 07/31/2023 17:08					
Proj	ect N	lame: Tedlars, New Mexico Samples	Laboratory Job Number: L1640340-01					
Rev	iewe	r Name: Justin Carr	Prep Batch Number(s): WG2104007					
#1	A ²	Description	•	Yes	No	NA ³	NR ⁴	ER#
S1	OI	Initial calibration (ICAL)						
		Were response factors and/or relative response facto	rs for each analyte within QC limits?	X			Ι	
		Were percent RSDs or correlation coefficient criteria	met?	X	1		1	
		Was the number of standards recommended in the m	ethod used for all analytes?	X				
		Were all points generated between the lowest and hi	ghest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	•	X			1	
		Has the initial calibration curve been verified using ar	appropriate second source standard?	X				
52	OI	Initial and continuing calibration verification (ICCV and						
		Was the CCV analyzed at the method-required freque	, , ,	X		1	1	1
		Were percent differences for each analyte within the		X				
		Was the ICAL curve verified for each analyte?	·	X			1	1
		Was the absolute value of the analyte concentration i	n the inorganic CCB < MDL?	1		Х	1	1
53	0	Mass spectral tuning					•	
		Was the appropriate compound for the method used	for tunina?	X	T	T	Г	1
		Were ion abundance data within the method-required	5	X				
54	0	Internal standards (IS)		1	1		1	
	-	Were IS area counts and retention times within the m	ethod-required QC limits?	ΙX	1	1	Г	Г
5	OI	Raw data (NELAC Section 5.5.10)			1	1	1	
	0.	Were the raw data (for example, chromatograms, spe	ctral data) reviewed by an analyst?	X	1	1	1	Г
		Were data associated with manual integrations flagge		X			<u> </u>	
6	0	Dual column confirmation			1	1	1	
	Ŭ	Did dual column confirmation results meet the metho	d-required QC?	1	1	X	T	1
57	0	Tentatively identified compounds (TICs)		1	1		1	I
,,	, v	If TICs were requested, were the mass spectra and TI	C data subject to appropriate checks?	T	T	X	Г	1
8	Ti -	Interference Check Sample (ICS) results		1	1			· · · ·
	l '	Were percent recoveries within method QC limits?		T	1	X	1	1
59	L I	Serial dilutions, post digestion spikes, and method of	standard additions	1	1		1	
		Were percent differences, recoveries, and the linearit		T	1	X	T	r –
510	OI	Method detection limit (MDL) studies	y wann the de mints speened in the method.	1	1		I	
010		Was a MDL study performed for each reported analyt	م؟	X	1	1	1	Г
		Is the MDL either adjusted or supported by the analyst		X				
511	OI	Proficiency test reports				1	I	
,,,,		Was the laboratory's performance acceptable on the	applicable proficiency tests or evaluation studies?	X	1	1	1	T
512	01	Standards documentation	applicable proficiency tests of evaluation studies:		I		I	
712		Are all standards used in the analyses NIST-traceable	or obtained from other appropriate sources?	X	1	1	T	T
513	01	Compound/analyte identification procedures			I	1	I	
515		Are the procedures for compound/analyte identificati	on documented?	X	1	1	1	T T
514	OI	Demonstration of analyst competency (DOC)			I		I	
714		Was DOC conducted consistent with NELAC Chapter	52	X	1	1	1	Г
		Is documentation of the analyst's competency up-to-c		X				
515	01	Verification/validation documentation for methods (N		1 ^		1	1	
1.5	101	Are all the methods used to generate the data docum		X	1		1	1
516	01	Laboratory standard operating procedures (SOPs)	inter, vermer, and validated, where applicable:				1	I
10		Are laboratory SOPs current and on file for each meth	and performed	X	1		1	<u>г</u>
shoul 2. O 3. NA	d be r = orga \ = No		ory data package submitted in the TRRP-required report(s). portate retention period.		l dentifie	d by th	ı e letter	"S"

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Revised May 2010 Laboratory Review Checklist: Exception Reports

Reviewer Name: Justin Carr	Prep Batch Number(s): WG2104007
Project Name: Tedlars, New Mexico Samples	Laboratory Job Number: L1640340-01
Laboratory Name: Pace Analytical National	LRC Date: 07/31/2023 17:08

The Exception Report intentionally left blank, there are no exceptions applied to this SDG.

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

NA = Not applicable;
 NR = Not reviewed;

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

SAMPLE RESULTS - 01 L1640340

Page 180 of 222

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Sc

Volatile Organic Compounds (MS) by Method TO-15

-									
	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	400	1280	ND	ND		2000	WG2104007
TPH (GC/MS) Low Fraction	8006-61-9	101	400000	1650000	1010000	4170000		2000	WG2104007
Ethylbenzene	100-41-4	106	400	1730	4760	20600		2000	WG2104007
MTBE	1634-04-4	88.10	400	1440	ND	ND		2000	WG2104007
Toluene	108-88-3	92.10	1000	3770	25900	97600		2000	WG2104007
Xylenes, Total	1330-20-7	106.16	1200	5210	13600	59100		2000	WG2104007
m&p-Xylene	1330-20-7	106	800	3470	10600	46000		2000	WG2104007
o-Xylene	95-47-6	106	400	1730	2980	12900		2000	WG2104007
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.2				WG2104007

SDG: L1640340

DATE/TIME: 07/31/23 17:08

9 of 13

Volatile Organic Compounds (MS) by Method TO-15

QUALITY CONTROL SUMMARY

Page 181 of 222

Method Blank (MB)

