State of New Mexico
Oil Conservation Division

Incident ID	nAPP2129824469
District RP	
Facility ID	
Application ID	

Closure

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

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

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

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Nikki Mishler Title: Sr. Environmental Representative

Signature: Nikki Mishler Date: 10/20/22

email: Nikki.Mishler@cdevinc.com Telephone: 432-315-0134

OCD Only

Received by: Date:

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

Closure Approved by: Jennifer Nobui Date: 11/17/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

REMEDIATION SUMMARY AND SITE CLOSURE REQUEST REPORT

Centennial Resource Development, Inc.
Winnebago 30 State Com CTB Release
Lea County, New Mexico
Unit Letter "N", Section 30, Township 22 South, Range 35 East
Latitude 32.3577867º North, Longitude 103.409360º West
NMOCD Incident #: nAPP2129824469

Prepared For:

Centennial Resource Development, Inc.
500 W. Illinois Avenue Suite 500
Midland, TX 79701

Prepared By:

Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, Texas 79711

October 2022

Wesley Desilets
Project Manager

Jeffrey Kindley, P.G.
Senior Project Manager

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FIGURES

TABLES

APPENDICES

INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Centennial Resource Development, Inc. (Centennial), has prepared this *Remediation Summary and Site Closure Request Report* for the Release Site known as Winnebago 30 State Com CTB Release. The legal description of the Release Site is Unit Letter "N", Section 30, Township 22 South, Range 35 East, in Lea County, New Mexico. The Release Site GPS coordinates are 32.3577867º North and 103.409360º West. Please reference Figure 1 for the Topographic Map.

On October 25, 2021, a reportable release was discovered by Centennial at the Winnebago 30 State Com CTB (Release Site). The release was the result of a water transfer pipe burst due to over pressuring of the line. Approximately thirty-five (35) barrels of produced water was released with five (5) barrels recovered, resulting in a net loss of approximately thirty (30) barrels of produced water. On November 8, 2021, Centennial filed a *Release Notification and Corrective Action Form* (Form C-141) with the New Mexico Oil Conservation Division (NMOCD) documenting the release. The Form C-141 is provided as Appendix A.

NMOCD SITE CLASSIFICATION

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and karst status and follow the criteria in the revised August 2018 Title 19 Chapter 15 part 29 New Mexico Administrative Code (19.15.29 NMAC) regulations. Groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE), New Mexico Bureau of Geology & Mineral Resources (NMBGMR), and United State Geological Survey (USGS) were accessed to determine if any registered water wells were located within a half-mile of the site. None of the databases identified any water wells within a ½-mile radius of the site. However, the closest water well found in the USGS database is water well 322238103225201 located approximately two (2) miles northeast of the Release Area. The average depth to groundwater for USGS Well # 322238103225201 should be encountered at approximately seventy-eight (78) ft below ground surface (bgs). No water wells or surface water were observed within one thousand (1,000) ft of the release. In addition, the site is listed as being in a low potential Karst Topography region. See Figure 2 Aerial Proximity Map and Appendix B for maps, along with water well data, detailing the site relative to groundwater well locations. Based on the NMOCD site classification system, the following soil remediation levels were assigned to the Winnebago CTB Flare Release Site:

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

SOIL DELINEATION ACTIVITIES

On December 16, 2021 and January 19, 2022, Etech conducted delineation activities at the Release Site utilizing a hand auger. Eleven (11) hand auger borings (Auger Hole 1 through Auger Hole 11) were installed throughout the Release Site. Soil samples were collected from the surface to six (6") inches below ground surface (bgs), field screened for chlorides and submitted to Permian

Basin Environmental Lab (PBELAB) of Midland, Texas for analysis of Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method SW 846-8021B, Total Petroleum Hydrocarbons (TPH) by EPA Method SW 846-8015M, and chlorides by EPA Method E-300.00. The analytical results showed both the BTEX and TPH concentrations were below the method detection limits (MDL) for all samples. The chloride concentrations were below the NMOCD cleanup standards of 600 milligrams per Kilogram (mg/Kg) for all samples with the exception of Auger Hold 8 @ 0-6" with a concentration of 737 mg/Kg, Auger Hole 10 @ 0-6" with a concentration of 1,020 mg/Kg, and Auger Hole 11 @ 0-6" with a concentration of 1,070 mg/Kg. See Figure 3 Site and Sample Location Map-Delineation and Table 1 for analytical results. See Appendix C for Laboratory Analytical Reports.

Full vertical delineation was not achieved in the areas denoted by Auger Hole 8, 10, and 11.

REMEDIATION ACTIVITIES AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Based on the December 16, 2021, soil sampling analytical results, Etech began excavation activities on January 5, 2022. Utilizing field chloride tests strips along with olfactory senses, the site was excavated to dimensions of approximately one hundred (100) feet long by fourteen (14) feet wide to a maximum depth of eight (8) feet bgs. The surface area of the excavation was approximately 1,500 square feet. Approximately 576 cubic yards of soils were generated from the excavation and stockpiled on plastic awaiting disposal at an NMOCD approved facility.

After initial excavation activities, Etech was onsite on April 5, 2022, to collect four (4) five (5) point composite bottom and wall samples (Comp BH-1 through Comp BH-4) within every two hundred (200) ft.^{2}. The soils were then placed into a laboratory-provided sample container, labeled, stored on ice, and transported under proper chain-of-custody documentation to PBELAB. The soil samples were analyzed for TPH, BTEX and Chlorides. See Figure 4 Site and Sample Location Map - Delineation for sample locations. The Benzene, total BTEX, and TPH concentrations were below the NMOCD standards for all samples analyzed. The chloride concentrations were above the NMOCD standard of 600 milligrams mg/Kg for soil samples Comp BH 2 @ 2' with a concentration of 1,080 mg/Kg, Comp BH 3 @ 2.5' with a concentration of 1,300 mg/Kg, and Comp BH 4 @ 1.5' with a concentration of 1,520 mg/Kg.

After further excavation activities, Etech was onsite May 16, 2022, to resample areas of exceedance of initial sampling. The soil samples (Comp BH 2A @ 8', Comp BH 3A @ 4', and Comp BH4A @ 4') were collected and submitted to PBELAB for analysis of chlorides. Analytical results indicate that soil samples Comp BH 3A @ 4' and Comp BH 4 A @ 4' exceed the NMOCD standards with concentrations of 1,460 mg/Kg and 1,030 mg/Kg, respectively. The third sample Comp BH 2A @ 8' was below the NMOCD standard with a concentration of 223 mg/Kg.

After further excavation, Etech was onsite May 26, 2022, to collect five (5) five (5) point composite bottom and wall samples (Comp BH 3B through Comp BH-7). Soil samples Comp BH 3B and 4B were submitted to PBELAB for analysis of chlorides while soil samples Comp BH 5 through 7 were submitted for analysis of TPH, BTEX and chlorides. The benzene and total BTEX were below NMOCD standards for the soil samples submitted. Chloride concentrations were below the NMOCD standard of 600 mg/Kg for all samples and ranged from 5.26 mg/Kg in soil sample Comp BH 6 @ 3' to 30.2 mg/Kg for soil sample Comp BH 5 @ 3'. The TPH concentration

was below the NMOCD standard of 100 mg/Kg for all samples analyzed with the exception of soil sample Comp BH 6 @ 3' with a concentration of 111 mg/Kg.

After further excavation in the vicinity of Comp BH 6, Etech was onsite June 24, 2022, to resample Comp BH 6 A @ 3.5'. The sample was submitted to the PBELAB for analysis of TPH. The TPH concentration for the soil sample was below MDL. See Table 2 for Confirmation Sample Results and Appendix C for Laboratory Analytical. Photographic documentation for the Winnebago 30 State Com CTB Release is provided in Appendix D.

SOIL DISPOSITION AND BACKFILL ACTIVITIES

Between May 15, 2022 and August 2, 2022, approximately 576 cubic yards of impacted soil was transported off-site for disposal at the Owl Disposal facility in Lea County New Mexico. The site was then backfilled utilizing locally sourced non-impacted soils and the site recontoured. Waste Manifests are available upon request.

INITIAL CLOSURE REQUEST, NMOCD DENIAL, AND RESAMPLING ACTIVITIES

On August 25, 2022, Centennial submitted the *Remediation Summary and Closure Request Report*, to the NMOCD. On August 31, 2022, the NMOCD denied in an email the Closure Report based on a lack of sidewall sampling and lateral delineation of the site. The NMOCD requested a revised Closure Report be submitted to the OCD portal by September 30, 2022. See Appendix E for NMOCD denial of initial site closure request.

On September 13, 2022, Etech was onsite to collect ten (10) five (5) point composite wall samples (NW-1 through NW-3, SW-1 and SW-2, EW-1 through EW-3, and WW-1 and WW-2) within every two hundred (200) ft^2. The samples were placed into a laboratory-provided sample container, labeled, stored on ice, and transported under proper chain-of-custody documentation to PBELAB for analysis of BTEX, TPH, and chlorides. The BTEX and TPH concentrations for all samples were below method detection limits, while all chloride samples were below the NMOCD standard of 600 mg/Kg. The chloride samples ranged from 17.8 mg/Kg for soil sample EW-2 to 259 mg/Kg for soil sample SW-1. With the sampling the site has been laterally defined. See Table 2 for analytical results and Appendix D for laboratory report.

On September 29, 2022, Centennial submitted, via email, an extension request for completion of the closure report which was approved by the NMOCD until October 31, 2022. See Appendix E for the extension request and approval.

SITE CLOSURE REQUEST

Based on the analytical results of confirmation soil samples collected from the bottom and walls of the excavation, the site has been remediated to within NMOCD standards. Etech, on behalf of Centennial, respectfully request that the NMOCD District 1 Office grant site closure to the Winnebago 30 State Com CTB Release Site (NMOCD Incident ID: nAPP2129824469). See attached C-141 Closure attached to the front of this report.

LIMITATIONS

Etech has prepared this Closure Request and Remediation Summary Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in the documents or statements is true and accurate. Etech has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. This report has been prepared for the benefit of Centennial Resource Development, Inc. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Etech and/or Centennial Resource Development, Inc.

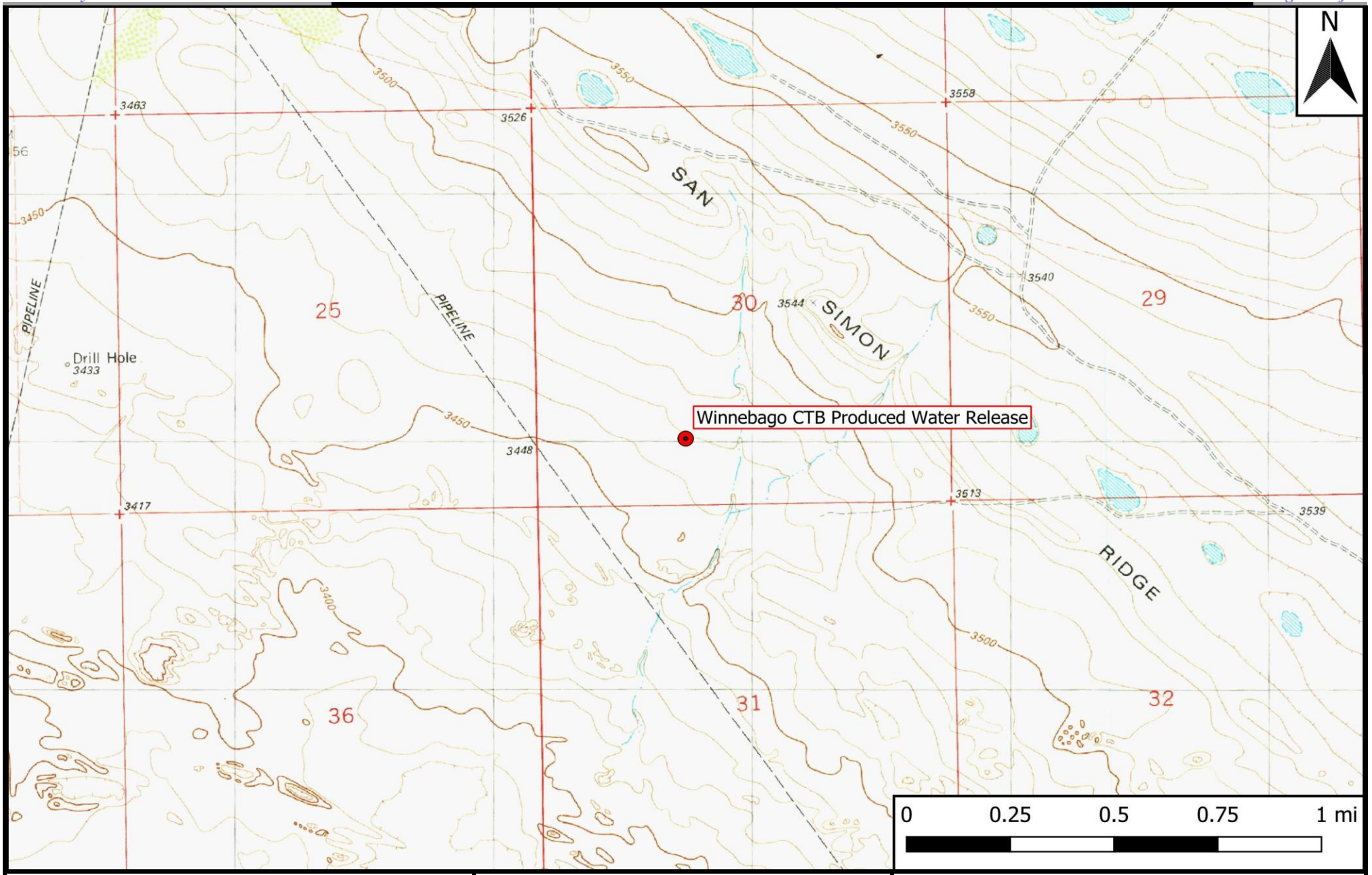
DISTRIBUTION

Copy 1: New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Copy 2: Nikki Mishler
Centennial Resource Development, Inc.
500 W. Illinois Avenue Suite 500
Midland, TX 79701

Copy 3: Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, TX 79711

FIGURES



Legend

- Site Location

Figure 1

Topographic Map

Centennial Resource Development, Inc.

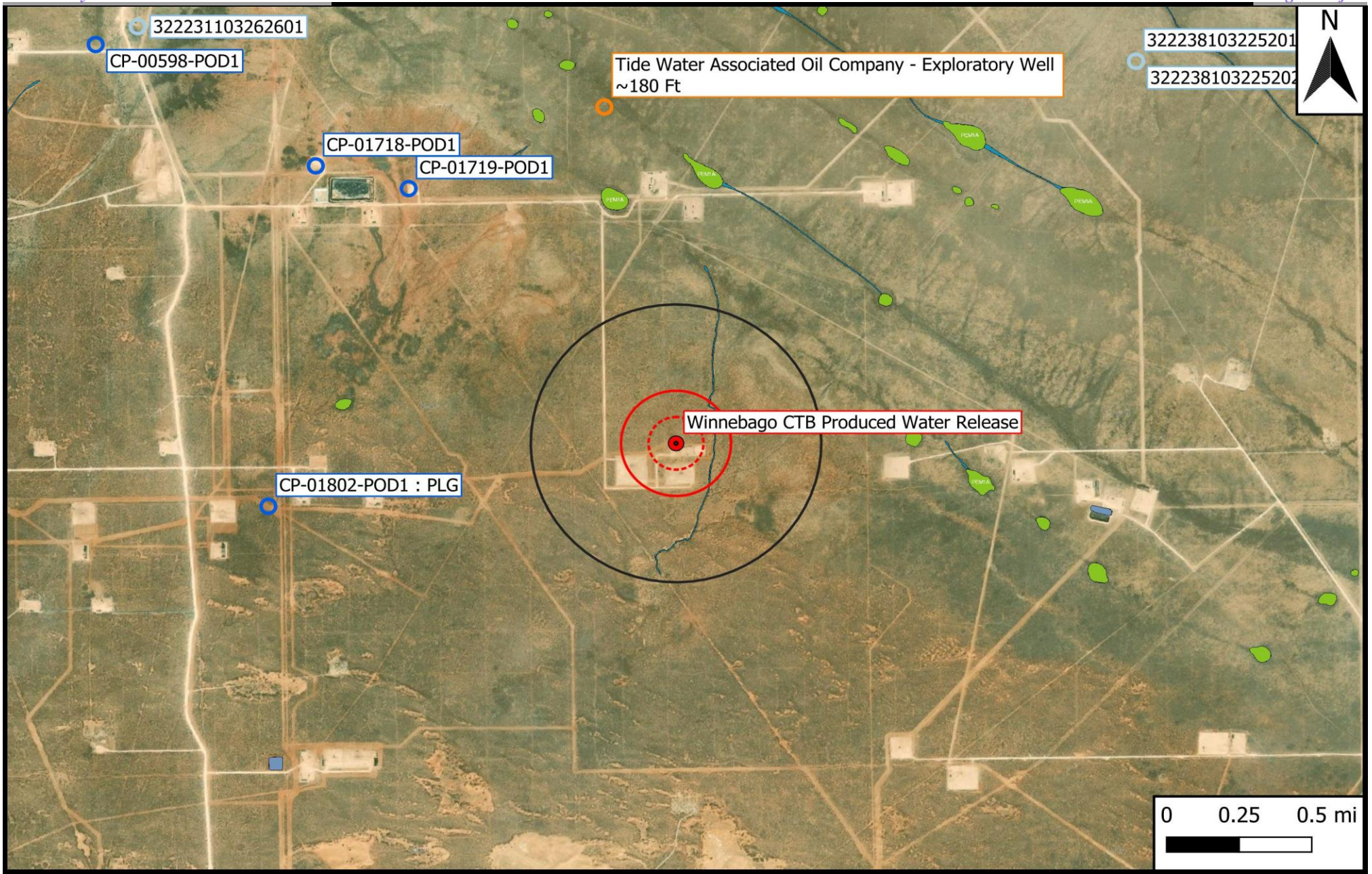
Winnebago 30 State Com CTB Release

GPS: 32.3577867, -103.409360

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jk Date: 8/3/22



Legend

- Site Location
- Well - NMOSE
- Well - USGS
- Well - Other
- Potash Mine Workings
- 500 Ft Radius
- 1000 Ft Radius
- 0.5 Mi Radius
- 1% Annual Flood Chance
- Lake/Freshwater Pond
- Emergent/Forested Wetlands
- Riverine
- Medium/High Karst

Figure 2

Aerial Proximity Map

Centennial Resource Development, Inc.

