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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	nAPP2119226446
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Cimarex Energy Co.	OGRID: 215099
Contact Name: Laci Luig	Contact Telephone: (432) 571-7800
Contact email: lluig@cimarex.com	Incident # *(assigned by OCD)* nAPP2119226446
Contact mailing address: 600 N Marienfeld Street, Ste. 600 Midland, TX 79701	

Location of Release Source

Latitude 32.2421962 Longitude -103.4375741

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Canyonlands 2 State Com	Site Type: Battery
Date Release Discovered: 7/1/2021	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
O	2	24S	34E	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) 59.5	Volume Recovered (bbls) 58
	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: Erosion
A 2" flanged Baylon valve on the separator water discharge line developed a leak due to erosion. We released 59.5 barrels of produced water onto a lined containment, and we recovered 58 barrels of produced water. 1.5 barrels of produced water ran over the small containment wall. The containment will be cleaned and impacted soils will be properly disposed of.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2119226446
District RP	
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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? Total amount of release is greater than 25 barrels

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
By: Gloria Garza
To: Mike Bratcher, Cristina Eads, Jim Griswold, Robert Hamlet District 1 Spills and SLO
By: Email

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: Laci Luig Title: ESH Specialist

Signature: Laci Luig Date: 7/11/2021

email: lluig@cimarex.com Telephone: (432) 208-3035

OCD Only

Received by: Ramona Marcus Date: 10/4/2021

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2119226446
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?	43 (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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2119226446
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: Laci Luig Title: ESH Specialist

Signature: Laci Luig Date: 9/13/2021

email: lluig@cimarex.com Telephone: (432) 208-3035

OCD Only

Received by: Ramona Marcus Date: 10/4/2021

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2119226446
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: Laci Luig Title: ESH Specialist

Signature: Laci Luig Date: 9/13/2021

email: lluig@cimarex.com Telephone: (432) 208-3035

OCD Only

Received by: Ramona Marcus Date: 10/4/2021

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

Closure Approved by: Chad Hensley Date: 10/27/2021

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

CLOSURE REQUEST AND REMEDIATION SUMMARY REPORT

Cimarex Energy Co.
Canyonlands 2 State COM
Lea County, New Mexico
Unit Letter "O", Section 2, Township 24 South, Range 34 East
Latitude 32.241925º North, Longitude 103.437931º West
NMOCD Reference #: nAPP2119226446

Prepared For:

Cimarex Energy Co.
600 N. Marienfeld Street, Ste. 600
Midland, TX 79701

Prepared By:

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

September 2021

Rebecca Blake
Project Manager

Matthew Green, P.G.
Senior Project Manager

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TABLES

APPENDICES

INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Cimarex Energy Co. (Cimarex), has prepared this Closure Request and Remediation Summary Report for the Release Site known as Canyonlands 2 State COM. The legal description of the Release Site is Unit Letter "O", Section 2, Township 24 South, Range 34 East, in Lea County, New Mexico. The subject property is owned by the New Mexico State Land Office (NMSLO). The Release Site GPS coordinates are 32.241925º North and 103.437931º West. Please reference Figure 1 for the Site Location Map, Figure 2 for the Site Details & Confirmation Soil Sample Map, Figure 3 for the Water Well Radius Map, and Figure 4 for the National Flood Hazard Layer (NFHL) Map.

On July 1, 2021, a reportable release was discovered by Cimarex at the Canyonlands 2 State COM site (Release Site). A two (2) inch flanged Baylon valve on the separator water discharge line developed a leak due to erosion, resulting in the release. Approximately fifty-nine and a half (59.5) barrels of produced water was released with fifty-eight (58) barrels recovered, resulting in a net loss of approximately one and a half (1.5) barrels of produced water. On July 11, 2021, Cimarex filed a *Release Notification and Corrective Action Form* (Form C-141) with the New Mexico Oil Conservation Division (NMOCD) and the NMSLO documenting the release. The Form C-141 is provided as Appendix D.