(MB) R3954651-3	07/29/23 09:42

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ppbv		ppbv	ppbv
Benzene	U		0.0715	0.200
TPH (GC/MS) Low Fraction	U		39.7	200
Ethylbenzene	U		0.0835	0.200
MTBE	U		0.0647	0.200
Toluene	U		0.0870	0.500
Xylenes, Total	U		0.135	0.600
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
(S) 1,4-Bromofluorobenzene	98.5			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3954651-1 07/29/	23 08:16 • (LCSI	D) R3954651-2	2 07/29/23 09:	:00						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ppbv	ppbv	ppbv	%	%	%			%	%
Benzene	3.75	3.88	3.83	103	102	70.0-130			1.30	25
TPH (GC/MS) Low Fraction	188	177	174	94.1	92.6	70.0-130			1.71	25
Ethylbenzene	3.75	3.83	3.88	102	103	70.0-130			1.30	25
MTBE	3.75	3.83	3.78	102	101	70.0-130			1.31	25
Toluene	3.75	3.80	3.80	101	101	70.0-130			0.000	25
Xylenes, Total	11.3	11.6	11.6	103	103	70.0-130			0.000	25
m&p-Xylene	7.50	7.73	7.72	103	103	70.0-130			0.129	25
o-Xylene	3.75	3.83	3.83	102	102	70.0-130			0.000	25
(S) 1,4-Bromofluorobenzene	<u>.</u>			99.4	99.7	60.0-140				

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GLOSSARY OF TERMS

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Ss

Cn

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Sr

Qc

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Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

SDG: L1640340

Received by OCD: 4/1/2024 1:36:12 PMACCREDITATIONS & LOCATIONS

Page	<i>183</i>	of	222
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Τс

Ss

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Sc

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
lorida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
daho	TN00003	Ohio–VAP	CL0069
llinois	200008	Oklahoma	9915
ndiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
entucky ¹⁶	KY90010	South Carolina	84004002
Centucky ²	16	South Dakota	n/a
ouisiana	Al30792	Tennessee ¹⁴	2006
ouisiana	LA018	Texas	T104704245-20-18
laine	TN00003	Texas ⁵	LAB0152
laryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
lichigan	9958	Virginia	110033
linnesota	047-999-395	Washington	C847
lississippi	TN00003	West Virginia	233
Aissouri	340	Wisconsin	998093910
fontana	CERT0086	Wyoming	A2LA
2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
PA–Crypto	TN00003		

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

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

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

SDG: L1640340 PAGE: 12 of 13

PO Box 62228 Midland, TX 79711			Billing Information: Accounts Payable 333 Clay St Suite 1600 Houston, TX 77002				No. 1 March		A	nalvsis	Conta	iner / Pr	eservative			- (P	Page 184 of ace*	
Report to: Joel Lowery			Email To:													10	MT	ULIET, TN
Project Description: Tedlars, New Mexico Samples		City/State Collected:				Please C	rcle:	3				124					Submitting a sample	fount Juliet, TN 37122 via this chain of custody dgment and acceptance of itions found at:
Phone: 575.264.9884	Client Project		cural c					Contraction of the second		Cart of							https://info.pacelabs terms.pdf	com/hubfs/pas-standard
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Collected by (signature):	Rush? (I	Lab MUST Be ay Five I y 5 Day	Day	Quote #	ŧ			-15TEDLAR Tedlar		- Int							Acctnum: PLA Template:T23 Prelogin: P10	80533
Immediately Y Y	Two Day Three D	y 10 Da	(Rad Only) ly (Rad Only)	Date	e Results	s Needed	No. of	TEDU										ri A Vahrenkam
Sample ID	Comp/Grab	Matrix *	Depth	Dai	te	Time	Cntrs	TO-15						1.23			Shipped Via: F	edEX Ground
EFF-1 (072823)	6	Air	~	7/2	8/23	9:00	1	X							1.1		nemerks.	-0)
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Page 185 of 222

Ср Тс Ss

Plains All American Pipeline - ETECH

August 29, 2023

Sample Delivery Group: Samples Received: Project Number: Description: Site:

Report To:

L1650104 08/26/2023 2009-039 Tedlars, New Mexico Samples DCP #2 Joel Lowery PO Box 62228 Midland, TX 79711

55
⁴ Cn
⁵ Tr
⁶ Sr
⁷ Qc
⁸ Gl
⁹ Al
¹⁰ Sc

Entire Report Reviewed By:

Lori A Vahrenkamp Project Manager

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

Pace Analytical National

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

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PROJECT: 2009-039

SDG: L1650104 DATE/TIME:

08/29/23 16:22

PAGE: 1 of 14

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Tr: TRRP Summary	5
TRRP form R	6
TRRP form S	7
TRRP Exception Reports	8
Sr: Sample Results	9
EFF1(082523) L1650104-01	9
Qc: Quality Control Summary	10
Volatile Organic Compounds (MS) by Method TO-15	10
GI: Glossary of Terms	12
Al: Accreditations & Locations	13
Sc: Sample Chain of Custody	14

	¹ Cp
	² Tc
	³ Ss
[⁴ Cn
	⁵Tr
	⁶ Sr
	⁷ Qc
	[°] Gl
	⁹ Al
	¹⁰ Sc

Released to Imaging: 07/37/2024 11:38:34 AM Plains All American Pipeline - ETECH PROJECT: 2009-039

SDG: L1650104

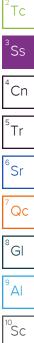
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DATE/TIME: 08/29/23 16:22 **PAGE:** 2 of 14 Received by OCD: 4/1/2024 1:36:12 PM

SAMPLE SUMMARY

Page 187 of 222

			Collected by	Collected date/time	e Received da	te/time
EFF1(082523) L1650104-01 Air			Miguel Raminez	08/25/23 07:50	08/26/23 09	:00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Volatile Organic Compounds (MS) by Method TO-15	WG2121579	10	08/26/23 19:55	08/26/23 19:55	DBB	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2122325	100	08/29/23 01:35	08/29/23 01:35	JAP	Mt. Juliet, TN



Ср

SDG: L1650104

DATE/TIME: 08/29/23 16:22 PAGE: 3 of 14

CASE NARRATIVE

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

Lori A Vahrenkamp Project Manager

Sample Delivery Group (SDG) Narrative

Sample received in tedlar bag.