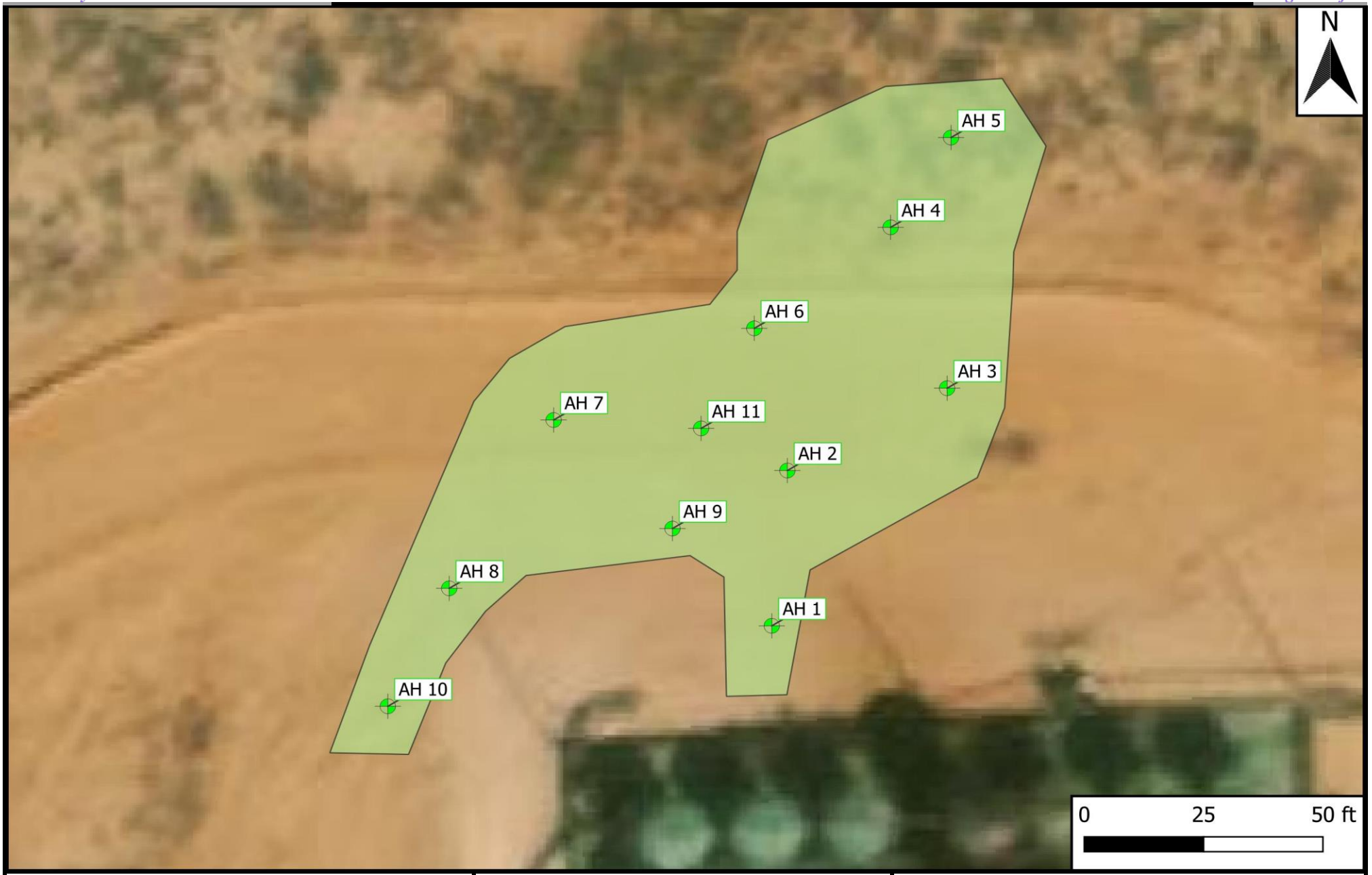
Winnebago 30 State Com CTB Release

GPS: 32.3577867, -103.409360

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jk Date: 8/3/22



Legend

Sample Point - Vertical

Release Area

Figure 3

Site and Sample Location Map - Delineation

Centennial Resource Development, Inc.

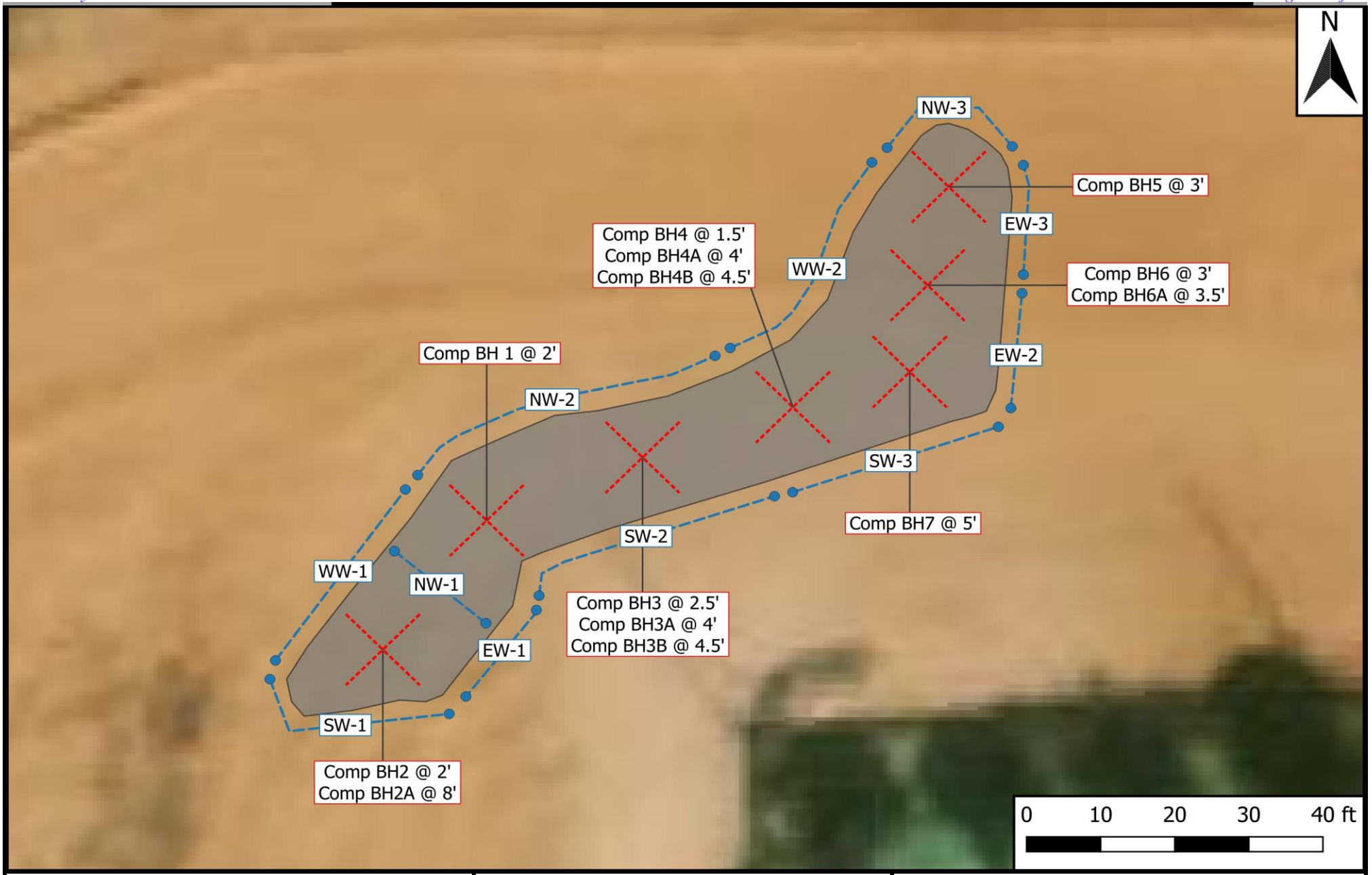
Winnebago CTB Produced Water Release

GPS: 32.357813, -103.409033

Lea County, NM

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jk Date: 8/31/22



Legend

- Floor Confirmation Sample
- Wall Confirmation Sample
- Excavation

Figure 4

Site and Sample Location Map - Confirmation

Centennial Resource Development, Inc.

Winnebago 30 State Com CTB Release

GPS: 32.3577867, -103.409360

Lea County, NM

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jk Date: 9/28/22

TABLES

TABLE 1

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

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO 30 STATE COM CTB RELEASE SITE
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B						METHOD: SW 8015M					E 300.0
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
Limits		**10 mg/Kg**						**50 mg/Kg**				**100 mg/Kg**	**600 mg/Kg**
Auger Hole Sample Results													
Auger Hole 1 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.4
Auger Hole 2 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.4
Auger Hole 3 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.74
Auger Hole 4 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	527
Auger Hole 5 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.88
Auger Hole 6 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	245
Auger Hole 7 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.14
Auger Hole 8 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**737**
Auger Hole 9 @ 0-6"	12/16/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300
Auger Hole 10 @ 0-6"	1/19/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,020**
Auger Hole 11 @ 0-6"	1/19/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,070**

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit **"ND" denotes analyte not detected above laboratory method detection limit.** **"-" denotes analyte not analyzed.**

TABLE 2

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

CENTENNIAL RESOURCE DEVELOPMENT, INC.

WINNEBAGO 30 STATE COM CTB RELEASE SITE

LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021B						METHOD: SW 8015M					E 300.0
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
Bottom Hole Sample Results													
Comp BH 1 @ 2'	4/5/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	580
Comp BH 2 @ 2'	4/5/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,080**
Comp BH 2A @ 8'	5/16/2022	-	-	-	-	-	-	-	-	-	-	-	223
Comp BH 3 @ 2.5'	4/5/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,300**
Comp BH 3A @ 4'	5/16/2022	-	-	-	-	-	-	-	-	-	-	-	**1,460**
Comp BH 3B @ 4.5'	5/26/2022	-	-	-	-	-	-	-	-	-	-	-	21.7
Comp BH 4 @ 1.5'	4/5/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,520**
Comp BH 4A @ 4'	5/16/2022	-	-	-	-	-	-	-	-	-	-	-	**1,030**
Comp BH 4B @ 4.5'	5/26/2022	-	-	-	-	-	-	-	-	-	-	-	11.5
Comp BH 5 @ 3'	5/26/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.2
Comp BH 6 @ 3'	5/26/2022	ND	ND	ND	ND	ND	ND	ND	ND	111	ND	**111**	5.26
Comp BH 6A @ 3.5'	6/24/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Comp BH 7 @ 5'	5/26/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.1
Side Wall Sample Results													
NW-1	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.5
NW-2	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	228
NW-3	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.9
SW-1	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	259
SW-2	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.1
EW-1	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.4
EW-2	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.8
EW-3	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.7
WW-1	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.6
WW-2	9/13/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.5

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit **"ND" denotes analyte not detected above laboratory method detection limit.** **"-" denotes analyte not analyzed.**

APPENDIX A

Release Notification and Corrective Action (Form C-141) (nAPP2129824469)

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2129824469
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165
Contact Name: Montgomery Floyd	Contact Telephone: 432-315-0123
Contact email: Montgomery.floyd@cdevinc.com	Incident # nAPP2129824469
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

Location of Release Source

Latitude 32.3577867 Longitude -103.409360

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Winnebago 30 State Com CTB	Site Type: Production Facility
Date Release Discovered: 10-25-21	API# *(if applicable)* 30025485720000

Unit Letter	Section	Township	Range	County
P	30	22S	35E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 35	Volume Recovered (bbls) 5
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:
Water transfer lay-flat piping burst due to over pressurization leading to the spill release.

Incident ID	NAPP2129[illegible]
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.

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

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

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

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

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

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

Printed Name: Montgomery Floyd Title: Sr. Environmental Analyst

Signature: [signature] Date: 11-8-21

email: Montgomery.floyd@cdevinc.com Telephone: 432-315-0123

OCD Only

Received by: Ramona Marcus Date: 11/9/2021

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

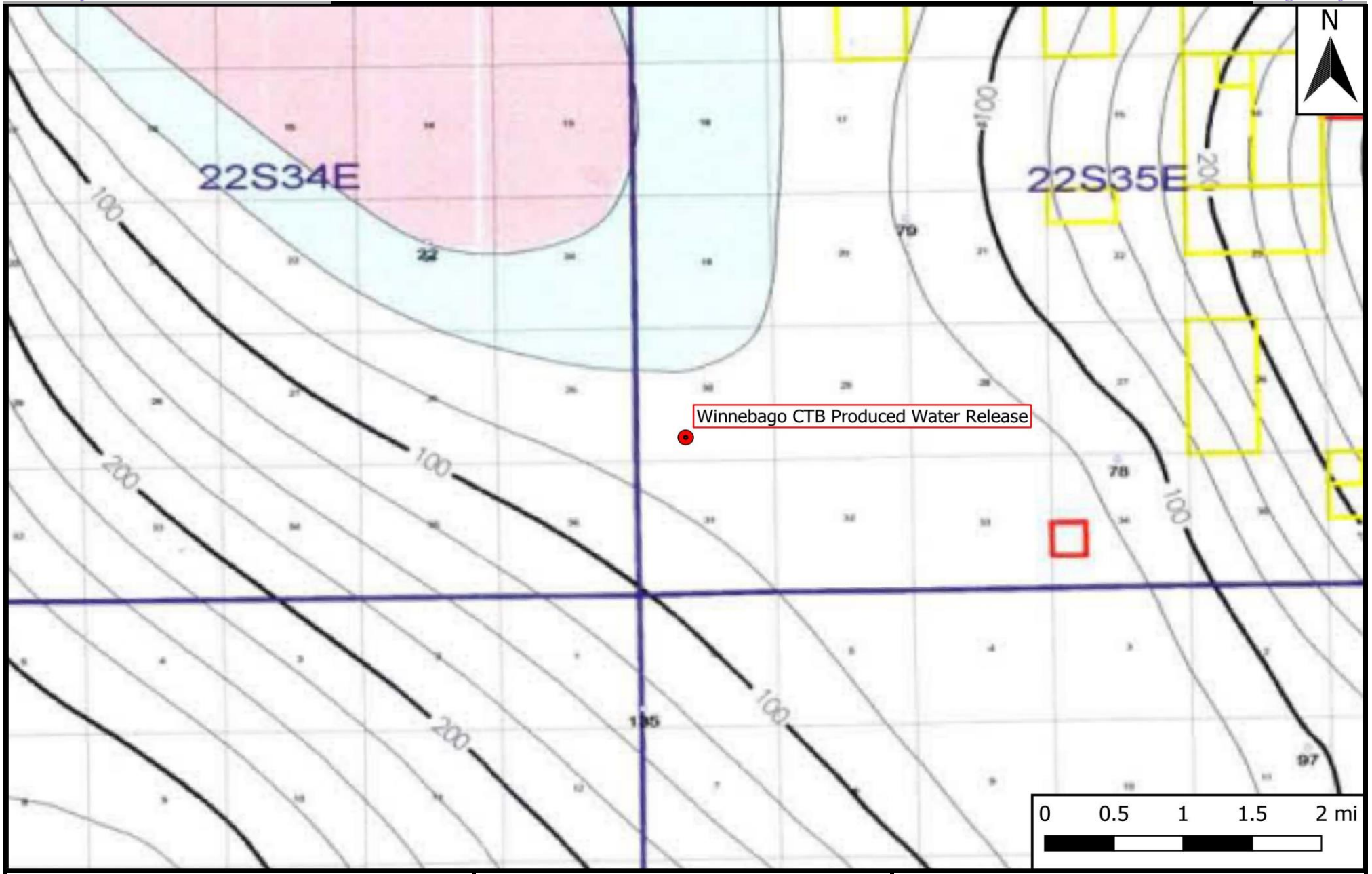
Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 60908
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	The submitted C-141 is accepted with the following condition(s): The lateral and longitudinal information does not match the ULSTR regarding the release location. Please correct the conflicting information and report back to OCD. The latitude and longitude information on the C-141 resulted in the following ULSTR: N-30-22S-35E. Also, when submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	11/9/2021

APPENDIX B

Groundwater Data Maps and Supporting Water Well Data



Legend

Site Location

Figure 5

Inferred Depth to Groundwater Trend Map

Centennial Resource Development, Inc.

Winnebago 30 State Com CTB Release

GPS: 32.3577867, -103.409360

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jk Date: 8/3/22

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

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

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

Average Depth to Water: **564 feet**
Minimum Depth: **0 feet**
Maximum Depth: **855 feet**

Record Count: 3

UTMNAD83 Radius Search (in meters):

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

5/5/22 7:39 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01718 POD1	2	3	3	24	22S	34E	647700	3582811

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

Driller Name: CORKY GLENN

Drill Start Date:	05/09/2019	**Drill Finish Date:**	05/13/2019	**Plug Date:**	
Log File Date:	06/10/2019	**PCW Rcv Date:**		**Source:**	Artesian
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	120 GPM
Casing Size:	8.13	**Depth Well:**	1172 feet	**Depth Water:**	855 feet

Water Bearing Stratifications:	Top	Bottom	Description
	800	855	Sandstone/Gravel/Conglomerate
	855	918	Sandstone/Gravel/Conglomerate
	950	1139	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	752	1172

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01719 POD1	4	4	3	24	22S	34E	648215	3582680

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY", CE				
Drill Start Date:	05/20/2019	**Drill Finish Date:**	05/24/2019	**Plug Date:**	
Log File Date:	06/10/2019	**PCW Rcv Date:**		**Source:**	Artesian
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	100 GPM
Casing Size:	8.00	**Depth Well:**	1173 feet	**Depth Water:**	838 feet

Water Bearing Stratifications:	Top	Bottom	Description
	826	857	Shale/Mudstone/Siltstone
	857	953	Shale/Mudstone/Siltstone
	953	1150	Sandstone/Gravel/Conglomerate
	1150	1173	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	753	1173

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
22472	CP 01802 POD1	2	2	2	35	22S	34E	647437	3580847

Driller License: 1706 **Driller Company:** ELITE DRILLERS CORPORATION

Driller Name: WALLACE, BRYCE J.LEE.NER

Drill Start Date: 11/07/2019 **Drill Finish Date:** 11/09/2019 **Plug Date:**

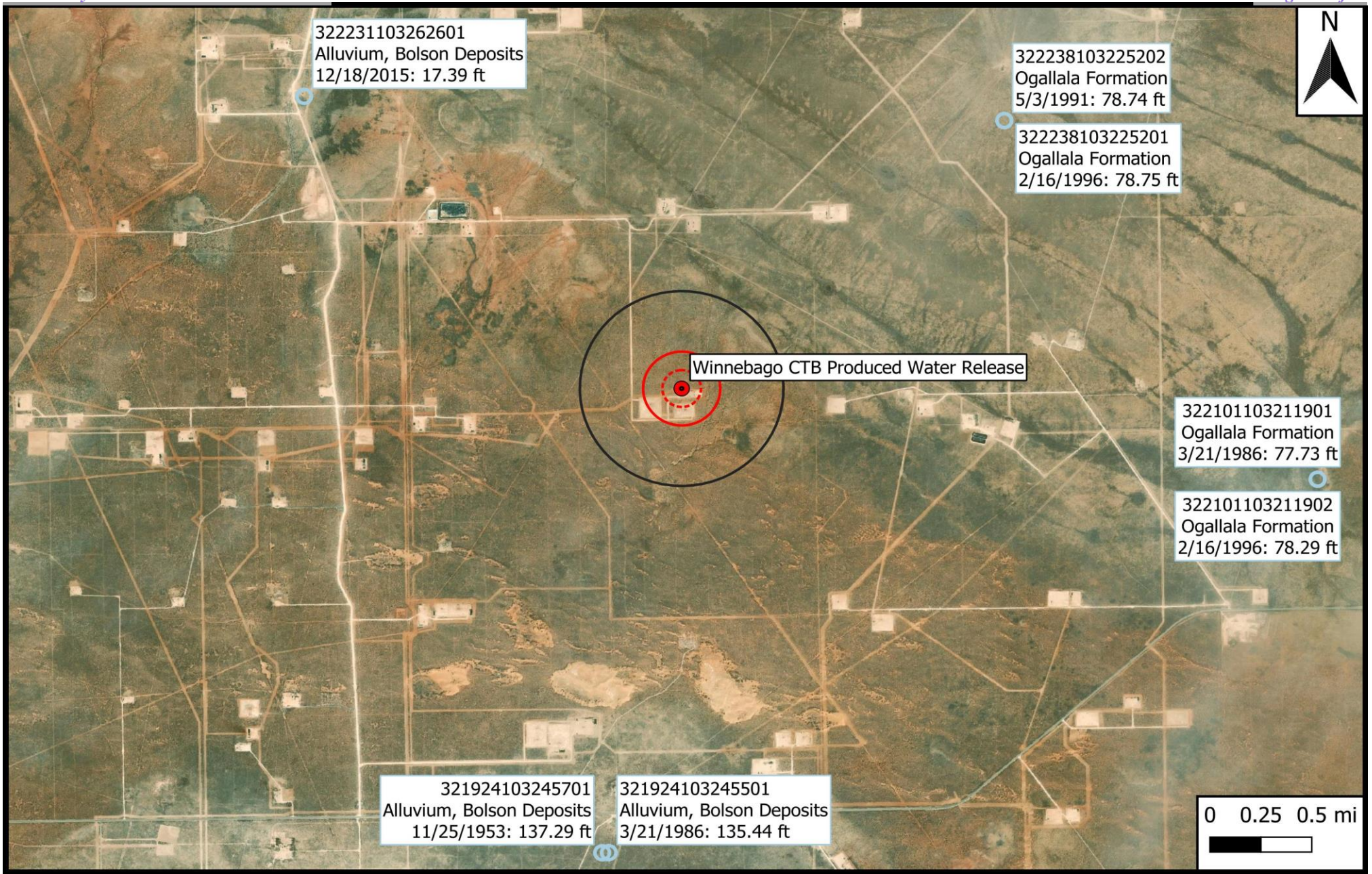
Log File Date: 02/03/2020 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 4.00 **Depth Well:** 200 feet **Depth Water:** 0 feet