Photographic documentation for the Canyonlands 2 State COM Release Site is provided as Appendix A.

NMOCD SITE CLASSIFICATION

A search of the groundwater database maintained by United States Geological Survey (USGS) did not identify any registered water wells within a quarter (1/4) mile of the Canyonlands 2 State COM Release Site. A further search of the USGS database identified the closest registered water well is USGS Well #: 321357103265201 located approximately six tenths (0.6) of a mile southwest of the Release Site. The average depth to groundwater for USGS Well #: 321357103265201 should be encountered at approximately forty-three (43) feet below ground surface (bgs), please refer to Appendix C. No water wells were observed within one thousand (1,000) feet of the Release Site. A search of the NFHL map maintained by Federal Emergency Management Agency (FEMA) indicated the area within a half (1/2) mile radius of the Release Site is not within a flood plain. No surface water was observed within one thousand (1,000) feet of the release based on the NFHL Map data. Based on the NMOCD site classification system, the following soil remediation levels were assigned to the Release Site as a result of this criterion.

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

Please refer to Figure 3 for the Water Well Radius Map and Figure 4 for the National Flood Hazard Layer (NFHL) Map.

SUMMARY OF SOIL REMEDIATION ACTIVITIES

August 13, 2021, Etech commenced field screening activities following excavation activities conducted by Cimarex operations personnel. The excavated area measured approximately forty (40) feet in length and ranging from approximately seventeen (17) to thirty (30) feet in width. Two (2) composite soil samples were collected from the base of the excavated area, six (6) composite confirmation soil samples were collected from the sidewalls of the excavated area, and one (1) composite background soil sample was collected from a non-visually impacted area of the production pad. Samples were submitted to Permian Basin Environmental Lab, LP. (PBELAB) in Midland, TX. for benzene, toluene, ethylbenzene, and xylene (BTEX) using EPA Method SW 846-8021B, Total Petroleum Hydrocarbons (TPH) using EPA Method SW 846-8015M, and chloride using EPA Method E 300.0. A review of laboratory analytical results indicated all confirmation soil samples were below NMOCD regulatory guidelines for TPH, chloride, Benzene, and BTEX concentrations. Please reference Table 1 and Figure 2 for sample locations.

Table 1 Confirmation Sample Results summarizes the Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil. Analytical reports are provided as Appendix B.

SOIL DISPOSAL AND BACKFILL ACTIVIES

Cimarex personnel conducted backfill activities at the site utilizing a non-impacted like soil from an NMSLO approved source and the site was recontoured to fit the surrounding area. The impacted material was transported to a NMOCD approved disposal facility.

SITE CLOSURE REQUEST

Based on the analytical results of confirmation soil samples collected from the excavation, impacted soils were brought to surface and confirmation soil samples below applicable NMOCD regulatory limits. Etech, on behalf of Cimarex, respectfully request that the NMOCD District 1 Office and the NMSLO grant site closure to the Canyonlands 2 State COM Release Site (NMOCD Incident ID: nAPP2119226446).

LIMITATIONS

Etech has prepared this Closure Request and Remediation Summary Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. Etech has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. This report has been prepared for the benefit of Cimarex Energy Co. 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 Cimarex Energy Co.