Lab Sample ID L1650104-01

Project Sample ID EFF1(082523)

Method TO-15



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PROJECT: 2009-039

SDG: L1650104

DATE/TIME: 08/29/23 16:22 PAGE: 4 of 14

Page 189 of 222

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
 - a. Items consistent with NELAC Chapter 5,
 - b. dilution factors,
 - c. preparation methods,
 - d. cleanup methods, and
 - e. if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
 - a. Calculated recovery (%R), and
 - b. The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
 - a. LCS spiking amounts,
 - b. Calculated %R for each analyte, and
 - c. The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
 - a. Samples associated with the MS/MSD clearly identified,
 - b. MS/MSD spiking amounts,
 - c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
 - d. Calculated %Rs and relative percent differences (RPDs), and
 - e. The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
 - a. The amount of analyte measured in the duplicate,
 - b. The calculated RPD, and
 - c. The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte
 - for each method and matrix.
- R10 Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Lori A Vahrenkamp Project Manager

_dD	orato	ry Name: Pace Analytical National	LRC Date: 08/29/2023 16:22					
Proj	ject N	ame: Tedlars, New Mexico Samples	Laboratory Job Number: L1650104-01					
Rev	viewei	Name: Lori A Vahrenkamp	Prep Batch Number(s): WG2121579 and WG2122325					
1	A ²	Description		Yes	No	NA ³	NR⁴	ER#
1	OI	Chain-of-custody (C-O-C)						
		Did samples meet the laboratory's standard conditions of	f sample acceptability upon receipt?	Х				
		Were all departures from standard conditions described i	in an exception report?			Х		
2	OI	Sample and quality control (QC) identification						
		Are all field sample ID numbers cross-referenced to the la	aboratory ID numbers?	Х				
		Are all laboratory ID numbers cross-referenced to the con	rresponding QC data?	Х				
3	OI	Test reports				-	-	
		Were all samples prepared and analyzed within holding t		Х				
		Other than those results < MQL, were all other raw values	s bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?		Х				
		Were all analyte identifications checked by a peer or sup	ervisor?	Х				
		Were sample detection limits reported for all analytes no	t detected?	X				
		Were all results for soil and sediment samples reported of	on a dry weight basis?	Х				
		Were % moisture (or solids) reported for all soil and sedin	nent samples?			Х		
		Were bulk soils/solids samples for volatile analysis extrac	cted with methanol per SW846 Method 5035?			Х		
		If required for the project, are TICs reported?				Х		
4	Image: Project Narrey A2 D 01 C 01 T 02 O1 03 O1 04 O1 05 O1 01 T 02 O1 03	Surrogate recovery data						
		Were surrogates added prior to extraction?		Х				
		Were surrogate percent recoveries in all samples within t	the laboratory QC limits?	Х				
5	OI	Test reports/summary forms for blank samples						
	-	Were appropriate type(s) of blanks analyzed?	Х					
		Were blanks analyzed at the appropriate frequency?		Х				
		Were method blanks taken through the entire analytical p cleanup procedures?	process, including preparation and, if applicable,	х				
		Were blank concentrations < MQL?		Х	1			
6	OI	Laboratory control samples (LCS):			•			
		Were all COCs included in the LCS?		Х				
		Was each LCS taken through the entire analytical proced	lure, including prep and cleanup steps?	Х				
		Were LCSs analyzed at the required frequency?		Х				
		Were LCS (and LCSD, if applicable) %Rs within the labora	atory QC limits?	Х				
		Does the detectability check sample data document the used to calculate the SDLs?		х				
		Was the LCSD RPD within QC limits?		Х				
7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data						
		Were the project/method specified analytes included in t	he MS and MSD?	1		Х	Ι	
		Were MS/MSD analyzed at the appropriate frequency?				Х		
		Were MS (and MSD, if applicable) %Rs within the laborate	pry QC limits?			Х		
		Were MS/MSD RPDs within laboratory QC limits?	, ,			Х		
8	0	Analytical duplicate data						
		Were appropriate analytical duplicates analyzed for each	n matrix?		1	X		
		Were analytical duplicates analyzed at the appropriate fro				Х		
		Were RPDs or relative standard deviations within the labor				Х		
9	0	Method quantitation limits (MQLs):					1	
-		Are the MQLs for each method analyte included in the la	boratory data package?	X	Г		Γ	
		Do the MQLs correspond to the concentration of the low		X				
		Are unadjusted MQLs and DCSs included in the laborato		X				
10	0	Other problems/anomalies				1	<u> </u>	1
10	01	Are all known problems/anomalies/special conditions not	ted in this LRC and FR?	X	1	1	<u> </u>	1
		Was applicable and available technology used to lower the		X				
		the sample results? Is the laboratory NELAC-accredited under the Texas Laboratory and the result of the same state of th		x			-	\vdash
		and methods associated with this laboratory data packag ntified by the letter "R" must be included in the laboratory etained and made available upon request for the appropria	data package submitted in the TRRP-required report(s).		l dentifie	d by th	l e letter	"S"
. O	= orga	nic analyses; I = inorganic analyses (and general chemistr applicable:						