Water Bearing Stratifications:	Top	Bottom	Description
	105	185	Other/Unknown

Casing Perforations:	Top	Bottom
	160	200



Legend
- Site Location
- Well - USGS
- 500 Ft Radius
- 1000 Ft Radius
- 0.5 Mi Radius

Figure 6
USGS Well Proximity Map
Centennial Resource Development, Inc.
Winnebago 30 State Com CTB Release
GPS: 32.3577867, -103.409360
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jk Date: 8/3/22

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321924103245501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

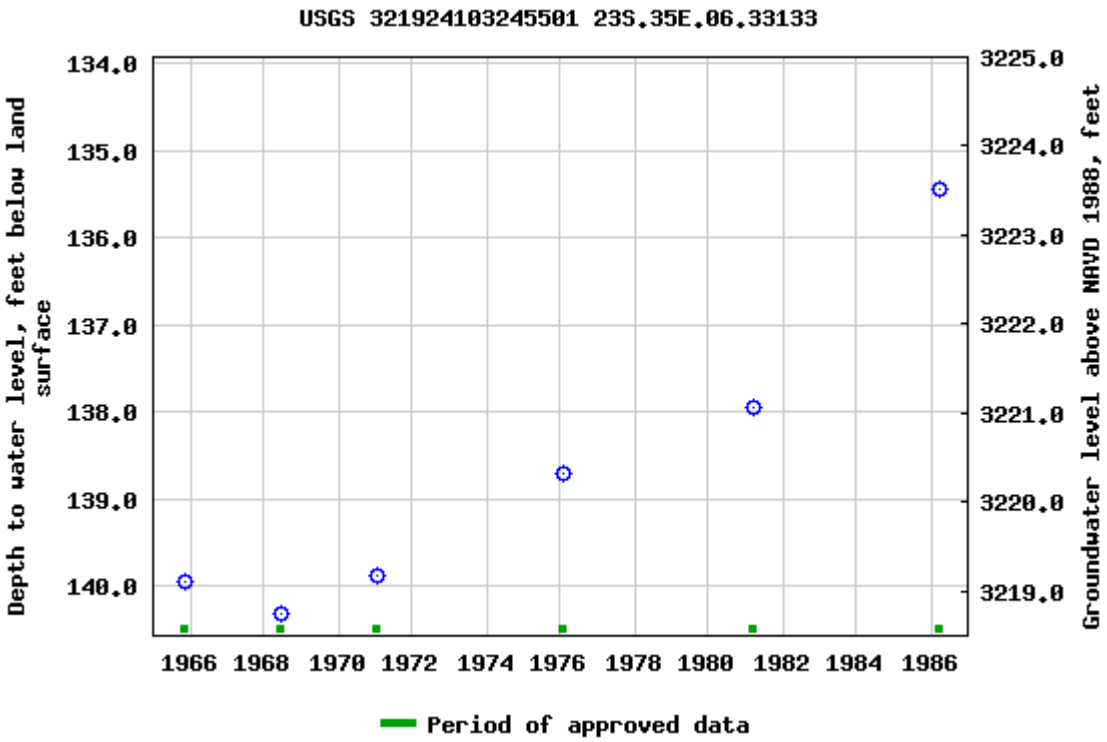
USGS 321924103245501 23S.35E.06.33133

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°19'24", Longitude 103°24'55" NAD27
Land-surface elevation 3,359 feet above NAVD88
The depth of the well is 200 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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0.66 0.6 nadww01

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Agency code = usgs

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- 321924103245701

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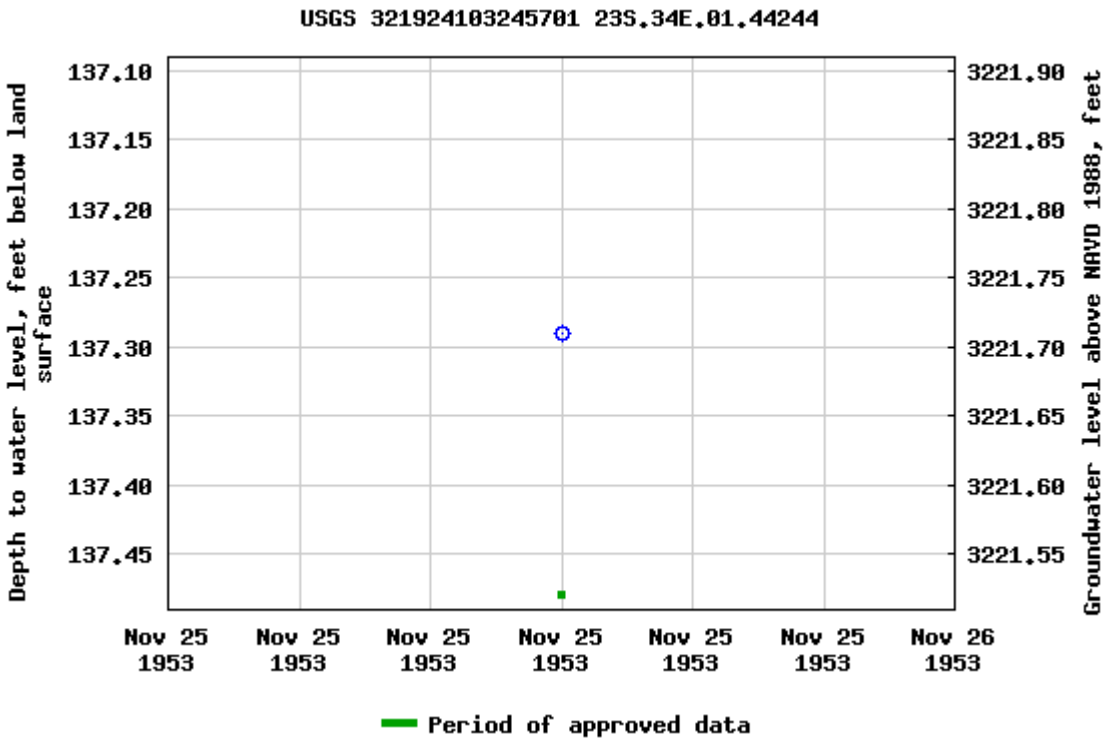
USGS 321924103245701 23S.34E.01.44244

Available data for this site | Groundwater: Field measurements | GO

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

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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- 322101103211901

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USGS 322101103211901 22S.35E.34.12224

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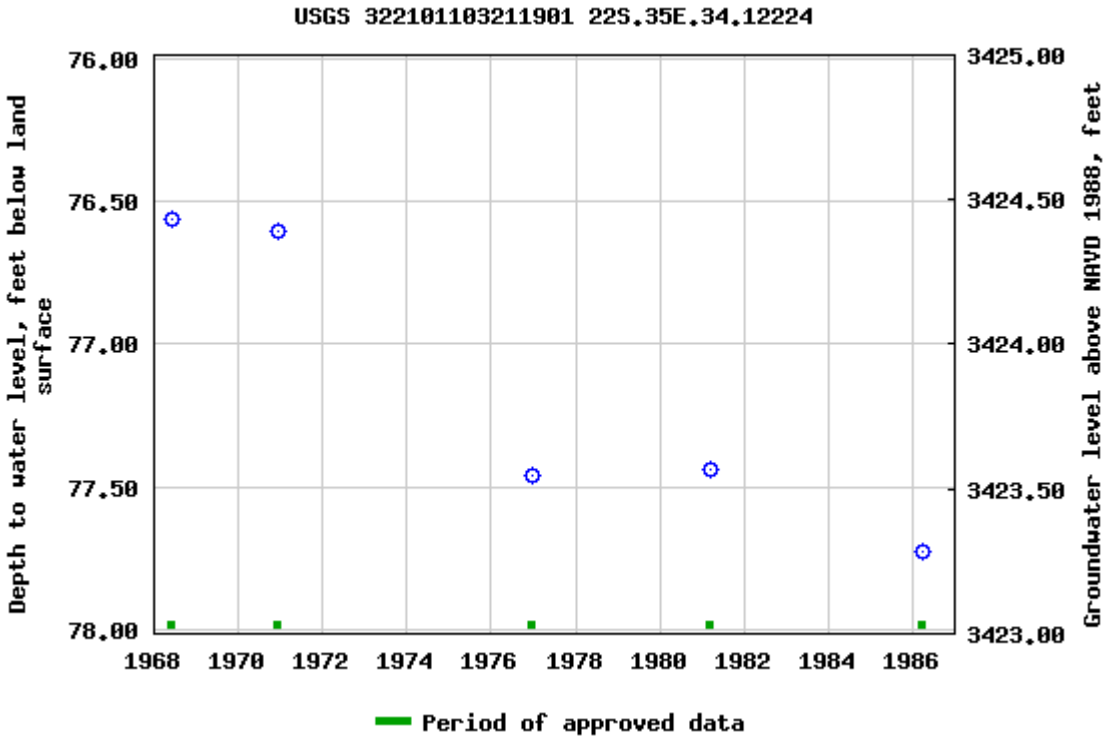
Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°21'01", Longitude 103°21'19" NAD27
Land-surface elevation 3,501 feet above NAVD88
The depth of the well is 98 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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Agency code = usgs
site_no list =
- 322101103211902

Minimum number of levels = 1
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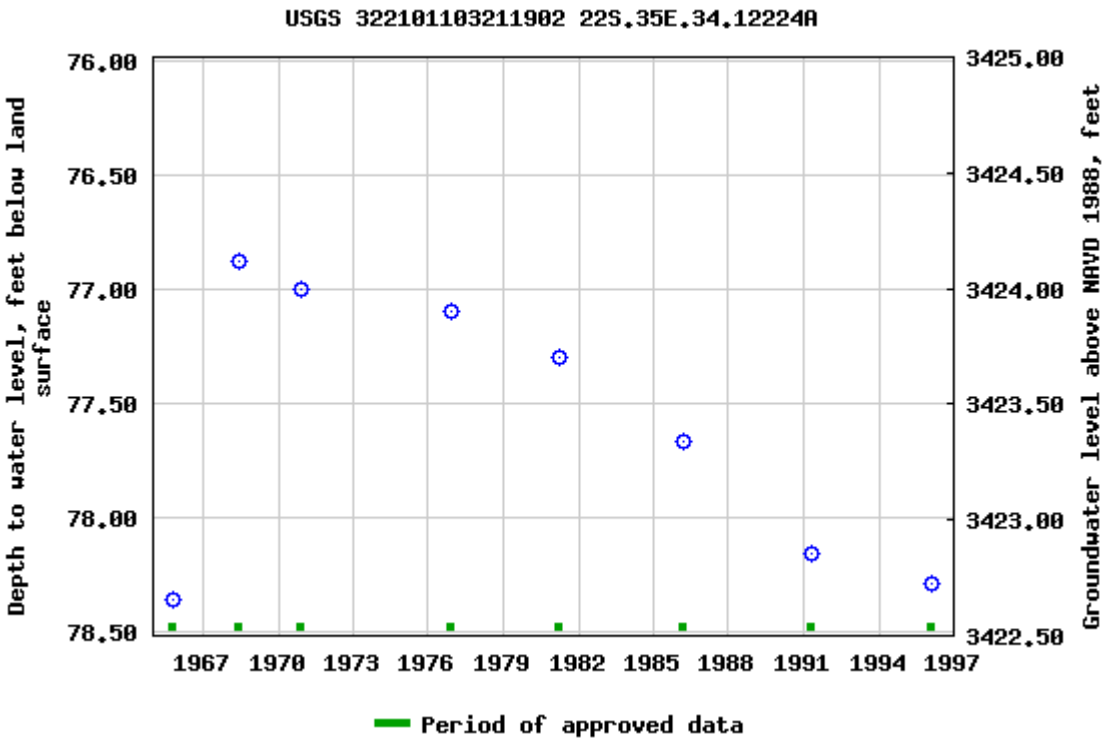
USGS 322101103211902 22S.35E.34.12224A

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°21'01", Longitude 103°21'19" NAD27
Land-surface elevation 3,501 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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- 322231103262601

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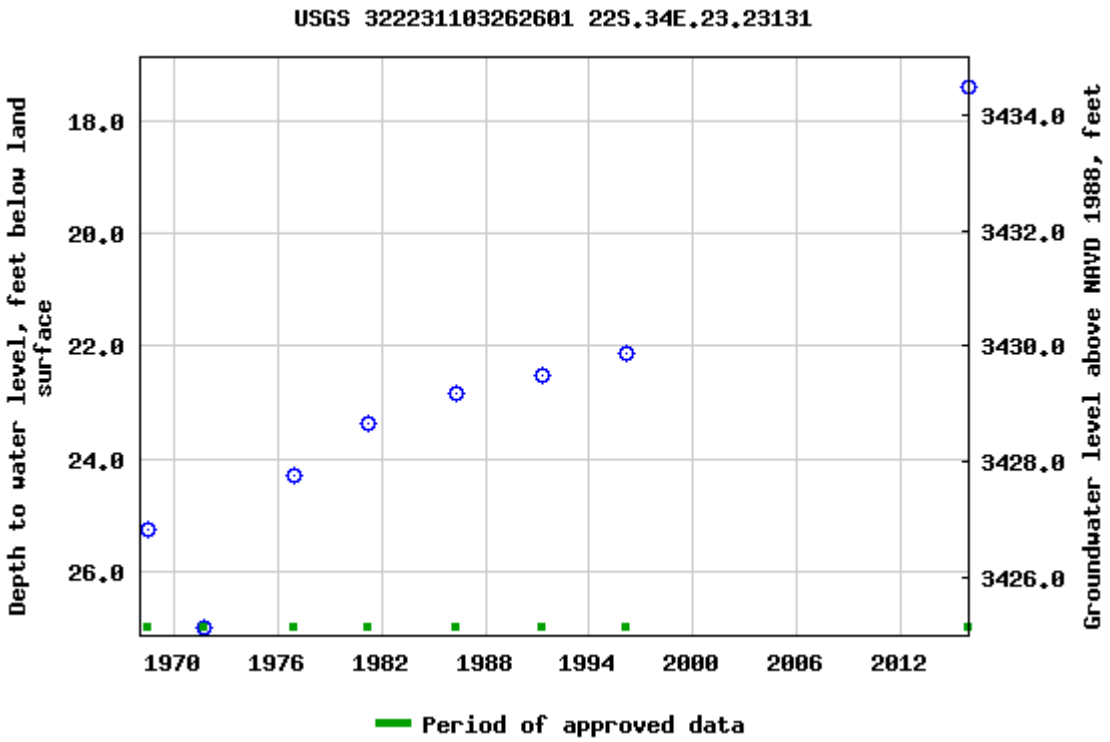
USGS 322231103262601 22S.34E.23.23131

Available data for this site | Groundwater: Field measurements | GO

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

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 322238103225201

Minimum number of levels = 1
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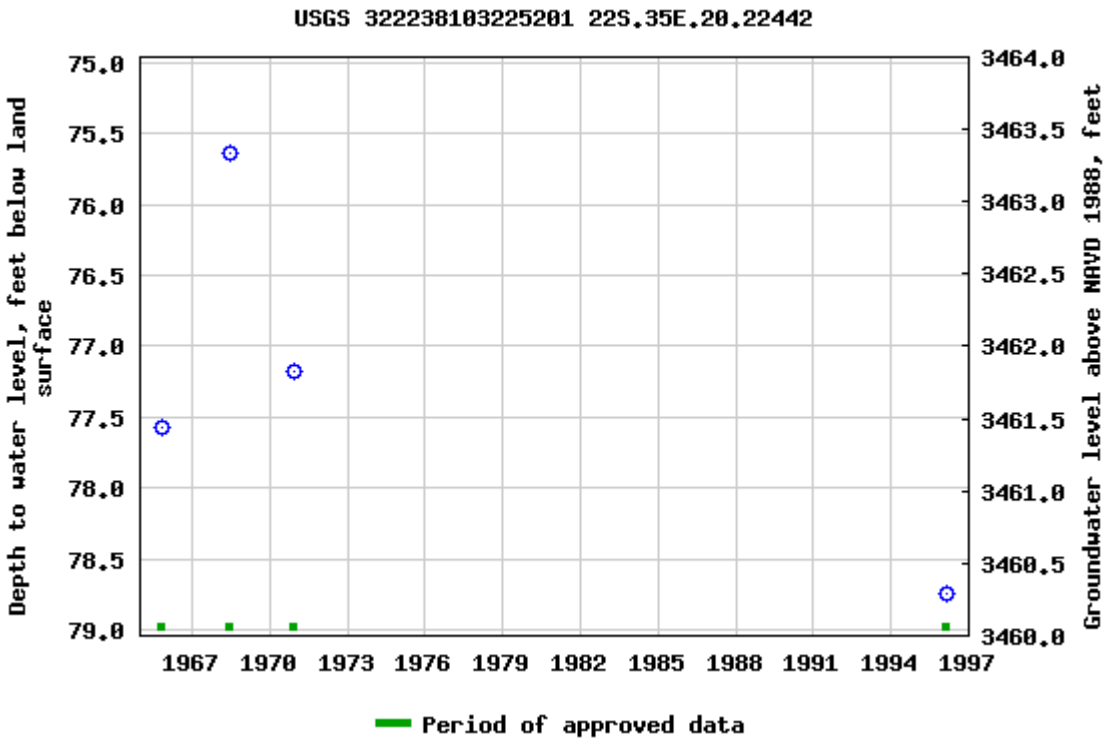
USGS 322238103225201 22S.35E.20.22442