DISTRIBUTION

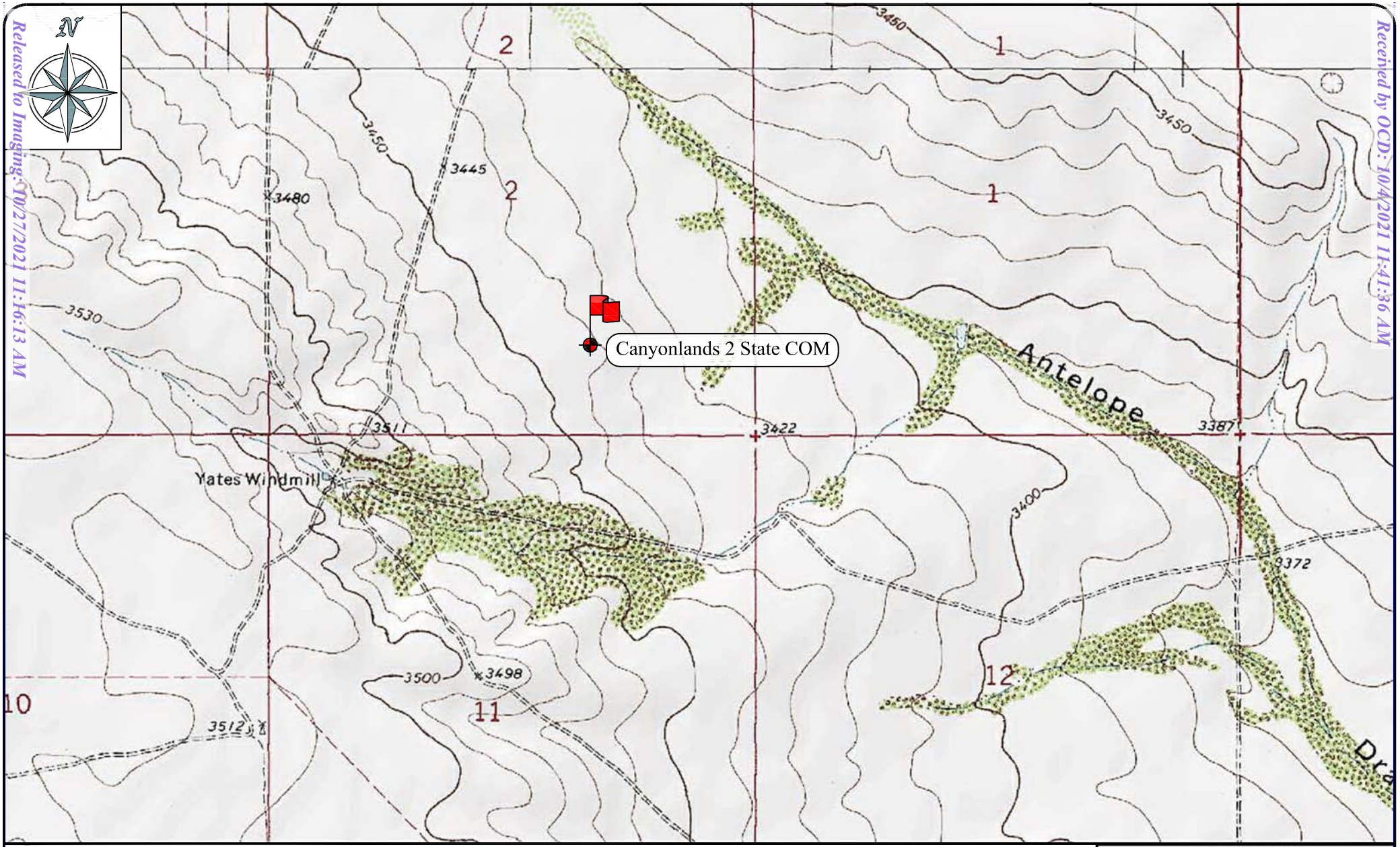
Copy 1: New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1624 N. French Drive
Hobbs, New Mexico 88210

Copy 2: New Mexico State Land Office
2827 N Dal Paso Suite 117
Hobbs, NM 88240

Copy 3: Laci Luig
Cimarex Energy Co.
600 N Marienfeld Street, Ste. 600
Midland, TX 79701

Copy 4: Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, TX 79711

FIGURES



Scale 1 : 19,200

1" = 181.6 ft Data Zoom 13-4

Site - Canyonlands 2 State COM
Site Location Map
Cimarex Energy Co.
Lea County, NM
N 32.241925°, W 103.437931°
August 13, 2021