PROJECT: 2009-039

SDG: L1650104 PAGE: 6 of 14

Lab	orato	ry Name: Pace Analytical National	LRC Date: 08/29/2023 16:22					
Proj	ect N	lame: Tedlars, New Mexico Samples	Laboratory Job Number: L1650104-01					
Rev	iewe	r Name: Lori A Vahrenkamp	Prep Batch Number(s): WG2121579 and WG2122325					
# ¹	A ²	Description		Yes	No	NA ³	NR ⁴	ER# ⁵
51	OI	Initial calibration (ICAL)						
		Were response factors and/or relative response fact	X					
		Were percent RSDs or correlation coefficient criteria	X					
		Was the number of standards recommended in the r	method used for all analytes?	X				
		Were all points generated between the lowest and h	nighest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?		X				
		Has the initial calibration curve been verified using a	in appropriate second source standard?	X				
2	OI	Initial and continuing calibration verification (ICCV ar	· · · · · · · · · · · · · · · · · · ·					_
		Was the CCV analyzed at the method-required frequ	iency?	X				
		Were percent differences for each analyte within the	e method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?		X				
	_	Was the absolute value of the analyte concentration	in the inorganic CCB < MDL?			Х		
3	0	Mass spectral tuning						
		Was the appropriate compound for the method used	for tuning?	X				
	_	Were ion abundance data within the method-require	ed QC limits?	Х				
4	0	Internal standards (IS)						
		Were IS area counts and retention times within the n	nethod-required QC limits?	X				
5	OI	Raw data (NELAC Section 5.5.10)						
		Were the raw data (for example, chromatograms, sp	ectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagg	jed on the raw data?	X				
6	0	Dual column confirmation						
		Did dual column confirmation results meet the method	od-required QC?			Х		
57	0	Tentatively identified compounds (TICs)					-	
		If TICs were requested, were the mass spectra and T	FIC data subject to appropriate checks?			Х		
8	1	Interference Check Sample (ICS) results						
		Were percent recoveries within method QC limits?				Х		
59	1	Serial dilutions, post digestion spikes, and method o						
		Were percent differences, recoveries, and the linear	ity within the QC limits specified in the method?			Х		
510	OI	Method detection limit (MDL) studies						
		Was a MDL study performed for each reported analy		X				
		Is the MDL either adjusted or supported by the analy	vsis of DCSs?	X				
511	OI	Proficiency test reports		-			-	
		Was the laboratory's performance acceptable on the	e applicable proficiency tests or evaluation studies?	X				
512	OI	Standards documentation					-	
		Are all standards used in the analyses NIST-traceabl	e or obtained from other appropriate sources?	X				
513	OI	Compound/analyte identification procedures				-	-	-
		Are the procedures for compound/analyte identification	tion documented?	X				
14	OI	Demonstration of analyst competency (DOC)			-	-	1	
		Was DOC conducted consistent with NELAC Chapte	r 5?	X				
		Is documentation of the analyst's competency up-to-	date and on file?	X				
15	OI	Verification/validation documentation for methods (N	• •	1	1	1	1	
		Are all the methods used to generate the data docu	mented, verified, and validated, where applicable?	X				
516	OI	Laboratory standard operating procedures (SOPs)				-		
		Are laboratory SOPs current and on file for each me	•	Х				
shoul 2. O 3. NA 4. NF	d be r = orga \ = No R = No	entified by the letter "R" must be included in the labora etained and made available upon request for the apprince inic analyses; I = inorganic analyses (and general cher t applicable; t reviewed; creation Report identification number (an Exception Re-	mistry, when applicable);		dentifie	ed by th	e letter	"S"

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

PROJECT: 2009-039

SDG: L1650104 DATE/TIME: 08/29/23 16:22

PAGE: 7 of 14

Laboratory Name: Pace Analytical National	LRC Date: 08/29/2023 16:22					
Project Name: Tedlars, New Mexico Samples	Laboratory Job Number: L1650104-01					
Reviewer Name: Lori A Vahrenkamp	Prep Batch Number(s): WG2121579 and WG2122325					
ER #1 Description						

The Exception Report intentionally left blank, there are no exceptions applied to this SDG.

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

NA = Not applicable;
 NR = Not reviewed;

5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

SAMPLE RESULTS - 01

Page 193 of 222

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Volatile Organic Compounds (MS) by Method TO-15

	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch	
Analyte			ppbv	ug/m3	ppbv	ug/m3				
Benzene	71-43-2	78.10	2.00	6.39	4.81	15.4		10	WG2121579	
TPH (GC/MS) Low Fraction	8006-61-9	101	2000	8260	20600	85100		10	WG2121579	
Ethylbenzene	100-41-4	106	2.00	8.67	459	1990		10	WG2121579	
MTBE	1634-04-4	88.10	2.00	7.21	ND	ND		10	WG2121579	
Foluene	108-88-3	92.10	50.0	188	1090	4110		100	WG2122325	
Kylenes, Total	1330-20-7	106.16	6.00	26.1	1580	6860		10	WG2121579	
m&p-Xylene	1330-20-7	106	4.00	17.3	1190	5160		10	WG2121579	
o-Xylene	95-47-6	106	2.00	8.67	385	1670		10	WG2121579	
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		122				WG2121579	
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		102				WG2122325	

Volatile Organic Compounds (MS) by Method TO-15

QUALITY CONTROL SUMMARY

Page 194 of 222

Method Blank (MB)

(MB) R3966148-3	08/26/23 11:07	

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ppbv		ppbv	ppbv
Benzene	U		0.0715	0.200
TPH (GC/MS) Low Fraction	39.7	J	39.7	200
Ethylbenzene	U		0.0835	0.200
MTBE	U		0.0647	0.200
Xylenes, Total	U		0.135	0.600
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
(S) 1,4-Bromofluorobenzene	104			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3966148-1 08/26/2	23 10:09 • (LCS	D) R3966148-2	08/26/23 10:3	39						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ppbv	ppbv	ppbv	%	%	%			%	%
Benzene	3.75	3.29	3.41	87.7	90.9	70.0-130			3.58	25
TPH (GC/MS) Low Fraction	188	179	182	95.2	96.8	70.0-130			1.66	25
Ethylbenzene	3.75	3.46	3.67	92.3	97.9	70.0-130			5.89	25
MTBE	3.75	3.41	3.54	90.9	94.4	70.0-130			3.74	25
Xylenes, Total	11.3	11.6	12.2	103	108	70.0-130			5.04	25
m&p-Xylene	7.50	7.74	8.14	103	109	70.0-130			5.04	25
o-Xylene	3.75	3.84	4.05	102	108	70.0-130			5.32	25
(S) 1,4-Bromofluorobenzene				113	110	60.0-140				