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'38", Longitude 103°22'52" NAD27
Land-surface elevation 3,539 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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Agency code = usgs

site_no list =

- 322238103225202

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

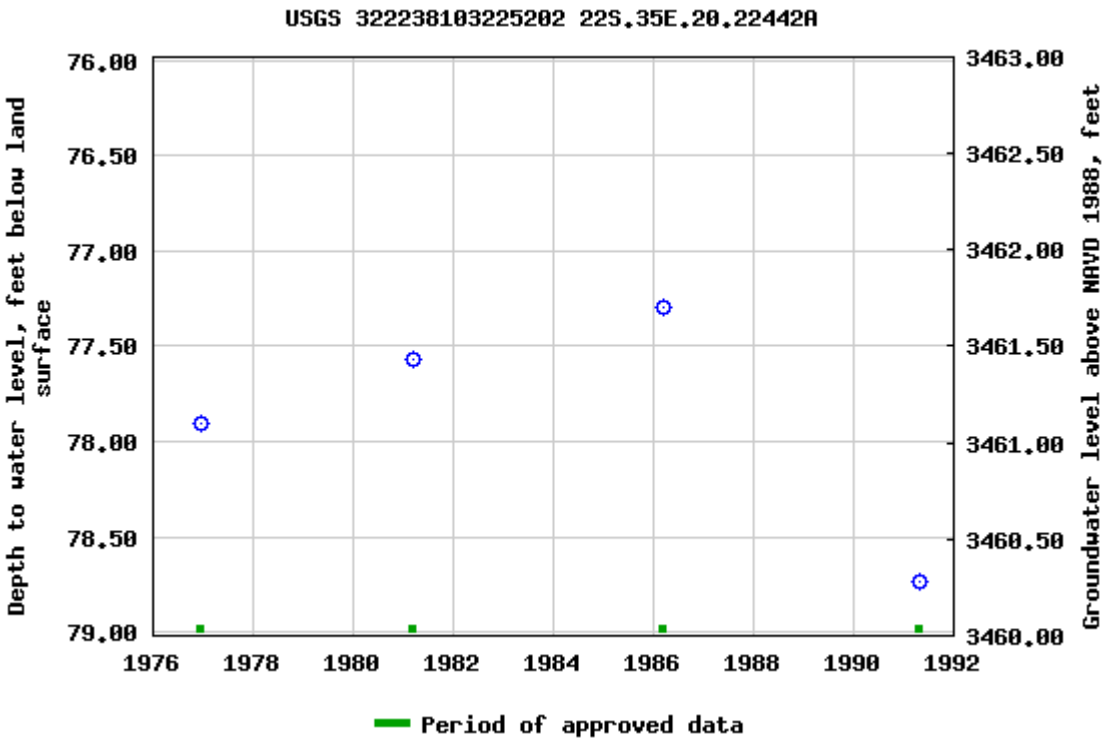
USGS 322238103225202 22S.35E.20.22442A

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'38", Longitude 103°22'52" NAD27
Land-surface elevation 3,539 feet above NAVD88
The depth of the well is 96 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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0.53 0.48 nadww01

APPENDIX C

Laboratory Analytical Reports

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

PBELAB

Analytical Report

Prepared for:

Tim McMinn

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

13000 West County Road 100

Odessa, TX 79765

Project: Winnebago CTB PW Release

Project Number: 15278

Location: Lea County, NM

Lab Order Number: 1L17006

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/21/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Auger Hole 1 @ 0"-6"	1L17006-01	Soil	12/16/21 11:32	12-17-2021 10:38
Auger Hole 2 @ 0"-6"	1L17006-02	Soil	12/16/21 11:40	12-17-2021 10:38
Auger Hole 3 @ 0"-6"	1L17006-03	Soil	12/16/21 11:50	12-17-2021 10:38
Auger Hole 4 @ 0"-6"	1L17006-04	Soil	12/16/21 12:00	12-17-2021 10:38
Auger Hole 5 @ 0"-6"	1L17006-05	Soil	12/16/21 12:15	12-17-2021 10:38
Auger Hole 6 @ 0"-6"	1L17006-06	Soil	12/16/21 12:24	12-17-2021 10:38
Auger Hole 7 @ 0"-6"	1L17006-07	Soil	12/16/21 12:32	12-17-2021 10:38
Auger Hole 8 @ 0"-6"	1L17006-08	Soil	12/16/21 12:45	12-17-2021 10:38
Auger Hole 9 @ 0"-6"	1L17006-09	Soil	12/16/21 13:00	12-17-2021 10:38

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 1 @ 0"-6"

1L17006-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 17:15	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 17:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 17:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 17:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 17:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 17:15*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.0 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 17:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**33.4**	1.00	mg/kg dry	1	P1L1710	12/17/21 16:59	12/17/21 21:25	EPA 300.0	
% Moisture	ND	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:01	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:01	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:01	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 18:01*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 18:01*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 18:01	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 2 @ 0''-6''

1L17006-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 18:19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 18:19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**48.4**	1.02	mg/kg dry	1	P1L1710	12/17/21 16:59	12/17/21 21:44	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:24	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:24	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:24	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 18:24*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 18:24*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 18:24	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 3 @ 0''-6''

1L17006-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:41	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:41	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:41	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:41	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 18:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 18:41*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.0 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 18:41*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.74**	1.03	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 10:04	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:47	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:47	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 18:47	TPH 8015M	
Surrogate: 1-Chlorooctane		*118 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 18:47*	*TPH 8015M*	
Surrogate: o-Terphenyl		*125 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 18:47*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 18:47	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 4 @ 0''-6''

1L17006-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:02	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:02	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.7 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 19:02*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 19:02*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**527**	1.00	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 11:01	EPA 300.0	
% Moisture	ND	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:09	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:09	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:09	TPH 8015M	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 19:09*	*TPH 8015M*	
Surrogate: o-Terphenyl		*122 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 19:09*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 19:09	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 5 @ 0''-6''

1L17006-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:23	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:23	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:23	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:23	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.4 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 19:23*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 19:23*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.88**	1.01	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 11:20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:33	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:33	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 19:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 19:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 19:33	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 6 @ 0''-6''

1L17006-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:45	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:45	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:45	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:45	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 19:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.2 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 19:45*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 19:45*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**245**	1.03	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 11:39	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:56	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:56	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 19:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*136 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 19:56*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*142 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 19:56*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 19:56	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 7 @ 0''-6''

1L17006-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:06	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:06	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:06	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:06	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 20:06*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 20:06*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.14**	1.02	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 11:58	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 20:19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 20:19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 20:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*118 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 20:19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 20:19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 20:19	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 8 @ 0''-6''

1L17006-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:27	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:27	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:27	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:27	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 20:27*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 20:27*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**737**	1.02	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 12:17	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 20:42	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 20:42	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 20:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 20:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*121 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 20:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 20:42	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 9 @ 0''-6''

1L17006-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:49	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:49	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:49	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:49	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1L1708	12/17/21 14:56	12/18/21 20:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 20:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.8 %*	*80-120*		*P1L1708*	*12/17/21 14:56*	*12/18/21 20:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**300**	1.03	mg/kg dry	1	P1L2001	12/20/21 08:03	12/20/21 12:36	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1L1801	12/18/21 11:52	12/18/21 11:54	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 21:05	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 21:05	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1L1706	12/17/21 15:00	12/17/21 21:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 21:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P1L1706*	*12/17/21 15:00*	*12/17/21 21:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	12/17/21 15:00	12/17/21 21:05	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1708 - * DEFAULT PREP *** **										
Blank (P1L1708-BLK1)				Prepared: 12/17/21 Analyzed: 12/18/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.0942*		*"*	*0.0990*		*95.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0947*		*"*	*0.0990*		*95.6*	*80-120*			
LCS (P1L1708-BS1)				Prepared: 12/17/21 Analyzed: 12/18/21						
Benzene	0.0768	0.00100	mg/kg wet	0.0859		89.4	70-130			
Toluene	0.0704	0.00100	"	0.0859		81.9	70-130			
Ethylbenzene	0.0718	0.00100	"	0.0859		83.6	70-130			
Xylene (p/m)	0.146	0.00200	"	0.172		85.2	70-130			
Xylene (o)	0.0691	0.00100	"	0.0859		80.4	70-130			
Surrogate: 1,4-Difluorobenzene	*0.104*		*"*	*0.103*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.103*		*105*	*80-120*			
LCS Dup (P1L1708-BSD1)				Prepared: 12/17/21 Analyzed: 12/18/21						
Benzene	0.0808	0.00100	mg/kg wet	0.0804		100	70-130	11.6	20	
Toluene	0.0737	0.00100	"	0.0804		91.7	70-130	11.2	20	
Ethylbenzene	0.0758	0.00100	"	0.0804		94.3	70-130	12.1	20	
Xylene (p/m)	0.154	0.00200	"	0.161		95.9	70-130	11.7	20	
Xylene (o)	0.0694	0.00100	"	0.0804		86.3	70-130	7.05	20	
Surrogate: 1,4-Difluorobenzene	*0.0976*		*"*	*0.0965*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.102*		*"*	*0.0965*		*105*	*80-120*			
Calibration Blank (P1L1708-CCB1)				Prepared: 12/17/21 Analyzed: 12/18/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.100		"							
Xylene (p/m)	0.210		"							
Xylene (o)	0.120		"							
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.6*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
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Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1708 - * DEFAULT PREP *** **										
Calibration Blank (P1L1708-CCB3)				Prepared: 12/17/21 Analyzed: 12/20/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Calibration Check (P1L1708-CCV1)				Prepared: 12/17/21 Analyzed: 12/18/21						
Benzene	0.0936	0.00100	mg/kg wet	0.100		93.6	80-120			
Toluene	0.0853	0.00100	"	0.100		85.3	80-120			
Ethylbenzene	0.0808	0.00100	"	0.100		80.8	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		87.9	80-120			
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*100*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.6*	*75-125*			
Calibration Check (P1L1708-CCV2)				Prepared: 12/17/21 Analyzed: 12/18/21						
Benzene	0.0976	0.00100	mg/kg wet	0.100		97.6	80-120			
Toluene	0.0891	0.00100	"	0.100		89.1	80-120			
Ethylbenzene	0.0843	0.00100	"	0.100		84.3	80-120			
Xylene (p/m)	0.183	0.00200	"	0.200		91.4	80-120			
Xylene (o)	0.0855	0.00100	"	0.100		85.5	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Calibration Check (P1L1708-CCV3)				Prepared: 12/17/21 Analyzed: 12/20/21						
Benzene	0.116	0.00100	mg/kg wet	0.100		116	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*100*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.4*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1708 - * DEFAULT PREP *** **										
Matrix Spike (P1L1708-MS1)	**Source: 1L17007-12**			Prepared: 12/17/21 Analyzed: 12/20/21						
Benzene	0.0740	0.00106	mg/kg dry	0.106	ND	69.9	80-120			QM-07
Toluene	0.0370	0.00106	"	0.106	ND	35.0	80-120			QM-07
Ethylbenzene	0.00148	0.00106	"	0.106	ND	1.40	80-120			QM-07
Xylene (p/m)	0.00924	0.00213	"	0.211	ND	4.37	80-120			QM-07
Xylene (o)	0.0533	0.00106	"	0.106	ND	50.4	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.127*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.139*		*"*	*0.127*		*110*	*80-120*			
Matrix Spike Dup (P1L1708-MSD1)	**Source: 1L17007-12**			Prepared: 12/17/21 Analyzed: 12/20/21						
Benzene	0.0778	0.00106	mg/kg dry	0.106	ND	73.6	80-120	5.09	20	QM-07
Toluene	0.0398	0.00106	"	0.106	ND	37.7	80-120	7.32	20	QM-07
Ethylbenzene	0.00111	0.00106	"	0.106	ND	1.05	80-120	28.6	20	QM-07
Xylene (p/m)	0.0150	0.00213	"	0.211	ND	7.07	80-120	47.2	20	QM-07
Xylene (o)	0.0514	0.00106	"	0.106	ND	48.6	80-120	3.62	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.127*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.139*		*"*	*0.127*		*110*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1710 - * DEFAULT PREP *** **										
Blank (P1L1710-BLK1)				Prepared & Analyzed: 12/17/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1L1710-BS1)				Prepared & Analyzed: 12/17/21						
Chloride	41.8		mg/kg	40.0		105	90-110			
LCS Dup (P1L1710-BSD1)				Prepared & Analyzed: 12/17/21						
Chloride	41.6		mg/kg	40.0		104	90-110	0.540	10	
Calibration Check (P1L1710-CCV2)				Prepared & Analyzed: 12/17/21						
Chloride	20.9		mg/kg	20.0		104	90-110			
Matrix Spike (P1L1710-MS1)		**Source: 1L17014-03**		Prepared & Analyzed: 12/17/21						
Chloride	3540	10.2	mg/kg dry	1020	2740	78.2	80-120			QM-05
Matrix Spike Dup (P1L1710-MSD1)		**Source: 1L17014-03**		Prepared & Analyzed: 12/17/21						
Chloride	3480	10.2	mg/kg dry	1020	2740	72.2	80-120	1.72	20	QM-05
Batch P1L1801 - * DEFAULT PREP *** **										
Blank (P1L1801-BLK1)				Prepared & Analyzed: 12/18/21						
% Moisture	ND	0.1	%							
Duplicate (P1L1801-DUP1)		**Source: 1L17006-05**		Prepared & Analyzed: 12/18/21						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1L1801-DUP2)		**Source: 1L17014-02**		Prepared & Analyzed: 12/18/21						
% Moisture	1.0	0.1	%		3.0			100	20	R2

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
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Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L2001 - * DEFAULT PREP *** **										
Blank (P1L2001-BLK1)				Prepared & Analyzed: 12/20/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1L2001-BS1)				Prepared & Analyzed: 12/20/21						
Chloride	44.0		mg/kg	40.0		110	90-110			
LCS Dup (P1L2001-BSD1)				Prepared & Analyzed: 12/20/21						
Chloride	43.7		mg/kg	40.0		109	90-110	0.618	10	
Calibration Blank (P1L2001-CCB1)				Prepared & Analyzed: 12/20/21						
Chloride	0.0550		mg/kg wet							
Calibration Blank (P1L2001-CCB2)				Prepared & Analyzed: 12/20/21						
Chloride	0.0580		mg/kg wet							
Calibration Check (P1L2001-CCV1)				Prepared & Analyzed: 12/20/21						
Chloride	21.6		mg/kg	20.0		108	90-110			
Calibration Check (P1L2001-CCV2)				Prepared & Analyzed: 12/20/21						
Chloride	20.7		mg/kg	20.0		103	90-110			
Calibration Check (P1L2001-CCV3)				Prepared & Analyzed: 12/20/21						
Chloride	20.8		mg/kg	20.0		104	90-110			
Matrix Spike (P1L2001-MS1)		**Source: 1L17006-03**		Prepared & Analyzed: 12/20/21						
Chloride	516	1.03	mg/kg dry	515	3.74	99.4	80-120			
Matrix Spike (P1L2001-MS2)		**Source: 1L17007-04**		Prepared & Analyzed: 12/20/21						
Chloride	1700	10.2	mg/kg dry	1020	663	101	80-120			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
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Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L2001 - * DEFAULT PREP *** **										
Matrix Spike Dup (P1L2001-MSD1)	**Source: 1L17006-03**			Prepared & Analyzed: 12/20/21						
Chloride	436	1.03	mg/kg dry	515	3.74	83.9	80-120	16.9	20	
Matrix Spike Dup (P1L2001-MSD2)	**Source: 1L17007-04**			Prepared & Analyzed: 12/20/21						
Chloride	1690	10.2	mg/kg dry	1020	663	101	80-120	0.350	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
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Odessa TX, 79765	Project Manager: Tim McMinn

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1706 - TX 1005										
Blank (P1L1706-BLK1)				Prepared & Analyzed: 12/17/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*85.6*		*"*	*100*		*85.6*	*70-130*			
Surrogate: o-Terphenyl	*44.5*		*"*	*50.0*		*89.0*	*70-130*			
LCS (P1L1706-BS1)				Prepared & Analyzed: 12/17/21						
C6-C12	930	25.0	mg/kg wet	1000		93.0	75-125			
>C12-C28	872	25.0	"	1000		87.2	75-125			
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*48.2*		*"*	*50.0*		*96.5*	*70-130*			
LCS Dup (P1L1706-BSD1)				Prepared & Analyzed: 12/17/21						
C6-C12	938	25.0	mg/kg wet	1000		93.8	75-125	0.861	20	
>C12-C28	873	25.0	"	1000		87.3	75-125	0.146	20	
Surrogate: 1-Chlorooctane	*125*		*"*	*100*		*125*	*70-130*			
Surrogate: o-Terphenyl	*47.9*		*"*	*50.0*		*95.8*	*70-130*			
Calibration Check (P1L1706-CCV1)				Prepared & Analyzed: 12/17/21						
C6-C12	547	25.0	mg/kg wet	500		109	85-115			
>C12-C28	541	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*45.4*		*"*	*50.0*		*90.7*	*70-130*			
Calibration Check (P1L1706-CCV2)				Prepared & Analyzed: 12/17/21						
C6-C12	541	25.0	mg/kg wet	500		108	85-115			
>C12-C28	519	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*42.8*		*"*	*50.0*		*85.6*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L1706 - TX 1005										
Duplicate (P1L1706-DUP1)	**Source: 1L17018-01**		Prepared: 12/17/21 Analyzed: 12/18/21							
C6-C12	1570	128	mg/kg dry		289			138	20	
>C12-C28	5420	128	"		996			138	20	
Surrogate: 1-Chlorooctane	*101*		*"*	*102*		*98.8*	*70-130*			
Surrogate: o-Terphenyl	*62.1*		*"*	*51.0*		*122*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Notes and Definitions

S-GC1	Surrogate recovery outside of control limits. A second analysis confirmed the original results..
ROI	Received on Ice
R2	The RPD exceeded the acceptance limit.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/21/2021

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

PBELAB Permian Basin Environmental Lab, LP

1400 Rankin Hwy   Midland Texas 79701   Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Tim McMinn
Company Name: Etech Environmental & Safety Solutions, Inc.
Company Address: P.O. Box 62228
City/State/Zip: Midland, Texas 79711
Sampler Signature: [signature] for CV   email: Tim@etechenv.com

Project Name: Winnebago CTB PW Release
Project #: 15278   Project Loc: Lea County, NM
Area: (Centennial) NM   PO#: 24262
☐ Bill Etech (invoice Centennial)

Report Format: STANDARD: ☐   TRRP: ☐   NPDES: ☐

(lab use only)
ORDER #: 1L17006

Analyze For: TCLP: ☐ ☐ ☐ ☐ (Metals, Volatiles, Semi volatiles, BTEX) TOTAL: ☐ ☐ ☐ ☐

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth (in)	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix (DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other)	TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	Auger Hole 1	0	6	12/16/21	1132	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
2	Auger Hole 2	0	6	↓	1140	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
3	Auger Hole 3	0	6	↓	1150	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
4	Auger Hole 4	0	6	↓	1200	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
5	Auger Hole 5	0	6	↓	1215	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
6	Auger Hole 6	0	6	↓	1224	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
7	Auger Hole 7	0	6	↓	1232	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
8	Auger Hole 8	0	6	↓	1245	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
9	Auger Hole 9	0	6	↓	100	1	☑	☐	☐	☐	☐	☐	☐	☐	S	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☐~~	☐	☐	☑	☐
							☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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Special Instructions: Hold for TPH and BTEX (need results by 12/22)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	12-16-21	10:38			
			[signature] Bledsoe	12/17/21	10:38

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
Sar by Sampler/Client Rep. ?	Y	N
Sar by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt: 4.9 5.9 CF+1 °C		

Page 1 of 1

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

PBELAB

Analytical Report

Prepared for:

Tim McMinn

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

13000 West County Road 100

Odessa, TX 79765

Project: Winnebago CTB PW Release

Project Number: 15278

Location: Lea County, NM

Lab Order Number: 2A21007

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 01/28/22

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Auger Hole 10 @ 0"-6"	2A21007-01	Soil	01/19/22 17:20	01-21-2022 14:00
Auger Hole 11 @ 0"-6"	2A21007-02	Soil	01/19/22 17:25	01-21-2022 14:00

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 10 @ 0''-6''

2A21007-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:06	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:06	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:06	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:06	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P2A2503*	*01/25/22 09:31*	*01/25/22 13:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2A2503*	*01/25/22 09:31*	*01/25/22 13:06*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1020**	5.10	mg/kg dry	5	P2A2405	01/24/22 12:17	01/24/22 17:56	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P2A2107	01/21/22 14:29	01/23/22 03:50	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2A2107	01/21/22 14:29	01/23/22 03:50	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2A2107	01/21/22 14:29	01/23/22 03:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P2A2107*	*01/21/22 14:29*	*01/23/22 03:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*137 %*	*70-130*		*P2A2107*	*01/21/22 14:29*	*01/23/22 03:50*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/21/22 14:29	01/23/22 03:50	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Auger Hole 11 @ 0"-6"

2A21007-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:27	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:27	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:27	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:27	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2A2503	01/25/22 09:31	01/25/22 13:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*80-120*		*P2A2503*	*01/25/22 09:31*	*01/25/22 13:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*80-120*		*P2A2503*	*01/25/22 09:31*	*01/25/22 13:27*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1070**	5.15	mg/kg dry	5	P2A2405	01/24/22 12:17	01/24/22 18:12	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P2A2402	01/24/22 10:56	01/24/22 10:57	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P2A2107	01/21/22 14:29	01/23/22 04:11	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2A2107	01/21/22 14:29	01/23/22 04:11	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2A2107	01/21/22 14:29	01/23/22 04:11	TPH 8015M	
Surrogate: 1-Chlorooctane		*121 %*	*70-130*		*P2A2107*	*01/21/22 14:29*	*01/23/22 04:11*	*TPH 8015M*	
Surrogate: o-Terphenyl		*138 %*	*70-130*		*P2A2107*	*01/21/22 14:29*	*01/23/22 04:11*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/21/22 14:29	01/23/22 04:11	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A2503 - * DEFAULT PREP *** **										
Blank (P2A2503-BLK1)				Prepared & Analyzed: 01/25/22						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.4*	*80-120*			
LCS (P2A2503-BS1)				Prepared & Analyzed: 01/25/22						
Benzene	0.0881	0.00100	mg/kg wet	0.100		88.1	70-130			
Toluene	0.0852	0.00100	"	0.100		85.2	70-130			
Ethylbenzene	0.0910	0.00100	"	0.100		91.0	70-130			
Xylene (p/m)	0.181	0.00200	"	0.200		90.5	70-130			
Xylene (o)	0.0822	0.00100	"	0.100		82.2	70-130			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			
LCS Dup (P2A2503-BSD1)				Prepared & Analyzed: 01/25/22						
Benzene	0.0923	0.00100	mg/kg wet	0.100		92.3	70-130	4.65	20	
Toluene	0.0912	0.00100	"	0.100		91.2	70-130	6.78	20	
Ethylbenzene	0.0971	0.00100	"	0.100		97.1	70-130	6.47	20	
Xylene (p/m)	0.193	0.00200	"	0.200		96.5	70-130	6.43	20	
Xylene (o)	0.0876	0.00100	"	0.100		87.6	70-130	6.44	20	
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*80-120*			
Calibration Blank (P2A2503-CCB1)				Prepared & Analyzed: 01/25/22						
Benzene	0.170		mg/kg wet							
Toluene	0.180		"							
Ethylbenzene	0.190		"							
Xylene (p/m)	0.340		"							
Xylene (o)	0.130		"							
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*93.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.5*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A2503 - * DEFAULT PREP *** **										
Calibration Check (P2A2503-CCV1)				Prepared & Analyzed: 01/25/22						
Benzene	0.111	0.00100	mg/kg wet	0.100		111	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.2*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*104*	*75-125*			
Matrix Spike (P2A2503-MS1)		**Source: 2A25003-01**		Prepared & Analyzed: 01/25/22						
Benzene	0.0806	0.00110	mg/kg dry	0.110	0.00104	72.4	80-120			QM-07
Toluene	0.121	0.00110	"	0.110	0.0400	73.5	80-120			QM-07
Ethylbenzene	0.232	0.00110	"	0.110	0.126	96.3	80-120			
Xylene (p/m)	0.939	0.00220	"	0.220	0.623	144	80-120			QM-07
Xylene (o)	0.311	0.00110	"	0.110	0.188	112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.140*		"	*0.132*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.151*		"	*0.132*		*114*	*80-120*			
Matrix Spike Dup (P2A2503-MSD1)		**Source: 2A25003-01**		Prepared & Analyzed: 01/25/22						
Benzene	0.0805	0.00110	mg/kg dry	0.110	0.00104	72.3	80-120	0.152	20	QM-07
Toluene	0.118	0.00110	"	0.110	0.0400	70.6	80-120	4.07	20	QM-07
Ethylbenzene	0.217	0.00110	"	0.110	0.126	82.9	80-120	15.0	20	
Xylene (p/m)	0.870	0.00220	"	0.220	0.623	112	80-120	24.4	20	QM-07
Xylene (o)	0.294	0.00110	"	0.110	0.188	95.8	80-120	15.5	20	
Surrogate: 1,4-Difluorobenzene	*0.150*		"	*0.132*		*114*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.138*		"	*0.132*		*105*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A2405 - * DEFAULT PREP *** **										
Matrix Spike (P2A2405-MS1)	**Source: 2A19023-01**			Prepared & Analyzed: 01/24/22						
Chloride	2330	10.3	mg/kg dry	515	1860	91.8	80-120			
Matrix Spike (P2A2405-MS2)	**Source: 2A21009-06**			Prepared & Analyzed: 01/24/22						
Chloride	394	1.03	mg/kg dry	258	183	81.7	80-120			
Matrix Spike Dup (P2A2405-MSD1)	**Source: 2A19023-01**			Prepared & Analyzed: 01/24/22						
Chloride	2350	10.3	mg/kg dry	515	1860	94.4	80-120	0.569	20	
Matrix Spike Dup (P2A2405-MSD2)	**Source: 2A21009-06**			Prepared & Analyzed: 01/24/22						
Chloride	381	1.03	mg/kg dry	258	183	76.5	80-120	3.51	20	QM-05

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A2107 - * DEFAULT PREP *** **										
Blank (P2A2107-BLK1)				Prepared: 01/21/22 Analyzed: 01/22/22						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*131*		"	*120*		*109*	*70-130*			
Surrogate: o-Terphenyl	*75.2*		"	*60.0*		*125*	*70-130*			
LCS (P2A2107-BS1)				Prepared: 01/21/22 Analyzed: 01/22/22						
C6-C12	838	25.0	mg/kg wet	1000		83.8	75-125			
>C12-C28	902	25.0	"	1000		90.2	75-125			
Surrogate: 1-Chlorooctane	*143*		"	*120*		*119*	*70-130*			
Surrogate: o-Terphenyl	*80.6*		"	*60.0*		*134*	*70-130*			*S-GC*
LCS Dup (P2A2107-BSD1)				Prepared: 01/21/22 Analyzed: 01/22/22						
C6-C12	863	25.0	mg/kg wet	1000		86.3	75-125	2.89	20	
>C12-C28	959	25.0	"	1000		95.9	75-125	6.17	20	
Surrogate: 1-Chlorooctane	*148*		"	*120*		*123*	*70-130*			
Surrogate: o-Terphenyl	*82.8*		"	*60.0*		*138*	*70-130*			*S-GC*
Calibration Check (P2A2107-CCV1)				Prepared: 01/21/22 Analyzed: 01/22/22						
C6-C12	482	25.0	mg/kg wet	500		96.5	85-115			
>C12-C28	490	25.0	"	500		98.0	85-115			
Surrogate: 1-Chlorooctane	*156*		"	*120*		*130*	*70-130*			
Surrogate: o-Terphenyl	*75.3*		"	*60.0*		*126*	*70-130*			
Calibration Check (P2A2107-CCV2)				Prepared: 01/21/22 Analyzed: 01/23/22						
C6-C12	462	25.0	mg/kg wet	500		92.4	85-115			
>C12-C28	490	25.0	"	500		98.0	85-115			
Surrogate: 1-Chlorooctane	*158*		"	*120*		*132*	*70-130*			*S-GC*
Surrogate: o-Terphenyl	*75.6*		"	*60.0*		*126*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2A2107 - * DEFAULT PREP *** **										
Calibration Check (P2A2107-CCV3)				Prepared: 01/21/22 Analyzed: 01/23/22						
C6-C12	486	25.0	mg/kg wet	500		97.3	85-115			
>C12-C28	507	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	*157*		*"*	*120*		*131*	*70-130*			*S-GC*
Surrogate: o-Terphenyl	*75.6*		*"*	*60.0*		*126*	*70-130*			
Duplicate (P2A2107-DUP1)		**Source: 2A21001-01**		Prepared: 01/21/22 Analyzed: 01/23/22						
C6-C12	88100	543	mg/kg dry		8520			165	20	
>C12-C28	549000	543	"		52900			165	20	
Surrogate: 1-Chlorooctane	*4350*		*"*	*2610*		*167*	*70-130*			*S-GC*
Surrogate: o-Terphenyl	*1650*		*"*	*1300*		*126*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/28/2022

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

PBELAB Permian Basin Environmental Lab, LP

1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Centennial

Project Name: Winnebago CTB PW

Project #: 15278.001 Project Loc: Lea County, NM

Area: PO#: 24262

☐ Bill Etech Invoice Centennial

Project Manager: Tim McMinn

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 62228

City/State/Zip: Midland, Texas 79711

Sampler Signature: email: Tim@etechenv.com

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

(lab use only)
ORDER #: 2A21007

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 (8015M) 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT(Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	Auger Hole 1D @ 0-6"			1/19/22	1720	1	X								S	X							X			X		X
2	Auger Hole 11 @ 0-6"			1/19/22	1725	1	X								S	X							X			X		X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	1/21/22	2:00pm			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
				1-21-22	200

Laboratory Comments:

Sample Containers Intact?	Y	N			
VOCs Free of Headspace?	Y	N			
Custody seals on container(s)	Y	N			
Custody seals on cooler(s)	Y	N			
Sample Hand Delivered	Y	N			
Sar by Sampler/Client Rep. ?	Y	N			
Sar by Courier?	UPS	DHL	FedEx	Lone Star	

Temperature Upon Receipt: 5.2-6.2 °C/F

PBELAB

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

Sample Receipt Checklist

Yes		Notes
✓	Chain of custody present?	
	Chain of custody signed/dated/time when relinquished and received?	
	Samples collection present on COC for all samples?	
	Samplers name present on COC?	
	Chain of custody agrees with sample labels?	
	Sample containers intact?	
	Custody seals intact on sample bottles?	
	Samples in proper container/bottle?	
	Sufficient sample volume for indicated test?	
	All samples received within holding time?	
X	Samples received with appropriate temp?	6.2
✓	Analysis requested for all samples submitted?	
	Shipping container/cooler in good condition?	
	Custody seals intact on shipping container/cooler?	

Login Notes: 4oz 2A21007

PBELAB

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

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy: temp 6.2 on ice

Resolution:

Client Contacted NO

Name:

Date/Time:

NC initiated by: TB Approved by:

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

PBELAB

Analytical Report

Prepared for:

Tim McMinn

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

13000 West County Road 100

Odessa, TX 79765

Project: Winnebago CTB PW Release

Project Number: 15278

Location: Lea County, Nm

Lab Order Number: 2D07001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 04/08/22

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp BH1 @ 2'	2D07001-01	Soil	04/05/22 10:45	04-06-2022 16:55
Comp BH 2 @ 2'	2D07001-02	Soil	04/05/22 10:53	04-06-2022 16:55
Comp BH 3 @ 2.5'	2D07001-03	Soil	04/05/22 10:59	04-06-2022 16:55
Comp BH 4 @ 1.5'	2D07001-04	Soil	04/05/22 11:04	04-06-2022 16:55

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH1 @ 2'

2D07001-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00115	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 13:48	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 13:48	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 13:48	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 13:48	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 13:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*80-120*		*P2D0701*	*04/07/22 09:47*	*04/07/22 13:48*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2D0701*	*04/07/22 09:47*	*04/07/22 13:48*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**580**	1.15	mg/kg dry	1	P2D0702	04/07/22 09:47	04/07/22 18:46	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P2D0707	04/07/22 15:39	04/07/22 15:41	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:06	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:06	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:06	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.0 %*	*70-130*		*P2D0708*	*04/07/22 15:00*	*04/07/22 19:06*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.3 %*	*70-130*		*P2D0708*	*04/07/22 15:00*	*04/07/22 19:06*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	04/07/22 15:00	04/07/22 19:06	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH 2 @ 2'

2D07001-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00114	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 13:26	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:09	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:09	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:09	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 13:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P2D0701*	*04/07/22 09:47*	*04/07/22 14:09*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*80-120*		*P2D0701*	*04/07/22 09:47*	*04/07/22 13:26*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1080**	1.14	mg/kg dry	1	P2D0702	04/07/22 09:47	04/07/22 19:05	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P2D0707	04/07/22 15:39	04/07/22 15:41	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:28	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:28	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:28	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.1 %*	*70-130*		*P2D0708*	*04/07/22 15:00*	*04/07/22 19:28*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.7 %*	*70-130*		*P2D0708*	*04/07/22 15:00*	*04/07/22 19:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	04/07/22 15:00	04/07/22 19:28	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH 3 @ 2.5'

2D07001-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:31	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:31	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:31	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:31	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2D0701*	*04/07/22 09:47*	*04/07/22 14:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P2D0701*	*04/07/22 09:47*	*04/07/22 14:31*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1300**	1.11	mg/kg dry	1	P2D0702	04/07/22 09:47	04/07/22 19:24	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P2D0707	04/07/22 15:39	04/07/22 15:41	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:49	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:49	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 19:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.2 %*	*70-130*		*P2D0708*	*04/07/22 15:00*	*04/07/22 19:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.5 %*	*70-130*		*P2D0708*	*04/07/22 15:00*	*04/07/22 19:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	04/07/22 15:00	04/07/22 19:49	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH 4 @ 1.5'

2D07001-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:52	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:52	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:52	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:52	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2D0701	04/07/22 09:47	04/07/22 14:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P2D0701*	*04/07/22 09:47*	*04/07/22 14:52*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2D0701*	*04/07/22 09:47*	*04/07/22 14:52*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1520**	1.10	mg/kg dry	1	P2D0704	04/07/22 13:29	04/07/22 16:42	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2D0707	04/07/22 15:39	04/07/22 15:41	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 20:11	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 20:11	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2D0708	04/07/22 15:00	04/07/22 20:11	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.8 %*	*70-130*		*P2D0708*	*04/07/22 15:00*	*04/07/22 20:11*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.4 %*	*70-130*		*P2D0708*	*04/07/22 15:00*	*04/07/22 20:11*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	04/07/22 15:00	04/07/22 20:11	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2D0701 - General Preparation (GC)										
Blank (P2D0701-BLK1)				Prepared & Analyzed: 04/07/22						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.6*	*80-120*			
LCS (P2D0701-BS1)				Prepared & Analyzed: 04/07/22						
Benzene	0.0949	0.00100	mg/kg wet	0.100		94.9	80-120			
Toluene	0.0893	0.00100	"	0.100		89.3	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0908	0.00100	"	0.100		90.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.9*	*80-120*			
LCS Dup (P2D0701-BSD1)				Prepared & Analyzed: 04/07/22						
Benzene	0.0970	0.00100	mg/kg wet	0.100		97.0	80-120	2.17	20	
Toluene	0.0916	0.00100	"	0.100		91.6	80-120	2.55	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120	2.44	20	
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120	2.32	20	
Xylene (o)	0.0928	0.00100	"	0.100		92.8	80-120	2.25	20	
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Calibration Blank (P2D0701-CCB1)				Prepared & Analyzed: 04/07/22						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.240		"							
Xylene (p/m)	0.310		"							
Xylene (o)	0.160		"							
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2D0701 - General Preparation (GC)										
Calibration Check (P2D0701-CCV1)				Prepared & Analyzed: 04/07/22						
Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		118	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2D0702 - * DEFAULT PREP *** **										
Blank (P2D0702-BLK1)				Prepared & Analyzed: 04/07/22						
Chloride	ND	1.00	mg/kg wet							
LCS (P2D0702-BS1)				Prepared & Analyzed: 04/07/22						
Chloride	40.5		mg/kg	40.0		101	90-110			
LCS Dup (P2D0702-BSD1)				Prepared & Analyzed: 04/07/22						
Chloride	40.7		mg/kg	40.0		102	90-110	0.342	10	
Calibration Blank (P2D0702-CCB1)				Prepared & Analyzed: 04/07/22						
Chloride	0.107		mg/kg wet							
Calibration Blank (P2D0702-CCB2)				Prepared & Analyzed: 04/07/22						
Chloride	0.114		mg/kg wet							
Calibration Check (P2D0702-CCV1)				Prepared & Analyzed: 04/07/22						
Chloride	19.9		mg/kg	20.0		99.4	90-110			
Calibration Check (P2D0702-CCV2)				Prepared & Analyzed: 04/07/22						
Chloride	20.1		mg/kg	20.0		101	90-110			
Calibration Check (P2D0702-CCV3)				Prepared & Analyzed: 04/07/22						
Chloride	20.3		mg/kg	20.0		101	90-110			
Matrix Spike (P2D0702-MS1)		**Source: 2D06005-07**		Prepared & Analyzed: 04/07/22						
Chloride	1690	11.2	mg/kg dry	562	451	220	80-120			QM-05
Matrix Spike (P2D0702-MS2)		**Source: 2D06006-08**		Prepared & Analyzed: 04/07/22						
Chloride	1940	28.4	mg/kg dry	1420	561	97.0	80-120			QM-05