Receiver by 2602 \$ 1/2024 1:36:12 PM

Volatile Organic Compounds (MS) by Method TO-15

QUALITY CONTROL SUMMARY

Page 195 of 222

Method Blank (MB)

					Γ_{i}
(MB) R3966381-2 08/28/2	23 10:51				
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	ppbv		ppbv	ppbv	-
Toluene	U		0.0870	0.500	
(S) 1,4-Bromofluorobenzene	101			60.0-140	3

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3966381-1 08/28/2	23 10:05 • (LCS	D) R3966381-3	3 08/28/23 11:3	8						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ppbv	ppbv	ppbv	%	%	%			%	%
Toluene	3.75	3.34	3.22	89.1	85.9	70.0-130			3.66	25
(S) 1,4-Bromofluorobenzene				103	102	60.0-140				

SDG: L1650104 DATE/TIME: 08/29/23 16:22

PAGE: 11 of 14

GLOSSARY OF TERMS

Τс

Ss

Cn

Tr

Sr

Qc

GI

AI

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Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

J

The identification of the analyte is acceptable; the reported value is an estimate.

SDG: L1650104 DATE/TIME: 08/29/23 16:22

Received by OCD: 4/1/2024 1:36:12 PMACCREDITATIONS & LOCATIONS

Page 197 of 222	Page	<i>197</i>	of	22	2
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Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
olorado	TN00003	New York	11742
onnecticut	PH-0197	North Carolina	Env375
lorida	E87487	North Carolina ¹	DW21704
eorgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
daho	TN00003	Ohio-VAP	CL0069
linois	200008	Oklahoma	9915
ndiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Cansas	E-10277	Rhode Island	LAO00356
entucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
ouisiana	AI30792	Tennessee ¹⁴	2006
ouisiana	LA018	Texas	T104704245-20-18
laine	TN00003	Texas ⁵	LAB0152
laryland	324	Utah	TN000032021-11
lassachusetts	M-TN003	Vermont	VT2006
lichigan	9958	Virginia	110033
linnesota	047-999-395	Washington	C847
lississippi	TN00003	West Virginia	233
lissouri	340	Wisconsin	998093910
fontana	CERT0086	Wyoming	A2LA
2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
PA-Crypto	TN00003		

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

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

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

SDG: L1650104

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Plains All American Pip	peline - ETE	СН	Accounts 333 Clay	· · · · · · · · · · · · · · · · · · ·		Pres Chk							1.5	- P	ace [.]	
PO Box 62228 Vidland, TX 79711			Suite 160 Houston	00 , TX 77002			1000		10						ULIET, TN	
Report to: Ioel Lowery			Email To: joel@etechenv.com;miguel@etechenv.com;zac					1						12065 Lebanon Rd M Submitting a sample constitutes acknowle	Nount Juliet, TN 37122 via this chain of custody adgment and acceptance of t	
Project Description: Tedlars, New Mexico Samples		City/State Collected:	Lea a	o., Nm	Please C PT MT	CT ET	12			12 1		5. 8	1	Pace Terms and Con https://info.pacelabs terms.pdf	ditions found at: com/hubfs/pas-standard-	
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Matrix: S - Soil AIR - Air F - Filter SW - Groundwater B - Bioassay NW - WasteWater	Remarks:				1				pH Flo		_ Tem		COC Sea COC Sia Bottle Correc	Sample Receipt al Present/Intag gned/Accurate: s arrive intact t bottles used:	at: INP KAK	
DW - Drinking Water DT - Other	UPSFedEx	Samples returned via: UPSFedExCourier Tracking # 6337 Date: Time: Received by: (Signature)							2249 9020 Trip Blank Received: Yes / No				Sufficient volume sent: <u>If Applicable</u> VOA Zero Headspace: Preservation Correct/Checked: <u>Y</u> RAD Screen <0.5 mR/hr: <u>Y</u>			
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PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

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

> Project: DCP #2 Project Number: 17472 Location: Lea County, NM

Lab Order Number: 3K20012



Current Certification

Report Date: 12/04/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	DCP #2
13000 West County Road 100	Project Number:	17472
Odessa TX, 79765	Project Manager:	Joel Lowry

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFF-1 (112023)	3K20012-01	Air	11/20/23 11:55	11-20-2023 16:30

TO-15 BTEX analysis were subcontracted to A&B Houston.Their current certification can be found here: https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/a&b_env.pdf

E Tech Environmental & Safety Solutions, Inc. [1]	Project: DCP #2
13000 West County Road 100	Project Number: 17472
Odessa TX, 79765	Project Manager: Joel Lowry

EFF-1 (112023)

3K20012-01 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian H	Basin Envi	ronmental L	.ab, L.P.			
EPA TO-15									
Benzene	ND	0.00400	ppm	1	P3L0414	11/27/23 12:30	11/27/23 12:30	TO-15	SUB-8
Ethylbenzene	ND	0.0100	ppm	1	P3L0414	11/27/23 12:30	11/27/23 12:30	TO-15	SUB-8
Xylene (p/m)	ND	0.0200	ppm	1	P3L0414	11/27/23 12:30	11/27/23 12:30	TO-15	SUB-8
Xylene (o)	ND	0.0100	ppm	1	P3L0414	11/27/23 12:30	11/27/23 12:30	TO-15	SUB-8
Toluene	ND	0.0100	ppm	1	P3L0414	11/27/23 12:30	11/27/23 12:30	TO-15	SUB-8

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: DCP #2	
13000 West County Road 100	Project Number: 17472	
Odessa TX, 79765	Project Manager: Joel Low	ry

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

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: DCP #2
13000 West County Road 100	Project Number: 17472
Odessa TX, 79765	Project Manager: Joel Lowry

Notes and Definitions

SUB-8	Subcontract of analyte/analysis to A&B Labs Houston.
NPBEL CO	Chain of Custody was not generated at PBELAB
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

un Barron Report Approved By:

Date: <u>12/4/2023</u>

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

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LAB # (lab use only)	FIEL	D CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	lce	HNO ₃	HCI	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Studge GW = Groundwater S=Soil/Soli MD=Mod Dototo	TPH: TX 1005 TX 1006	Anions (CI, SO4, Alkalinity)	3TEX 8021B/ 030 or BTEX 8260									RUSH TAT (Pre-Schedule)	Standard TAT
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Total Number of Pages:

Laboratory Analysis Report

Job ID: 23112449



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, http://www.ablabs.com

Client Project Name : Subcontract

Report To :	Client Name:	Permian Basin Environmental Lab, LP	P.O.#.:
	Attn:	Brent Barron	Sample Collected By:
	Client Address:	1400 Rankin Hwy	Date Collected: 11/20/23
	City, State, Zip:	Midland, Texas, 79701	

A&B Labs has analyzed the following samples...

Client Sample ID Matrix A&B Sample ID 3K20012 Air 23112449.01

-J-CT WC

Amit Bembde Analyst:

fla

Released By: Senthilkumar Sevukan Title: Vice President Operations Date: 12/01/2023



This Laboratory is NELAP (T104704213-23-31) accredited. Effective: 04/13/2023; Expires: 3/31/2024 Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Results apply to the sample as received. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

ab-q210-0321

Date Received : 11/22/2023 10:02

			LABORAT	ORY TES	T RESUL	TS				
at		Job ID: 23112449							Date:	12/1/2023
Client Name :	:	Permian Basin Environm	ental Lab, LP					Attn: B	rent B	arron
Project Name	2:	Subcontract								
Client Sample	e ID:	3K20012				Lab Sam	ole ID:	23112449	.01	
Date Collecte	ed:	11/20/23				Sample M	latrix:	Air		
Time Collecte	ed:	11:55								
Other Information	ation:									
Test Method	Paramet	ter/Test Description	M.W.	Results(nl)	RptLimit(nl)	InjVol(cc)	ug/M3	ppm	Q	Date/Time
EPA TO-15	Volatile	e Organic Compounds i	in Air by GCMS							
	Benzen	e	78.11	BRL	0.2	50CC	< 12.8	< 0.0040	1	11/27/23
	Ethylbe	nzene	106.17	BRL	0.5	50CC	< 43.4	< 0.0100	1	11/27/23
	m- & p-	-Xylenes	106.17	BRL	1	50CC	< 86.8	< 0.0200	1	11/27/23
	o-Xylen	e	106.17	BRL	0.5	50CC	< 43.4	< 0.0100	I	11/27/23
	Toluene	2	92.14	BRL	0.5	50CC	< 37.7	< 0.0100	1	11/27/23
	Xylenes	5	106.17	BRL	0.5	50CC	< 43.4	< 0.0100	I	11/27/23
Total [VOC] ca	alculated	l		BRL			< 12.779	< 0.004	1	

QUALITY CONTROL CERTIFICATE



Analysis : Volatile Organi	c Compounds in Air by GCMS	Method :	EPA TO-15	Reporting Units : nL
QC Batch ID : Qb23113014	Created Date : 11/30/23	Created By :	AVBembde	
Samples in This QC Batch :	23112449.01			

QC Type: Method Blank						
Parameter	CAS #	Result	Units	D.F.	RptLimit	Qual
Xylenes	1330-20-7	BRL	nL	1	0.5	
Benzene	71-43-2	BRL	nL	1	0.2	
Toluene	108-88-3	BRL	nL	1	0.5	
Ethylbenzene	100-41-4	BRL	nL	1	0.5	
m- & p-Xylenes	179601-23-1	BRL	nL	1	1	
o-Xylene	95-47-6	BRL	nL	1	0.5	

QC Type: LCS and LCS	D									
Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Benzene	5	5.35	107	5	5.36	107	0.2	30	69-119	
Toluene	5	5.34	107	5	5.30	106	0.8	30	62-127	
Ethylbenzene	5	5.57	111	5	5.48	110	1.6	30	70-124	
m- & p-Xylenes	10	10.9	109	10	10.9	109	0.4	30	61-134	
o-Xylene	5	5.71	114	5	5.68	114	0.5	30	67-125	

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID: 23112449

Date: 12/1/2023

General Term Definition

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RPD	Relative Percent Difference
J	Estimation. Below calibration range but above MDL	RptLimit	Reporting Limit
LCS	Laboratory Check Standard	SDL	Sample Detection Limit
LCSD	Laboratory Check Standard Duplicate	surr	Surrogate
MS	Matrix Spike	Т	Time
MSD	Matrix Spike Duplicate	TNTC	Too numerous to count
MW	Molecular Weight	UQL	Unadjusted Upper Quantitation Limit
MQL	Unadjusted Minimum Quantitation Limit		

Sample Condition Checklist



A&	B JobID : 23112449	Date Received : 11/22/2023 Time Received : 10 :	02AM		
Clie	ent Name : Permian Basin Environ	mental Lab, LP			
Тег	nperature : 18.7°C	Sample pH : NA			
The	ermometer ID : IR5	pH Paper ID : NA			
Pe	rservative :	Lot# :			
		Check Points	Yes	No	N/A
1.	Cooler Seal present and signed.				х
2.	Sample(s) in a cooler.			Х	
3.	If yes, ice in cooler.				х
4.	Sample(s) received with chain-of-custo	ody.	Х		
5.	C-O-C signed and dated.		Х		
6.	Sample(s) received with signed sample	e custody seal.		х	
7.	Sample containers arrived intact. (If No		х		
8.	Water Soil Liquid Slu Matrix:	Idge Solid Cassette Tube Bulk Badge Food Other Image: I			
9.	Samples were received in appropriate	container(s)	Х		
10.	Sample(s) were received with Proper p	reservative			х
11.	All samples were tagged or labeled.		х		
12.	Sample ID labels match C-O-C ID's.			х	
13.	Bottle count on C-O-C matches bottles	found.	Х		
14.	Sample volume is sufficient for analyse	s requested.	х		
15.	Samples were received with in the hold	l time.	х		
16.	VOA vials completely filled.				Х
17.	Sample accepted.		х		
18.	Has client been contacted about sub-or	Jt			х