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2D0702 - * DEFAULT PREP *** **										
Matrix Spike Dup (P2D0702-MSD1)	**Source: 2D06005-07**			Prepared & Analyzed: 04/07/22						
Chloride	1150	11.2	mg/kg dry	562	451	125	80-120	37.8	20	QM-05
Matrix Spike Dup (P2D0702-MSD2)	**Source: 2D06006-08**			Prepared & Analyzed: 04/07/22						
Chloride	1930	28.4	mg/kg dry	1420	561	96.2	80-120	0.602	20	QM-05
Batch P2D0704 - * DEFAULT PREP *** **										
Blank (P2D0704-BLK1)				Prepared & Analyzed: 04/07/22						
Chloride	ND	1.00	mg/kg wet							
LCS (P2D0704-BS1)				Prepared & Analyzed: 04/07/22						
Chloride	42.0		mg/kg	40.0		105	90-110			
LCS Dup (P2D0704-BSD1)				Prepared & Analyzed: 04/07/22						
Chloride	42.2		mg/kg	40.0		106	90-110	0.477	10	
Calibration Blank (P2D0704-CCB1)				Prepared & Analyzed: 04/07/22						
Chloride	0.215		mg/kg wet							
Calibration Blank (P2D0704-CCB2)				Prepared & Analyzed: 04/07/22						
Chloride	0.132		mg/kg wet							
Calibration Check (P2D0704-CCV1)				Prepared & Analyzed: 04/07/22						
Chloride	21.2		mg/kg	20.0		106	90-110			
Calibration Check (P2D0704-CCV2)				Prepared & Analyzed: 04/07/22						
Chloride	21.4		mg/kg	20.0		107	90-110			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2D0704 - * DEFAULT PREP *** **										
Calibration Check (P2D0704-CCV3)				Prepared & Analyzed: 04/07/22						
Chloride	21.6		mg/kg	20.0		108	90-110			
Matrix Spike (P2D0704-MS1)		Source: 2D07001-04		Prepared & Analyzed: 04/07/22						
Chloride	1640	1.10	mg/kg dry	275	1520	44.0	80-120			QM-05
Matrix Spike (P2D0704-MS2)		Source: 2D05002-10		Prepared & Analyzed: 04/07/22						
Chloride	1390	5.68	mg/kg dry	284	1080	110	80-120			
Matrix Spike Dup (P2D0704-MSD1)		Source: 2D07001-04		Prepared & Analyzed: 04/07/22						
Chloride	1550	1.10	mg/kg dry	275	1520	10.1	80-120	5.83	20	QM-05
Matrix Spike Dup (P2D0704-MSD2)		Source: 2D05002-10		Prepared & Analyzed: 04/07/22						
Chloride	1370	5.68	mg/kg dry	284	1080	104	80-120	1.24	20	
Batch P2D0707 - * DEFAULT PREP *** **										
Blank (P2D0707-BLK1)				Prepared & Analyzed: 04/07/22						
% Moisture	ND	0.1	%							
Blank (P2D0707-BLK2)				Prepared & Analyzed: 04/07/22						
% Moisture	ND	0.1	%							
Duplicate (P2D0707-DUP1)		Source: 2D06005-04		Prepared & Analyzed: 04/07/22						
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P2D0707-DUP2)		Source: 2D06006-05		Prepared & Analyzed: 04/07/22						
% Moisture	12.0	0.1	%		12.0			0.00	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2D0707 - * DEFAULT PREP *** **										
Duplicate (P2D0707-DUP3)		**Source: 2D07002-02**		Prepared & Analyzed: 04/07/22						
% Moisture	9.0	0.1	%		10.0			10.5	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2D0708 - * DEFAULT PREP *** **										
Blank (P2D0708-BLK1)				Prepared & Analyzed: 04/07/22						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*94.5*		*"*	*100*		*94.5*	*70-130*			
Surrogate: o-Terphenyl	*50.3*		*"*	*50.0*		*101*	*70-130*			
LCS (P2D0708-BS1)				Prepared & Analyzed: 04/07/22						
C6-C12	835	25.0	mg/kg wet	1000		83.5	75-125			
>C12-C28	898	25.0	"	1000		89.8	75-125			
Surrogate: 1-Chlorooctane	*125*		*"*	*100*		*125*	*70-130*			
Surrogate: o-Terphenyl	*53.4*		*"*	*50.0*		*107*	*70-130*			
LCS Dup (P2D0708-BSD1)				Prepared & Analyzed: 04/07/22						
C6-C12	859	25.0	mg/kg wet	1000		85.9	75-125	2.90	20	
>C12-C28	937	25.0	"	1000		93.7	75-125	4.32	20	
Surrogate: 1-Chlorooctane	*129*		*"*	*100*		*129*	*70-130*			
Surrogate: o-Terphenyl	*54.8*		*"*	*50.0*		*110*	*70-130*			
Calibration Check (P2D0708-CCV1)				Prepared & Analyzed: 04/07/22						
C6-C12	467	25.0	mg/kg wet	500		93.3	85-115			
>C12-C28	441	25.0	"	500		88.2	85-115			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*49.5*		*"*	*50.0*		*98.9*	*70-130*			
Duplicate (P2D0708-DUP1)	**Source: 2D07024-05**			Prepared & Analyzed: 04/07/22						
C6-C12	9050	250	mg/kg wet		8930			1.36	20	
>C12-C28	40800	250	"		41000			0.523	20	
Surrogate: 1-Chlorooctane	*985*		*"*	*1000*		*98.5*	*70-130*			
Surrogate: o-Terphenyl	*499*		*"*	*500*		*99.8*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Tim McMinn

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 4/8/2022

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Winnebago CTB PW Release
13000 West County Road 100	Project Number:	15278
Odessa TX, 79765	Project Manager:	Tim McMinn

PBELAB Permian Basin Environmental Lab, LP

1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

CBCH C:MM WCU

Centennial

Project Manager: Tim McMinn

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 62228

City/State/Zip: Midland, Texas 79711

Sampler Signature: [signature] email: Tim@etechenv.com, Wesley@etechenv.com

Project Name: Winnebago CTB PW

Project #: 15278.001 Project Loc: Lea County, NM

Area: PO#: 24262

☐ Bill Etech

Report Format: STANDARD: ☐ TRRP: ☐ NPDES: ☐

(lab use only)
ORDER #: 2D07001

Analyze For: TCLP: ☐ ☐ ☐ ☐ TOTAL: ☐ ☐ ☐ ☐

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix (DW=Drinking Water SL=Sludge, GW = Groundwater S=Soil/Solid, NP=Non-Potable Specify Other)	TPH: 418.1 (8015M) 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX (8021B) 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides			RUSH TAT (Pre-Schedule) (24), 48, 72 hrs	STANDARD TAT
01	Comp BH1 @ 2'			4/5/22	1045	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
02	Comp BH2 @ 2'			4/5/22	1053	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
03	Comp BH3 @ 2.5'			4/5/22	1059	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
04	Comp BH4 @ 1.5'			4/5/22	1104	1	☒	☐	☐	☐	☐	☐	☐	☐	S	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐

Special Instructions: Bill to Centennial Resource Development

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	4/6/22	16:55			
			[signature]	4/6/22	16:55

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
Sar by Sampler/Client Rep. ? Y N
Sar by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 4.3 5.3 CF+1 °C

Page 1 of 1

Page 16 of 17

PBELAB

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

Sample Receipt Checklist

Yes		Notes
✓	Chain of custody present?	
	Chain of custody signed/dated/time when relinquished and received?	
	Sample date/time present on COC for all samples?	
	Samplers name present on COC?	
	Chain of custody agrees with sample labels?	
	Sample containers intact?	
	Custody seals intact on sample bottles?	
	Samples in proper container/bottle?	
	Sufficient sample volume for indicated test?	
	All samples received within holding time?	
	Samples received within appropriate temp?	3.3
	Analysis requested for all samples submitted?	
	Shipping container/cooler in good condition?	
	Custody seals intact on shipping container/cooler?	

Login Notes:
2D2 2D07001

PBELAB

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

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name:

Date/Time:

NC Initiated by:____________________ Approved by:____________

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

PBELAB

Analytical Report

Prepared for:

Wesely Desilets

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

13000 West County Road 100

Odessa, TX 79765

Project: Winnebago CTB PW Release

Project Number: 15278

Location: Lea County, TX

Lab Order Number: 2E18005

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 05/19/22

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Wesely Desilets

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp BH2A @ 8'	2E18005-01	Soil	05/16/22 10:30	05-18-2022 11:17
Comp BH3A @ 4'	2E18005-02	Soil	05/16/22 10:40	05-18-2022 11:17
Comp BH4A @ 4'	2E18005-03	Soil	05/16/22 10:45	05-18-2022 11:17

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Wesely Desilets

Comp BH2A @ 8'

2E18005-01 (Soil)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	**223**	1.00	mg/kg dry	1	P2E1804	05/18/22 12:39	05/18/22 21:25	EPA 300.0	
% Moisture	ND	0.1	%	1	P2E1904	05/19/22 10:39	05/19/22 10:42	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Wesely Desilets

Comp BH3A @ 4'

2E18005-02 (Soil)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	**1460**	1.00	mg/kg dry	1	P2E1804	05/18/22 12:39	05/18/22 21:44	EPA 300.0	
% Moisture	ND	0.1	%	1	P2E1904	05/19/22 10:39	05/19/22 10:42	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Wesely Desilets

Comp BH4A @ 4'

2E18005-03 (Soil)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	**1030**	1.01	mg/kg dry	1	P2E1804	05/18/22 12:39	05/18/22 22:03	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P2E1904	05/19/22 10:39	05/19/22 10:42	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Wesely Desilets

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E1804 - * DEFAULT PREP *** **										
Blank (P2E1804-BLK1)				Prepared & Analyzed: 05/18/22						
Chloride	ND	1.00	mg/kg							
LCS (P2E1804-BS1)				Prepared & Analyzed: 05/18/22						
Chloride	40.8		mg/kg	40.0		102	90-110			
LCS Dup (P2E1804-BSD1)				Prepared & Analyzed: 05/18/22						
Chloride	40.7		mg/kg	40.0		102	90-110	0.0491	10	
Calibration Blank (P2E1804-CCB1)				Prepared & Analyzed: 05/18/22						
Chloride	0.0230		mg/kg							
Calibration Blank (P2E1804-CCB2)				Prepared & Analyzed: 05/18/22						
Chloride	0.0410		mg/kg							
Calibration Check (P2E1804-CCV1)				Prepared & Analyzed: 05/18/22						
Chloride	20.2		mg/kg	20.0		101	90-110			
Calibration Check (P2E1804-CCV2)				Prepared & Analyzed: 05/18/22						
Chloride	20.6		mg/kg	20.0		103	90-110			
Calibration Check (P2E1804-CCV3)				Prepared: 05/18/22 Analyzed: 05/19/22						
Chloride	20.6		mg/kg	20.0		103	90-110			
Matrix Spike (P2E1804-MS1)		**Source: 2E18001-01**		Prepared & Analyzed: 05/18/22						
Chloride	12700	29.4	mg/kg dry	588	11300	237	80-120			QM-05
Matrix Spike (P2E1804-MS2)		**Source: 2E13002-02**		Prepared: 05/18/22 Analyzed: 05/19/22						
Chloride	2050	5.21	mg/kg dry	260	1790	101	80-120			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Wesely Desilets

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E1804 - * DEFAULT PREP *** **										
Matrix Spike Dup (P2E1804-MSD1)	**Source: 2E18001-01**			Prepared & Analyzed: 05/18/22						
Chloride	12800	29.4	mg/kg dry	588	11300	250	80-120	0.629	20	QM-05
Matrix Spike Dup (P2E1804-MSD2)	**Source: 2E13002-02**			Prepared: 05/18/22 Analyzed: 05/19/22						
Chloride	2050	5.21	mg/kg dry	260	1790	98.5	80-120	0.287	20	
Batch P2E1904 - * DEFAULT PREP *** **										
Blank (P2E1904-BLK1)				Prepared & Analyzed: 05/19/22						
% Moisture	ND	0.1	%							
Blank (P2E1904-BLK2)				Prepared & Analyzed: 05/19/22						
% Moisture	ND	0.1	%							
Blank (P2E1904-BLK3)				Prepared & Analyzed: 05/19/22						
% Moisture	ND	0.1	%							
Duplicate (P2E1904-DUP1)	**Source: 2E17013-10**			Prepared & Analyzed: 05/19/22						
% Moisture	8.0	0.1	%		7.0			13.3	20	
Duplicate (P2E1904-DUP2)	**Source: 2E18003-04**			Prepared & Analyzed: 05/19/22						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P2E1904-DUP3)	**Source: 2E18008-03**			Prepared & Analyzed: 05/19/22						
% Moisture	4.0	0.1	%		3.0			28.6	20	
Duplicate (P2E1904-DUP4)	**Source: 2E18010-02**			Prepared & Analyzed: 05/19/22						
% Moisture	1.0	0.1	%		1.0			0.00	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Wesely Desilets

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E1904 - * DEFAULT PREP *** **										
Duplicate (P2E1904-DUP5)		**Source: 2E18012-02**		Prepared & Analyzed: 05/19/22						
% Moisture	13.0	0.1	%		13.0			0.00	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278
Odessa TX, 79765	Project Manager: Wesely Desilets

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 5/19/2022

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Winnebago CTB PW Release
13000 West County Road 100	Project Number:	15278
Odessa TX, 79765	Project Manager:	Wesely Desilets

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Wesley Desilets /Jeff Kindley

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432) 653-6248 Fax No:

Sampler Signature:

e-mail: Wesley@etechenv.com
Jeff@etechenv.com

Project Name: Centennial Winnebago CTB PW

Project #: 15278.001

Project Loc: Lea County, NM

PO #: 24262

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 2218005

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 8015B	TOTAL: TPH: 418.1	8015M	TPH: TX 1005 Ext	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	Comp BH2A @ 8'			5/16/22	1030		1	X								S															X			X
2	Comp BH3A @ 4'			5/16/22	1040		1	X								S															X			X
3	Comp BH4A @ 4'			5/16/22	1045		1	X								S															X			X

Special Instructions:
Bill to Centennial Resource Development

Relinquished by:	Date	Time	Received by:	Date	Time
	5/18/22	1117			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				5/18/22	11:17

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 5.4 °C °CF+1
Adjusted: 6.6 °C Factor -1

Sample Receipt Checklist

Yes		Notes
✓	Chain of custody present?	
	Chain of custody signed/dated/time when relinquished and received?	
	Sample container present on COC for all samples?	
	Samplers name present on COC?	
	Chain of Custody agrees with sample labels?	
	Sample containers intact?	
	Custody seals intact on sample bottles?	
	Samples in proper container/bottle?	
	Sufficient sample volume indicated for test?	
	All samples received within holding time?	
X	Samples received with appropriate temp?	6.6
✓	Analysis requested for all samples submitted?	
	Samples received in good condition?	
	Custody seals intact on shipping container/cooler?	

Login Notes:
4oz 2E18005

PBELAB

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

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:
temp 6.6 on Ice

Resolution:

Client Contacted NO
Name:
Date/Time:

NC Initiated by: TB Approved by:

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

PBELAB

Analytical Report

Prepared for:

Tim McMinn

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

13000 West County Road 100

Odessa, TX 79765

Project: Winnebago CTB PW Release

Project Number: 15278.001

Location: Lea County, NM

Lab Order Number: 2E27013

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/07/22

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp BH3B @ 4.5'	2E27013-01	Soil	05/26/22 10:15	05-27-2022 13:35
Comp BH4B @ 4.5'	2E27013-02	Soil	05/26/22 10:20	05-27-2022 13:35
Comp BH5 @ 3'	2E27013-03	Soil	05/26/22 10:25	05-27-2022 13:35
Comp BH6 @ 3'	2E27013-04	Soil	05/26/22 10:30	05-27-2022 13:35
Comp BH7 @ 5'	2E27013-05	Soil	05/26/22 10:35	05-27-2022 13:35

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH3B @ 4.5'

2E27013-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.7**	1.19	mg/kg dry	1	P2E3106	05/31/22 16:11	06/01/22 09:54	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P2E3101	05/31/22 11:07	05/31/22 11:16	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH4B @ 4.5'

2E27013-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.5**	1.09	mg/kg dry	1	P2E3106	05/31/22 16:11	06/01/22 10:54	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2E3101	05/31/22 11:07	05/31/22 11:16	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH5 @ 3'

2E27013-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00123	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 15:54	EPA 8021B	
Toluene	ND	0.00123	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 15:54	EPA 8021B	
Ethylbenzene	ND	0.00123	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 15:54	EPA 8021B	
Xylene (p/m)	ND	0.00247	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 15:54	EPA 8021B	
Xylene (o)	ND	0.00123	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 15:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.0 %*	*80-120*		*P2F0306*	*06/03/22 12:14*	*06/03/22 15:54*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P2F0306*	*06/03/22 12:14*	*06/03/22 15:54*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**30.2**	1.23	mg/kg dry	1	P2E3106	05/31/22 16:11	06/01/22 11:13	EPA 300.0	
% Moisture	**19.0**	0.1	%	1	P2E3101	05/31/22 11:07	05/31/22 11:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	30.9	mg/kg dry	1	P2E2701	05/27/22 16:15	05/27/22 21:31	TPH 8015M	
>C12-C28	ND	30.9	mg/kg dry	1	P2E2701	05/27/22 16:15	05/27/22 21:31	TPH 8015M	
>C28-C35	ND	30.9	mg/kg dry	1	P2E2701	05/27/22 16:15	05/27/22 21:31	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.4 %*	*70-130*		*P2E2701*	*05/27/22 16:15*	*05/27/22 21:31*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P2E2701*	*05/27/22 16:15*	*05/27/22 21:31*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	30.9	mg/kg dry	1	[CALC]	05/27/22 16:15	05/27/22 21:31	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH6 @ 3'

2E27013-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:16	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:16	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:16	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:16	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.6 %*	*80-120*		*P2F0306*	*06/03/22 12:14*	*06/03/22 16:16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*114 %*	*80-120*		*P2F0306*	*06/03/22 12:14*	*06/03/22 16:16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.26**	1.06	mg/kg dry	1	P2E3106	05/31/22 16:11	06/01/22 11:33	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2E3101	05/31/22 11:07	05/31/22 11:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2E2709	05/27/22 16:25	05/28/22 17:27	TPH 8015M	
>C12-C28	**111**	26.6	mg/kg dry	1	P2E2709	05/27/22 16:25	05/28/22 17:27	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2E2709	05/27/22 16:25	05/28/22 17:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P2E2709*	*05/27/22 16:25*	*05/28/22 17:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P2E2709*	*05/27/22 16:25*	*05/28/22 17:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**111**	26.6	mg/kg dry	1	[CALC]	05/27/22 16:25	05/28/22 17:27	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

Comp BH7 @ 5'

2E27013-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00128	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:38	EPA 8021B	
Toluene	ND	0.00128	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:38	EPA 8021B	
Ethylbenzene	ND	0.00128	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:38	EPA 8021B	
Xylene (p/m)	ND	0.00256	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:38	EPA 8021B	
Xylene (o)	ND	0.00128	mg/kg dry	1	P2F0306	06/03/22 12:14	06/03/22 16:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*109 %*	*80-120*		*P2F0306*	*06/03/22 12:14*	*06/03/22 16:38*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.2 %*	*80-120*		*P2F0306*	*06/03/22 12:14*	*06/03/22 16:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**26.1**	1.28	mg/kg dry	1	P2E3106	05/31/22 16:11	06/01/22 11:53	EPA 300.0	
% Moisture	**22.0**	0.1	%	1	P2E3101	05/31/22 11:07	05/31/22 11:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	32.1	mg/kg dry	1	P2E2709	05/27/22 16:25	05/28/22 17:50	TPH 8015M	
>C12-C28	ND	32.1	mg/kg dry	1	P2E2709	05/27/22 16:25	05/28/22 17:50	TPH 8015M	
>C28-C35	ND	32.1	mg/kg dry	1	P2E2709	05/27/22 16:25	05/28/22 17:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.4 %*	*70-130*		*P2E2709*	*05/27/22 16:25*	*05/28/22 17:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P2E2709*	*05/27/22 16:25*	*05/28/22 17:50*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	32.1	mg/kg dry	1	[CALC]	05/27/22 16:25	05/28/22 17:50	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2F0306 - General Preparation (GC)										
Blank (P2F0306-BLK1)				Prepared & Analyzed: 06/03/22						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.139*		*"*	*0.120*		*116*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*93.9*	*80-120*			
LCS (P2F0306-BS1)				Prepared & Analyzed: 06/03/22						
Benzene	0.0964	0.00100	mg/kg	0.100		96.4	80-120			
Toluene	0.0922	0.00100	"	0.100		92.2	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0958	0.00100	"	0.100		95.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.143*		*"*	*0.120*		*119*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.9*	*80-120*			
LCS Dup (P2F0306-BSD1)				Prepared & Analyzed: 06/03/22						
Benzene	0.0812	0.00100	mg/kg	0.100		81.2	80-120	17.1	20	
Toluene	0.0801	0.00100	"	0.100		80.1	80-120	14.1	20	
Ethylbenzene	0.0850	0.00100	"	0.100		85.0	80-120	18.1	20	
Xylene (p/m)	0.168	0.00200	"	0.200		84.2	80-120	18.4	20	
Xylene (o)	0.0811	0.00100	"	0.100		81.1	80-120	16.6	20	
Surrogate: 4-Bromofluorobenzene	*0.148*		*"*	*0.120*		*123*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*80-120*			
Calibration Blank (P2F0306-CCB1)				Prepared & Analyzed: 06/03/22						
Benzene	0.250		ug/kg							
Toluene	0.240		"							
Ethylbenzene	0.360		"							
Xylene (p/m)	0.280		"							
Xylene (o)	0.190		"							
Surrogate: 4-Bromofluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.6*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2F0306 - General Preparation (GC)										
Calibration Check (P2F0306-CCV1)				Prepared & Analyzed: 06/03/22						
Benzene	0.116	0.00100	mg/kg	0.102		114	80-120			
Toluene	0.114	0.00100	"	0.102		111	80-120			
Ethylbenzene	0.117	0.00100	"	0.102		115	80-120			
Xylene (p/m)	0.240	0.00200	"	0.204		117	80-120			
Xylene (o)	0.117	0.00100	"	0.102		115	80-120			
Surrogate: 4-Bromofluorobenzene	*0.136*		*"*	*0.120*		*113*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.9*	*75-125*			
Calibration Check (P2F0306-CCV2)				Prepared & Analyzed: 06/03/22						
Benzene	0.107	0.00100	mg/kg	0.102		104	80-120			
Toluene	0.104	0.00100	"	0.102		102	80-120			
Ethylbenzene	0.105	0.00100	"	0.102		103	80-120			
Xylene (p/m)	0.218	0.00200	"	0.204		107	80-120			
Xylene (o)	0.106	0.00100	"	0.102		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.141*		*"*	*0.120*		*117*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.2*	*75-125*			
Matrix Spike (P2F0306-MS1)		**Source: 2E27013-04**		Prepared & Analyzed: 06/03/22						
Benzene	0.0944	0.00106	mg/kg dry	0.106	ND	88.8	80-120			
Toluene	0.0942	0.00106	"	0.106	ND	88.5	80-120			
Ethylbenzene	0.100	0.00106	"	0.106	ND	94.0	80-120			
Xylene (p/m)	0.196	0.00213	"	0.213	ND	92.3	80-120			
Xylene (o)	0.0944	0.00106	"	0.106	ND	88.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.128*		*95.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.153*		*"*	*0.128*		*120*	*80-120*			
Matrix Spike Dup (P2F0306-MSD1)		**Source: 2E27013-04**		Prepared & Analyzed: 06/03/22						
Benzene	0.0803	0.00106	mg/kg dry	0.106	ND	75.5	80-120	16.2	20	QM-05
Toluene	0.0769	0.00106	"	0.106	ND	72.3	80-120	20.1	20	QM-05
Ethylbenzene	0.0814	0.00106	"	0.106	ND	76.5	80-120	20.6	20	QM-05
Xylene (p/m)	0.160	0.00213	"	0.213	ND	75.2	80-120	20.5	20	QM-05
Xylene (o)	0.0750	0.00106	"	0.106	ND	70.5	80-120	22.9	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.128*		*96.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.155*		*"*	*0.128*		*121*	*80-120*			*S-GC*

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E3101 - * DEFAULT PREP *** **										
Blank (P2E3101-BLK1)				Prepared & Analyzed: 05/31/22						
% Moisture	ND	0.1	%							
Blank (P2E3101-BLK2)				Prepared & Analyzed: 05/31/22						
% Moisture	ND	0.1	%							
Blank (P2E3101-BLK3)				Prepared & Analyzed: 05/31/22						
% Moisture	ND	0.1	%							
Blank (P2E3101-BLK4)				Prepared & Analyzed: 05/31/22						
% Moisture	ND	0.1	%							
Duplicate (P2E3101-DUP1)	**Source: 2E26009-02**			Prepared & Analyzed: 05/31/22						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P2E3101-DUP2)	**Source: 2E27002-02**			Prepared & Analyzed: 05/31/22						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P2E3101-DUP3)	**Source: 2E27004-11**			Prepared & Analyzed: 05/31/22						
% Moisture	4.0	0.1	%		3.0			28.6	20	R3
Duplicate (P2E3101-DUP4)	**Source: 2E27005-10**			Prepared & Analyzed: 05/31/22						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P2E3101-DUP5)	**Source: 2E27011-04**			Prepared & Analyzed: 05/31/22						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P2E3101-DUP6)	**Source: 2E27014-01**			Prepared & Analyzed: 05/31/22						
% Moisture	5.0	0.1	%		5.0			0.00	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E3101 - * DEFAULT PREP *** **										
Duplicate (P2E3101-DUP7)	**Source: 2E27016-05**			Prepared & Analyzed: 05/31/22						
% Moisture	5.0	0.1	%		4.0			22.2	20	R3
Duplicate (P2E3101-DUP8)	**Source: 2E27016-08**			Prepared & Analyzed: 05/31/22						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Batch P2E3106 - * DEFAULT PREP *** **										
Blank (P2E3106-BLK1)				Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	ND	1.00	mg/kg							
LCS (P2E3106-BS1)				Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	41.0		mg/kg	40.0		103	90-110			
LCS Dup (P2E3106-BSD1)				Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	40.0		mg/kg	40.0		99.9	90-110	2.56	10	
Calibration Blank (P2E3106-CCB1)				Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	0.255		mg/kg							
Calibration Blank (P2E3106-CCB2)				Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	-0.120		mg/kg							
Calibration Check (P2E3106-CCV1)				Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	20.5		mg/kg	20.0		102	90-110			
Calibration Check (P2E3106-CCV2)				Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	21.1		mg/kg	20.0		105	90-110			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E3106 - * DEFAULT PREP *** **										
Calibration Check (P2E3106-CCV3)				Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	21.5		mg/kg	20.0		107	90-110			
Matrix Spike (P2E3106-MS1)		**Source: 2E27010-03**		Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	368	1.05	mg/kg dry	263	121	93.8	80-120			
Matrix Spike (P2E3106-MS2)		**Source: 2E27013-01**		Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	326	1.19	mg/kg dry	298	21.7	102	80-120			
Matrix Spike Dup (P2E3106-MSD1)		**Source: 2E27010-03**		Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	365	1.05	mg/kg dry	263	121	92.7	80-120	0.738	20	
Matrix Spike Dup (P2E3106-MSD2)		**Source: 2E27013-01**		Prepared: 05/31/22 Analyzed: 06/01/22						
Chloride	322	1.19	mg/kg dry	298	21.7	101	80-120	1.18	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E2701 - TX 1005										
Calibration Check (P2E2701-CCV2)				Prepared & Analyzed: 05/27/22						
C6-C12	453	25.0	mg/kg	500		90.5	85-115			
>C12-C28	492	25.0	"	500		98.4	85-115			
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*52.1*		*"*	*50.0*		*104*	*70-130*			
Matrix Spike (P2E2701-MS1)		**Source: 2E26014-04**		Prepared & Analyzed: 05/27/22						
C6-C12	920	25.3	mg/kg dry	1010		91.0	75-125			QM-05
>C12-C28	1040	25.3	"	1010		103	75-125			QM-05
Surrogate: 1-Chlorooctane	*102*		*"*	*101*		*101*	*70-130*			
Surrogate: o-Terphenyl	*49.9*		*"*	*50.5*		*98.8*	*70-130*			
Matrix Spike Dup (P2E2701-MSD1)		**Source: 2E26014-04**		Prepared & Analyzed: 05/27/22						
C6-C12	751	25.3	mg/kg dry	1010		74.3	75-125	20.2	20	QM-05
>C12-C28	892	25.3	"	1010		88.3	75-125	14.9	20	QM-05
Surrogate: 1-Chlorooctane	*123*		*"*	*101*		*122*	*70-130*			
Surrogate: o-Terphenyl	*41.5*		*"*	*50.5*		*82.1*	*70-130*			
Batch P2E2709 - TX 1005										
Blank (P2E2709-BLK1)				Prepared: 05/27/22 Analyzed: 05/28/22						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*59.0*		*"*	*50.0*		*118*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/7/2022

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Tim McMinn

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Project Manager: Wesley Desilets /Jeff Kindley
Company Name: Etech Environmental and Safety Solutions, Inc.
Company Address: 13000 W CR 100
City/State/Zip: Odessa, Texas 79765
Telephone No: (432) 653-6248 Fax No:
Sampler Signature:
e-mail: Wesley@etechenv.com Jeff@etechenv.com

Centennial
Project Name: Winnebago CTB PW
Project #: 15278.001
Project Loc: Lea County, NM
PO #: 24262
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 2E27013

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1	TPH: 8015M	TPH: TX 1005 Ext	TPH: TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	Comp BH3B@4.5'			5/26/22	1015		1	X								S															X
2	Comp BH4B@4.5'				1020		1	X								S															X
3	Comp BH5@3'				1025		1	X								S	X										X			X		X
4	Comp BH6@3'				1030		1	X								S	X										X			X		X
5	Comp BH7@5'			↓	1035		1	X								S	X										X			X		X

Special Instructions:
Bill to Centennial Resource Development

Relinquished by:	Date	Time	Received by:	Date	Time
	5/27/22	1335			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				5/27/22	13:35

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 5.5 °C CF +1
Adjusted: °C Factor

PBELAB

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

Sample Receipt Checklist

Yes		Notes
✓	Chain of custody present?	
	Chain of custody signed/dated/time when relinquished and received?	
	Sample dates/time present on COC for all samples?	
	Samplers name present on COC?	
	Chain of custody agrees with sample labels?	
	Sample containers intact?	
	Custody seals intact on sample bottles?	
	Samples in proper container/bottle?	
	Sufficient sample volume for indicated test?	
	All samples received within holding time?	
X	Samples received within appropriate temp?	6.5
✓	Analysis requested for all samples submitted?	
	Sample container/cooler in good condition?	
	Custody seals intact on shipping container/cooler?	

Login Notes:
202/402 2E27013

PBELAB

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

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:
temp 6.5 on Ice

Resolution:

Client Contacted NO
Name:
Date/Time:

NC Initiated by: TB Approved by:

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

PBELAB

Analytical Report

Prepared for:

Wesley Desilets

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

13000 West County Road 100

Odessa, TX 79765

Project: Winnebago CTB PW Release

Project Number: 15278.001

Location: Lea County, NM

Lab Order Number: 2F27004

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/28/22

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp BH6A @ 3.5'	2F27004-01	Soil	06/24/22 13:00	06-24-2022 16:05

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

Comp BH6A @ 3.5'

2F27004-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	ND	0.1	%	1	P2F2808	06/28/22 10:27	06/28/22 10:33	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P2F2709	06/27/22 11:56	06/27/22 18:24	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P2F2709	06/27/22 11:56	06/27/22 18:24	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P2F2709	06/27/22 11:56	06/27/22 18:24	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P2F2709*	*06/27/22 11:56*	*06/27/22 18:24*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.6 %*	*70-130*		*P2F2709*	*06/27/22 11:56*	*06/27/22 18:24*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	06/27/22 11:56	06/27/22 18:24	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2F2808 - * DEFAULT PREP *** **										
Blank (P2F2808-BLK1)				Prepared & Analyzed: 06/28/22						
% Moisture	ND	0.1	%							
Blank (P2F2808-BLK2)				Prepared & Analyzed: 06/28/22						
% Moisture	ND	0.1	%							
Blank (P2F2808-BLK3)				Prepared & Analyzed: 06/28/22						
% Moisture	ND	0.1	%							
Duplicate (P2F2808-DUP1)		**Source: 2F24010-10**		Prepared & Analyzed: 06/28/22						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P2F2808-DUP2)		**Source: 2F24010-20**		Prepared & Analyzed: 06/28/22						
% Moisture	12.0	0.1	%		13.0			8.00	20	
Duplicate (P2F2808-DUP3)		**Source: 2F24010-35**		Prepared & Analyzed: 06/28/22						
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P2F2808-DUP4)		**Source: 2F24010-45**		Prepared & Analyzed: 06/28/22						
% Moisture	13.0	0.1	%		12.0			8.00	20	
Duplicate (P2F2808-DUP5)		**Source: 2F27002-04**		Prepared & Analyzed: 06/28/22						
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P2F2808-DUP6)		**Source: 2F27006-04**		Prepared & Analyzed: 06/28/22						
% Moisture	2.0	0.1	%		2.0			0.00	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2F2709 - TX 1005										
Blank (P2F2709-BLK1)				Prepared & Analyzed: 06/27/22						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*57.0*		*"*	*50.0*		*114*	*70-130*			
LCS (P2F2709-BS1)				Prepared & Analyzed: 06/27/22						
C6-C12	760	25.0	mg/kg	1000		76.0	75-125			
>C12-C28	874	25.0	"	1000		87.4	75-125			
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*57.6*		*"*	*50.0*		*115*	*70-130*			
LCS Dup (P2F2709-BSD1)				Prepared: 06/27/22 Analyzed: 06/28/22						
C6-C12	792	25.0	mg/kg	1000		79.2	75-125	4.19	20	
>C12-C28	893	25.0	"	1000		89.3	75-125	2.14	20	
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*58.5*		*"*	*50.0*		*117*	*70-130*			
Calibration Check (P2F2709-CCV1)				Prepared & Analyzed: 06/27/22						
C6-C12	504	25.0	mg/kg	500		101	85-115			
>C12-C28	517	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*59.8*		*"*	*50.0*		*120*	*70-130*			
Calibration Check (P2F2709-CCV2)				Prepared & Analyzed: 06/27/22						
C6-C12	508	25.0	mg/kg	500		102	85-115			
>C12-C28	534	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*61.2*		*"*	*50.0*		*122*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2F2709 - TX 1005										
Matrix Spike (P2F2709-MS1)	**Source: 2F27002-03**			Prepared & Analyzed: 06/27/22						
C6-C12	682	25.8	mg/kg dry	1030	15.3	64.7	75-125			QM-05
>C12-C28	917	25.8	"	1030	166	72.8	75-125			QM-05
Surrogate: 1-Chlorooctane	*103*		*"*	*103*		*100*	*70-130*			
Surrogate: o-Terphenyl	*41.8*		*"*	*51.5*		*81.1*	*70-130*			
Matrix Spike Dup (P2F2709-MSD1)	**Source: 2F27002-03**			Prepared & Analyzed: 06/27/22						
C6-C12	658	25.8	mg/kg dry	1030	15.3	62.3	75-125	3.70	20	QM-05
>C12-C28	910	25.8	"	1030	166	72.2	75-125	0.917	20	QM-05
Surrogate: 1-Chlorooctane	*107*		*"*	*103*		*104*	*70-130*			
Surrogate: o-Terphenyl	*44.7*		*"*	*51.5*		*86.7*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/28/2022

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Winnebago CTB PW Release
13000 West County Road 100	Project Number:	15278.001
Odessa TX, 79765	Project Manager:	Wesley Desilets

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Wesley Desilets /Jeff Kindley

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432) 653-6248 Fax No:

Sampler Signature:

e-mail: Wesley@etechenv.com
Jeff@etechenv.com

Project Name: Centennial Winnebago CTB PW

Project #: 15278.001

Project Loc: Lea County, NM

PO #: 24262

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 25270004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 / 8015M	TOTAL: TPH: 8015M	TPH: TX 1005 Ext	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	Comp BH 6A @ 3.5'			6/24/22	1300		1	X								S	X														X

Special Instructions:
Bill to Centennial Resource Development

Relinquished by:	Date	Time	Received by:	Date	Time
	6/24/22	1605			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				6/24/22	1605

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: 7.5 °C
Adjusted: 8.5 °C Factor 0.1

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

PBELAB

Analytical Report

Prepared for:

Wesley Desilets

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

13000 West County Road 100

Odessa, TX 79765

Project: Winnebago CTB PW Release

Project Number: 15278.001

Location: Lea County, NM

Lab Order Number: 2I20002

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 09/26/22

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NW-1	2I20002-01	Soil	09/13/22 11:05	09-19-2022 16:30
NW-2	2I20002-02	Soil	09/13/22 11:30	09-19-2022 16:30
NW-3	2I20002-03	Soil	09/13/22 11:45	09-19-2022 16:30
SW-1	2I20002-04	Soil	09/13/22 11:25	09-19-2022 16:30
SW-2	2I20002-05	Soil	09/13/22 11:15	09-19-2022 16:30
EW-1	2I20002-06	Soil	09/13/22 11:20	09-19-2022 16:30
EW-2	2I20002-07	Soil	09/13/22 11:50	09-19-2022 16:30
EW-3	2I20002-08	Soil	09/13/22 12:00	09-19-2022 16:30
WW-1	2I20002-09	Soil	09/13/22 11:10	09-19-2022 16:30
WW-2	2I20002-10	Soil	09/13/22 11:35	09-19-2022 16:30

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

NW-1

2I20002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:22	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:22	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:22	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:22	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.7 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 22:22*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.2 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 22:22*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**66.5**	1.02	mg/kg dry	1	P2I2205	09/22/22 09:48	09/22/22 23:09	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 03:36	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 03:36	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 03:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*79.2 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 03:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*79.6 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 03:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 03:36	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

NW-2

2I20002-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:43	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:43	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:43	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:43	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 22:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 22:43*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.7 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 22:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**228**	1.03	mg/kg dry	1	P2I2205	09/22/22 09:48	09/22/22 23:22	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 03:58	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 03:58	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 03:58	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.6 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 03:58*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.6 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 03:58*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 03:58	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

NW-3

2I20002-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:05	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:05	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:05	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:05	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*91.3 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 23:05*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 23:05*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.9**	1.02	mg/kg dry	1	P2I2205	09/22/22 09:48	09/22/22 23:35	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 04:20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 04:20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 04:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.6 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 04:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.1 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 04:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 04:20	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

SW-1

2I20002-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:26	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:26	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:26	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:26	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.4 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 23:26*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 23:26*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**259**	1.03	mg/kg dry	1	P2I2205	09/22/22 09:48	09/22/22 23:48	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 04:42	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 04:42	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 04:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.8 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 04:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.7 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 04:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 04:42	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

SW-2

2I20002-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:47	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:47	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:47	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:47	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2I2310	09/23/22 12:23	09/23/22 23:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 23:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.3 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/23/22 23:47*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**25.1**	1.03	mg/kg dry	1	P2I2205	09/22/22 09:48	09/23/22 00:02	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:04	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:04	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:04	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.7 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 05:04*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.0 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 05:04*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 05:04	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

EW-1

2I20002-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:09	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:09	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:09	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:09	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 00:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.7 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 00:09*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.4**	1.04	mg/kg dry	1	P2I2206	09/22/22 09:50	09/23/22 01:22	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:26	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:26	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:26	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.3 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 05:26*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.4 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 05:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 05:26	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

EW-2

2I20002-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:30	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:30	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:30	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:30	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 00:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 00:30*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.1 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 00:30*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.8**	1.04	mg/kg dry	1	P2I2206	09/22/22 09:50	09/23/22 02:02	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:48	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:48	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 05:48	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 05:48*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.4 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 05:48*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 05:48	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