Comments : Include actions taken to resolve discrepancies/problem:
Other: Air (Clear Tedlar Bags). ~EV 11/22/2023. Sample ID= "EFF-1". ~ANS 11/22/23

Brought by : FedEx Received by : EValdez

Check in by/date : EValdez / 11/22/2023

ab-s005-0321

Phone: 713-453-6060

www.ablabs.com

Project Manager: Company Name Company Address: City/State/Zip:	CHAIN OF CA			ECORD AND A	ANALYSIS	Peri 140	mia)0 R	n Ba ank		WY		nenta	ai Lab	, LP 	Pr	Pr	ojec ect L	t#:_		PB Sl	JBCC	SUI	886-72 B_CO RAC ⁻	C_V2 T			Received by OCD: 4/1/4024 1:36:12
Telephone No:	432-661-4184				Fax No:	;									Rep	ort F	orm	at:)	x s	tanda	ard			RP		NPDES	
Sampler Signature:	N/A			<u></u>	e-mail:		brei	ntba	mon	@pb	elab.	com					·		<u> </u>		Anal	yze Fc	or:]
Job ID	neELD CODE 3K20012 23112449	Beginning Depth	Ending Depth	Date Sampled	ра ши ти 11:55	Field Filtered	Tatal #. of Containers				H ₂ SO ₄ 1 AMBER 500/250POLY =		NO2 X	A VIALS	DW=Drinking Water S1=Sludge	W a Groundwater S-Solu/Solid Tri										24 HOUR RUSH/PAH ONLY	X STANDARD
Please run PAH in rush please	e because of holding time.			ll			<u> </u>	<u> </u>	<u>ł</u> l		l	!	<u> </u>				<u>I</u>				nment ters la			<u>}</u>	\hat{O}	Ň	
Relinquished by: Brent Barron Relinquished by: Relinquished by:	Date 11 21 23 Date 11 Date Date Date	17 TI 109	me 00 me 02 me	Received by: Received by: Received by:	L))/z	Dat Dat Dat	te	T	ime	VOC Labe Cust Cust Sam Tem	s Free Ils on ody s ody s ple Hi by Sar by Co perat	of H conta cals o cals o and D npler, urier? ure U	eadspa iner(s in cont in cool eliver /Client ioon R	ace? (ainer er(s) ed Rep. i UPS eceipt	? DHI	L C	ě v v v	N N N Lone St	ar

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Page 14 of 14

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Pace Analytical® ANALYTICAL REPORT January 04, 2024

Plains All American Pipeline - ETECH

Sample Delivery Group: Samples Received: Project Number: Description: Site: Report To:

L1692058 12/29/2023 SRS #2009-039 DCP Plant to Lea Station 6" #2 SRS #2009-039 Kimble Thrash PO Box 62228 Midland, TX 79711

Οp
² Tc
³ Ss
⁴ Cn
⁵Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

Entire Report Reviewed By: Jul Value

Lori A Vahrenkamp Project Manager

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

Pace Analytical National

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

Released to Imaging: 07/37/2024 11:38:34 AM Plains All American Pipeline - ETECH

PROJECT: SRS #2009-039

SDG: L1692058

DATE/TIME: 01/04/24 16:12 PAGE: 1 of 9

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
EFF-1 (122823) L1692058-01	5
Qc: Quality Control Summary	6
Volatile Organic Compounds (MS) by Method M18-Mod	6
GI: Glossary of Terms	7
Al: Accreditations & Locations	8
Sc: Sample Chain of Custody	9



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PROJECT: SRS #2009-039

SDG: L1692058 DATE/TIME:

01/04/24 16:12

PAGE: 2 of 9

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SAMPLE SUMMARY

Page 215 of 222

			Collected by	Collected date/time	Received date	e/time	
EFF-1 (122823) L1692058-01 Air			Kimble Thrash	12/28/23 08:50	12/29/23 09:0	0	1
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			2
Volatile Organic Compounds (MS) by Method M18-Mod	WG2199300	500	01/02/24 16:39	01/02/24 16:39	JAP	Mt. Juliet, TN	

IC
³ Ss
⁴ Cn
⁵Sr
⁶ Qc
⁷ Gl
⁸ AI
⁹ Sc

SDG: L1692058 DAT 01/04/ PAGE: 3 of 9

CASE NARRATIVE

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

mulp

Lori A Vahrenkamp Project Manager



SDG: L1692058

PAGE: 4 of 9

SAMPLE RESULTS - 01

Page 217 of 222

Qc

Gl

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Sc

Volatile Organic Compounds (MS) by Method M18-Mod

	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
alyte			ppbv	ug/m3	ppbv	ug/m3			
ene	71-43-2	78.10	100	319	146	466		500	WG2199300
j	108-88-3	92.10	250	942	17000	64000		500	WG2199300
benzene	100-41-4	106	100	434	3400	14700		500	WG2199300
Kylene	179601-23-1	106	200	867	7710	33400		500	WG2199300
ne	95-47-6	106	100	434	2150	9320		500	WG2199300
tert-butyl ether	1634-04-4	88.10	100	360	ND	ND		500	WG2199300
C/MS) Low Fraction	8006-61-9	101	100000	413000	590000	2440000		500	WG2199300
4-Bromofluorobenzene	460-00-4	175	60.0-140		92.8				WG2199300

Volatile Organic Compounds (MS) by Method M18-Mod

QUALITY CONTROL SUMMARY

Page 218 of 222

Method Blank (MB)