EW-3

2I20002-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:34	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:34	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:34	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:34	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*91.7 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 01:34*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 01:34*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.7**	1.05	mg/kg dry	1	P2I2206	09/22/22 09:50	09/23/22 02:15	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:10	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:10	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:10	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.4 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 06:10*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.9 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 06:10*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 06:10	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

WW-1

2I20002-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:56	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:56	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:56	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:56	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 01:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.3 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 01:56*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 01:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**25.6**	1.04	mg/kg dry	1	P2I2206	09/22/22 09:50	09/23/22 02:29	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:33	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:33	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.8 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 06:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.9 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 06:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 06:33	calc	

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WW-2

2I20002-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 02:17	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 02:17	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 02:17	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 02:17	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2I2310	09/23/22 12:23	09/24/22 02:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*111 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 02:17*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.1 %*	*80-120*		*P2I2310*	*09/23/22 12:23*	*09/24/22 02:17*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**20.5**	1.04	mg/kg dry	1	P2I2206	09/22/22 09:50	09/23/22 02:42	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2I2103	09/21/22 09:09	09/21/22 09:16	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:55	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:55	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2I2016	09/20/22 14:20	09/22/22 06:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.7 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 06:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.6 %*	*70-130*		*P2I2016*	*09/20/22 14:20*	*09/22/22 06:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	09/20/22 14:20	09/22/22 06:55	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
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Odessa TX, 79765	Project Manager: Wesley Desilets

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2310 - * DEFAULT PREP *** **										
Blank (P2I2310-BLK1)				Prepared & Analyzed: 09/23/22						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*88.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*95.3*	*80-120*			
LCS (P2I2310-BS1)				Prepared & Analyzed: 09/23/22						
Benzene	0.120	0.00100	mg/kg	0.100		120	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200		114	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*94.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.4*	*80-120*			
LCS Dup (P2I2310-BSD1)				Prepared & Analyzed: 09/23/22						
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120	0.837	20	
Toluene	0.120	0.00100	"	0.100		120	80-120	0.469	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	4.15	20	
Xylene (p/m)	0.231	0.00200	"	0.200		115	80-120	1.26	20	
Xylene (o)	0.117	0.00100	"	0.100		117	80-120	0.708	20	
Surrogate: 1,4-Difluorobenzene	*0.103*		*"*	*0.120*		*86.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*91.6*	*80-120*			
Calibration Blank (P2I2310-CCB1)				Prepared & Analyzed: 09/23/22						
Benzene	0.140		ug/kg							
Toluene	0.270		"							
Ethylbenzene	0.170		"							
Xylene (p/m)	0.270		"							
Xylene (o)	0.150		"							
Surrogate: 1,4-Difluorobenzene	*0.106*		*"*	*0.120*		*88.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*94.7*	*80-120*			

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Odessa TX, 79765	Project Manager: Wesley Desilets

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2310 - * DEFAULT PREP *** **										
Calibration Blank (P2I2310-CCB2)				Prepared: 09/23/22 Analyzed: 09/24/22						
Benzene	0.00		ug/kg							
Toluene	0.330		"							
Ethylbenzene	0.180		"							
Xylene (p/m)	0.280		"							
Xylene (o)	0.190		"							
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*89.7*	*80-120*			
Calibration Check (P2I2310-CCV1)				Prepared & Analyzed: 09/23/22						
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*89.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.5*	*75-125*			
Calibration Check (P2I2310-CCV2)				Prepared: 09/23/22 Analyzed: 09/24/22						
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 1,4-Difluorobenzene	*0.104*		*"*	*0.120*		*86.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.9*	*75-125*			
Calibration Check (P2I2310-CCV3)				Prepared: 09/23/22 Analyzed: 09/24/22						
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0988*		*"*	*0.120*		*82.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.4*	*75-125*			

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Odessa TX, 79765	Project Manager: Wesley Desilets

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2310 - * DEFAULT PREP *** **										
Matrix Spike (P2I2310-MS1)	**Source: 2I20002-01**			Prepared: 09/23/22 Analyzed: 09/24/22						
Benzene	0.117	0.00102	mg/kg dry	0.102	ND	115	80-120			
Toluene	0.106	0.00102	"	0.102	ND	104	80-120			
Ethylbenzene	0.112	0.00102	"	0.102	ND	110	80-120			
Xylene (p/m)	0.199	0.00204	"	0.204	ND	97.5	80-120			
Xylene (o)	0.108	0.00102	"	0.102	ND	105	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.122*		*95.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.134*		"	*0.122*		*109*	*80-120*			
Matrix Spike Dup (P2I2310-MSD1)	**Source: 2I20002-01**			Prepared: 09/23/22 Analyzed: 09/24/22						
Benzene	0.115	0.00102	mg/kg dry	0.102	ND	113	80-120	1.26	20	
Toluene	0.105	0.00102	"	0.102	ND	103	80-120	1.26	20	
Ethylbenzene	0.110	0.00102	"	0.102	ND	108	80-120	1.81	20	
Xylene (p/m)	0.195	0.00204	"	0.204	ND	95.6	80-120	1.95	20	
Xylene (o)	0.103	0.00102	"	0.102	ND	101	80-120	4.11	20	
Surrogate: 4-Bromofluorobenzene	*0.135*		"	*0.122*		*110*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.122*		*96.9*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2103 - * DEFAULT PREP *** **										
Blank (P2I2103-BLK1)				Prepared & Analyzed: 09/21/22						
% Moisture	ND	0.1	%							
Blank (P2I2103-BLK2)				Prepared & Analyzed: 09/21/22						
% Moisture	ND	0.1	%							
Blank (P2I2103-BLK3)				Prepared & Analyzed: 09/21/22						
% Moisture	ND	0.1	%							
Blank (P2I2103-BLK4)				Prepared & Analyzed: 09/21/22						
% Moisture	ND	0.1	%							
Blank (P2I2103-BLK5)				Prepared & Analyzed: 09/21/22						
% Moisture	ND	0.1	%							
Duplicate (P2I2103-DUP1)	**Source: 2I19005-10**			Prepared & Analyzed: 09/21/22						
% Moisture	13.0	0.1	%		14.0			7.41	20	
Duplicate (P2I2103-DUP2)	**Source: 2I19008-04**			Prepared & Analyzed: 09/21/22						
% Moisture	18.0	0.1	%		17.0			5.71	20	
Duplicate (P2I2103-DUP3)	**Source: 2I19009-08**			Prepared & Analyzed: 09/21/22						
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P2I2103-DUP4)	**Source: 2I19012-06**			Prepared & Analyzed: 09/21/22						
% Moisture	17.0	0.1	%		17.0			0.00	20	
Duplicate (P2I2103-DUP5)	**Source: 2I20002-09**			Prepared & Analyzed: 09/21/22						
% Moisture	4.0	0.1	%		4.0			0.00	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2103 - * DEFAULT PREP *** **										
Duplicate (P2I2103-DUP6)		**Source: 2I20003-09**		Prepared & Analyzed: 09/21/22						
% Moisture	5.0	0.1	%		4.0			22.2	20	R3
Duplicate (P2I2103-DUP7)		**Source: 2I20006-14**		Prepared & Analyzed: 09/21/22						
% Moisture	15.0	0.1	%		16.0			6.45	20	
Duplicate (P2I2103-DUP8)		**Source: 2I20006-24**		Prepared & Analyzed: 09/21/22						
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P2I2103-DUP9)		**Source: 2I20019-03**		Prepared & Analyzed: 09/21/22						
% Moisture	8.0	0.1	%		9.0			11.8	20	
Batch P2I2205 - * DEFAULT PREP *** **										
Blank (P2I2205-BLK1)				Prepared & Analyzed: 09/22/22						
Chloride	ND	1.00	mg/kg							
LCS (P2I2205-BS1)				Prepared & Analyzed: 09/22/22						
Chloride	20.7		mg/kg	20.0		104	90-110			
LCS Dup (P2I2205-BSD1)				Prepared & Analyzed: 09/22/22						
Chloride	20.7		mg/kg	20.0		104	90-110	0.0145	10	
Calibration Blank (P2I2205-CCB1)				Prepared & Analyzed: 09/22/22						
Chloride	0.0900		mg/kg							
Calibration Blank (P2I2205-CCB2)				Prepared & Analyzed: 09/22/22						
Chloride	0.213		mg/kg							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2205 - * DEFAULT PREP *** **										
Calibration Check (P2I2205-CCV1)				Prepared & Analyzed: 09/22/22						
Chloride	20.1		mg/kg	20.0		101	90-110			
Calibration Check (P2I2205-CCV2)				Prepared & Analyzed: 09/22/22						
Chloride	19.9		mg/kg	20.0		99.7	90-110			
Calibration Check (P2I2205-CCV3)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	19.8		mg/kg	20.0		98.8	90-110			
Matrix Spike (P2I2205-MS1)		**Source: 2I19009-03**		Prepared & Analyzed: 09/22/22						
Chloride	9590	28.7	mg/kg dry	1440	8180	97.9	80-120			
Matrix Spike (P2I2205-MS2)		**Source: 2I19012-02**		Prepared & Analyzed: 09/22/22						
Chloride	13400	59.5	mg/kg dry	2980	10300	106	80-120			
Matrix Spike Dup (P2I2205-MSD1)		**Source: 2I19009-03**		Prepared & Analyzed: 09/22/22						
Chloride	9640	28.7	mg/kg dry	1440	8180	102	80-120	0.604	20	
Matrix Spike Dup (P2I2205-MSD2)		**Source: 2I19012-02**		Prepared & Analyzed: 09/22/22						
Chloride	13400	59.5	mg/kg dry	2980	10300	106	80-120	0.00446	20	
Batch P2I2206 - * DEFAULT PREP *** **										
Blank (P2I2206-BLK1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	ND	1.00	mg/kg							
LCS (P2I2206-BS1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	21.0		mg/kg	20.0		105	90-110			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2206 - * DEFAULT PREP *** **										
LCS Dup (P2I2206-BSD1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	19.8		mg/kg	20.0		99.2	90-110	5.85	10	
Calibration Blank (P2I2206-CCB1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	0.0510		mg/kg							
Calibration Blank (P2I2206-CCB2)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	0.00		mg/kg							
Calibration Check (P2I2206-CCV1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	19.8		mg/kg	20.0		98.8	90-110			
Calibration Check (P2I2206-CCV2)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	20.1		mg/kg	20.0		100	90-110			
Calibration Check (P2I2206-CCV3)				Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	19.7		mg/kg	20.0		98.5	90-110			
Matrix Spike (P2I2206-MS1)		**Source: 2I20002-06**		Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	247	1.04	mg/kg dry	260	21.4	86.7	80-120			
Matrix Spike (P2I2206-MS2)		**Source: 2I20003-06**		Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	289	1.05	mg/kg dry	263	56.1	88.6	80-120			
Matrix Spike Dup (P2I2206-MSD1)		**Source: 2I20002-06**		Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	478	1.04	mg/kg dry	260	21.4	175	80-120	63.7	20	QM-05
Matrix Spike Dup (P2I2206-MSD2)		**Source: 2I20003-06**		Prepared: 09/22/22 Analyzed: 09/23/22						
Chloride	284	1.05	mg/kg dry	263	56.1	86.8	80-120	1.66	20	

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2016 - TX 1005										
Blank (P2I2016-BLK1)				Prepared: 09/20/22 Analyzed: 09/21/22						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*97.2*		"	*100*		*97.2*	*70-130*			
Surrogate: o-Terphenyl	*49.6*		"	*50.0*		*99.2*	*70-130*			
LCS (P2I2016-BS1)				Prepared: 09/20/22 Analyzed: 09/21/22						
C6-C12	1230	25.0	mg/kg	1000		123	75-125			
>C12-C28	1190	25.0	"	1000		119	75-125			
Surrogate: 1-Chlorooctane	*102*		"	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*50.6*		"	*50.0*		*101*	*70-130*			
LCS Dup (P2I2016-BSD1)				Prepared: 09/20/22 Analyzed: 09/21/22						
C6-C12	1220	25.0	mg/kg	1000		122	75-125	0.816	20	
>C12-C28	1180	25.0	"	1000		118	75-125	0.639	20	
Surrogate: 1-Chlorooctane	*99.5*		"	*100*		*99.5*	*70-130*			
Surrogate: o-Terphenyl	*48.7*		"	*50.0*		*97.4*	*70-130*			
Calibration Check (P2I2016-CCV1)				Prepared: 09/20/22 Analyzed: 09/21/22						
C6-C12	535	25.0	mg/kg	500		107	85-115			
>C12-C28	534	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*121*		"	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*50.1*		"	*50.0*		*100*	*70-130*			
Calibration Check (P2I2016-CCV2)				Prepared: 09/20/22 Analyzed: 09/22/22						
C6-C12	511	25.0	mg/kg	500		102	85-115			
>C12-C28	526	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	*115*		"	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*49.4*		"	*50.0*		*98.7*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

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

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2I2016 - TX 1005										
Calibration Check (P2I2016-CCV3)				Prepared: 09/20/22 Analyzed: 09/22/22						
C6-C12	526	25.0	mg/kg	500		105	85-115			
>C12-C28	533	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*51.5*		*"*	*50.0*		*103*	*70-130*			
Duplicate (P2I2016-DUP1)		**Source: 2I19014-01**		Prepared: 09/20/22 Analyzed: 09/22/22						
C6-C12	833	510	mg/kg dry		ND			183	20	R3
>C12-C28	11500	510	"		599			180	20	R3
Surrogate: 1-Chlorooctane	*88.8*		*"*	*102*		*87.0*	*70-130*			
Surrogate: o-Terphenyl	*56.7*		*"*	*51.0*		*111*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Winnebago CTB PW Release
13000 West County Road 100	Project Number: 15278.001
Odessa TX, 79765	Project Manager: Wesley Desilets

Notes and Definitions

ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 9/26/2022

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Winnebago CTB PW Release
13000 West County Road 100	Project Number:	15278.001
Odessa TX, 79765	Project Manager:	Wesley Desilets

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Project Manager: Wesley Desilets /Jeff Kindley

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432) 653-6248

Fax No:

Sampler Signature: [signature]

e-mail: Wesley@etechenv.com, Jeff@etechenv.com

Project Name: Winnebago CTB PW

Project #: 15278.001

Project Loc: Lea County, NM

PO #: 24262

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 2I20002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8015B	TPH: TX 1005 Ext TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	NW-1			9/13/22	1105		1	X								S	X								X			X			X	X
2	NW-2			↓	1130		1	↓								↓	↓								↓			↓			↓	↓
3	NW-3			↓	1145		1	↓								↓	↓								↓			↓			↓	↓
4	SW-1			↓	1125		1	↓								↓	↓								↓			↓			↓	↓
5	SW-2			↓	1115		1	↓								↓	↓								↓			↓			↓	↓
6	EW-1			↓	1120		1	↓								↓	↓								↓			↓			↓	↓
7	EW-2			↓	1150		1	↓								↓	↓								↓			↓			↓	↓
8	EW-3			↓	1200		1	↓								↓	↓								↓			↓			↓	↓
9	WW-1			↓	1110		1	↓								↓	↓								↓			↓			↓	↓
10	WW-2			↓	1135		1	↓								↓	↓								↓			↓			↓	↓

TB

Special Instructions: Bill Etech

Relinquished by:	Date	Time	Received by:	Date	Time
Jeffrey Kindley [signature]	09/19/22	4 30			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			[signature]	9/19/22	16:30

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: 7.1 °C CF+1
Adjusted: 8.1 °C Factor 41

APPENDIX D

Site Photographs

Project Name: *Winnebago 30 State Com CTB Release* ***Photographic Documentation***
Project No: *15278*

Photo No: **1.**	
Direction Taken: East	
Description: View of the release area.	

Photo No: **2.**	
Direction Taken: North	
Description: View of the release area.	

Project Name: *Winnebago 30 State Com CTB Release* ***Photographic Documentation***
Project No: *15278*

Photo No: **3.**	
Direction Taken: West	
Description: View of the release area.	

Photo No: **4.**	
Direction Taken: Northwest	
Description: View of the release area excavation.	

Project Name: *Winnebago 30 State Com CTB Release*
Project No: *15278*

Photographic Documentation

Photo No: **5.**	
Direction Taken: East	
Description: View of the excavation activities.	

Photo No: **6.**	
Direction Taken: East	
Description: View of the excavation activities. .	

Project Name: *Winnebago 30 State Com CTB Release* ***Photographic Documentation***
Project No: *15278*

Photo No: **7.**	
Direction Taken: East	
Description: View of the excavation activities.	

Photo No: **8.**	
Date: April 24, 2022 **Direction Taken**: East	
Description: View of the excavation activities.	

Project Name: *Winnebago 30 State Com CTB Release* ***Photographic Documentation***
Project No: *15278*

Photo No: **9.**	
Date: August 8, 2022 **Direction Taken**: Northwest	
Description: View of the completed backfilling of site.	

Photo No: **10.**	
Date: August 8, 2022 **Direction Taken**: North	
Description: View of the completed backfilling of site.	

Project Name: *Winnebago 30 State Com CTB Release* ***Photographic Documentation***
Project No: *15278*

Photo No: **11.**	
Date: August 8, 2022 **Direction Taken**: East	
Description: View of the completed backfilling of site.	

Photo No: **12.**	
Date: August 8, 2022 **Direction Taken**: Southwest	
Description: View of the completed backfilling of site.	

APPENDIX E

NMOCD Initial Denial of Closure Report and Extension

Wesley Desilets

From: Nikki Mishler <Nikki.Mishler@cdevinc.com>
Sent: Thursday, October 20, 2022 8:25 AM
To: Wesley Desilets
Subject: RE: -EXTERNAL- The Oil Conservation Division (OCD) has rejected the application, Application ID: 138126

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Thursday, September 29, 2022 3:51 PM
To: Nikki Mishler <Nikki.Mishler@cdevinc.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: -EXTERNAL- The Oil Conservation Division (OCD) has rejected the application, Application ID: 138126

WARNING: The sender of this email could not be validated and may not match the person in the "From" field.

Nikki

The OCD approves the request for a 30-day extension to October 31, 2022 to submit a closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Nikki Mishler <Nikki.Mishler@cdevinc.com>
Sent: Thursday, September 29, 2022 2:19 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Subject: [EXTERNAL] RE: -EXTERNAL- The Oil Conservation Division (OCD) has rejected the application, Application ID: 138126

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon Ms. Nobui,

I would like to request a 30-day extension to submit the closure report for the Winnebago Release Site referenced below. The laboratory report for the sampling event needed for closure was received the evening of 9/27/22 and additional time is needed to incorporate the new data into the closure report.

Thank you,

Nikki Mishler

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, August 31, 2022 1:06 PM

To: Nikki Mishler <Nikki.Mishler@cdevinc.com>
Subject: -EXTERNAL- The Oil Conservation Division (OCD) has rejected the application, Application ID: 138126

To whom it may concern (c/o Nikki Mishler for CENTENNIAL RESOURCE PRODUCTION, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2129824469,
for the following reasons:

- **Closure Report Denied. OCD requires sidewall samples to be collected from excavation (excavation was as deep as 8'). Sample points located on Figure 3 are not listed in Table (BH-1, NW-1, etc). Additional lateral delineation required by AH-10 and show location of AH-11 on site plan. Please resubmit a revised Closure Report by September 30, 2022 to OCD portal.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 138126.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-470-3407
Jennifer.Nobui@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 152232
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	11/17/2022