(MB) R4018913-3	01/02/24 09:40

	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	ppbv		ppbv	ppbv	
Benzene	U		0.0715	0.200	
Toluene	U		0.0870	0.500	
Ethylbenzene	U		0.0835	0.200	
m&p-Xylene	U		0.135	0.400	
o-Xylene	U		0.0828	0.200	
Methyl tert-butyl ether	U		0.0647	0.200	
TPH (GC/MS) Low Fraction	U		39.7	200	
(S) 1,4-Bromofluorobenzene	91.1			60.0-140	

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4018913-1 01/02/24 08:21 • (LCSD) R4018913-2 01/02/24 09:01										
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ppbv	ppbv	ppbv	%	%	%			%	%
Benzene	3.75	3.60	3.61	96.0	96.3	70.0-130			0.277	25
Toluene	3.75	3.68	3.68	98.1	98.1	70.0-130			0.000	25
Ethylbenzene	3.75	3.79	3.76	101	100	70.0-130			0.795	25
m&p-Xylene	7.50	7.64	7.63	102	102	70.0-130			0.131	25
o-Xylene	3.75	3.81	3.76	102	100	70.0-130			1.32	25
Methyl tert-butyl ether	3.75	3.58	3.55	95.5	94.7	70.0-130			0.842	25
TPH (GC/MS) Low Fraction	188	156	156	83.0	83.0	70.0-130			0.000	25
(S) 1,4-Bromofluorobenzene				93.6	92.8	60.0-140				

39

SDG: L1692058 DATE/TIME: 01/04/24 16:12

PAGE: 6 of 9 ²Tc ³Ss ⁴Cn ⁵Sr ⁶Qc ⁷Gl ⁸Al

Sc

GLOSSARY OF TERMS

Τс

Ss

Cn

Sr

Qc

GI

AI

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Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

SDG: L1692058 DATE/TIME: 01/04/24 16:12

Received by OCD: 4/1/2024 1:36:12 PMACCREDITATIONS & LOCATIONS

Page	220	of 222	
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Τс

Ss

Cn

Sr

Qc

Gl

AI

Sc

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
lorida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
daho	TN00003	Ohio-VAP	CL0069
llinois	200008	Oklahoma	9915
ndiana	C-TN-01	Oregon	TN200002
owa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
ouisiana	Al30792	Tennessee ¹⁴	2006
ouisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Aissouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
42LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

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

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

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

SDG: L1692058

DATE 01/04/ PAGE: 8 of 9

			Billing Information: Accounts Payable 333 Clay St Suite 1600				Analysis / Container / Preservative					Chain of Custody Page of		
Plains All American Pipeline - ETECH PO Box 62228										-		- (Pa		
Midland, TX 79711			Houston	Houston, TX 77002										
Report to: Kimble Thrash			Email To: kimble@etechenv.com						11				MT JI 12065 Lebanon Rd Mo Submitting a sample vi	
Project Description: DCP Plant to Lea Station 6" #2	1.1	City/State Collected:	LEA COUNTY, NM Please Circ PT MT CT								12		constitutes acknowled Pace Terms and Condit https://info.pacelabs.c	gment and acceptance of th tions found at: om/hubfs/pas-standard-
Phone: 432-894-9996	Client Project SRS #2009-	#		PLAINSETECH-NM GW P.O. # P.O.			0218							69253 1033
Collected by (print): Kimble Thrash	Site/Facility ID	# 009-0	19				8						Acctnum: PLA	INSETECH
Collected by (signature):	Rush? (L	ab MUST Be	Notified)										Template: Prelogin:	
Immediately Packed on Ice N / Y	Next Day	y 5 Day 10 Day	y (Rad Only)										ALC: NOT THE OWNER OF THE	i A Vahrenkamp
Sample ID	Comp/Grab	Matrix *	Depth	Date Time		of Cntrs	BTEX							edEX Ground
EFF-1 (122823)	G	AIR	N/A	12-28-2023	0850	1	X		-		_		Remarks	Sample # (lab only
**** EN)														
						-								
						-								
Matrix: SS - Soil AIR - Air F - Filter SW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water DT - Other	Samples returned v UPS FedEx			Trackin	s# 64	210	8308	936	рн Flow 1 2	Temp Other	_		ample Receipt Ch Present/Intact: hed/Accurate: arrive intact: bottles used: ent volume sent: If Applicab	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} ecklist \\ \end{array} \end{array} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $
Relinquished by : (Signature)	Date 11	-	Time	to Refeive	d by: (Signat		ehn			eived: Yes (HCL TBR	/ MeoH	Preserva	Headspace: tion Correct/Che en <0.5 mR/hr:	ecked: $\begin{array}{c} -Y \\ Y \\ ZY \\ \end{array}$
Relinquished by : (Signature)	unda 12	1 /	23 4.	55 Receive	d by: (Signat	ure)			AMB	°C Bottles		If preserva	ation required by Log	in: Date/Time
Relinquished by : (Signature)	Dat	te:	Time	the second se	d for lab by:	(Signate	Ire)	> Da	2/29	123 C	9900	Hold:		Condition: NCF / OK

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

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

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

District IV

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

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

CONDITIONS

Action 328480

CONDITIONS							
Operator:	OGRID:						
PLAINS MARKETING L.P.	34053						
333 Clay Street Suite 1900	Action Number:						
Houston, TX 77002	328480						
	Action Type:						
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)						

CONDITIONS		
Created By	Condition	Condition Date
michael.buchanan	Review of the DCP Plant to Lea Station 6 Inch #2: content satisfactory 1. Continue to conduct groundwater monitoring for BTEX in monitoring wells on a quarterly schedule for MW-1 through MW-8. 2. Conduct annual sampling analysis for PAH in MW-1 as planned. 3. Continue AFR events to prevent the migration of LNAPL in MW-1 and MW-5. 4. Conduct air sampling for the SVE system and monthly emissions. 5. Submit the 2024 annual report to OCD by April 1, 2025.	7/3/2024