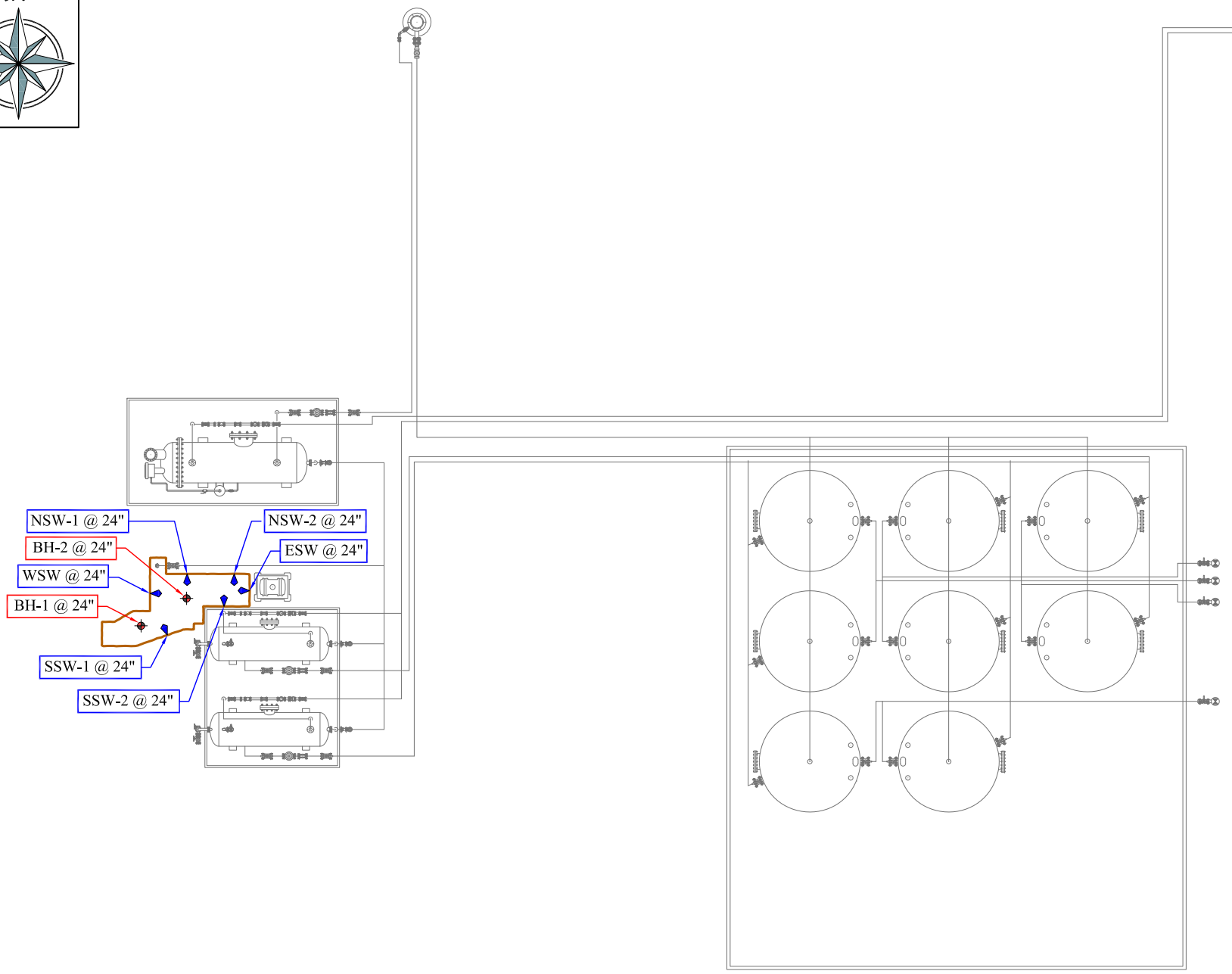
Legend

= Site Location

eTECH Environmental & Safety Solutions, Inc.

Job No.: 1401-14465

Figure 1



Site - Canyonlands 2 State COM
Site Details & Confirmation Sample Map
Cimarex Energy, Co.
Lea County, NM
N 32.241925°, W 103.437931°
August 13, 2021

Legend

= Bottom Hole Sample Point

= Side Wall Sample Point

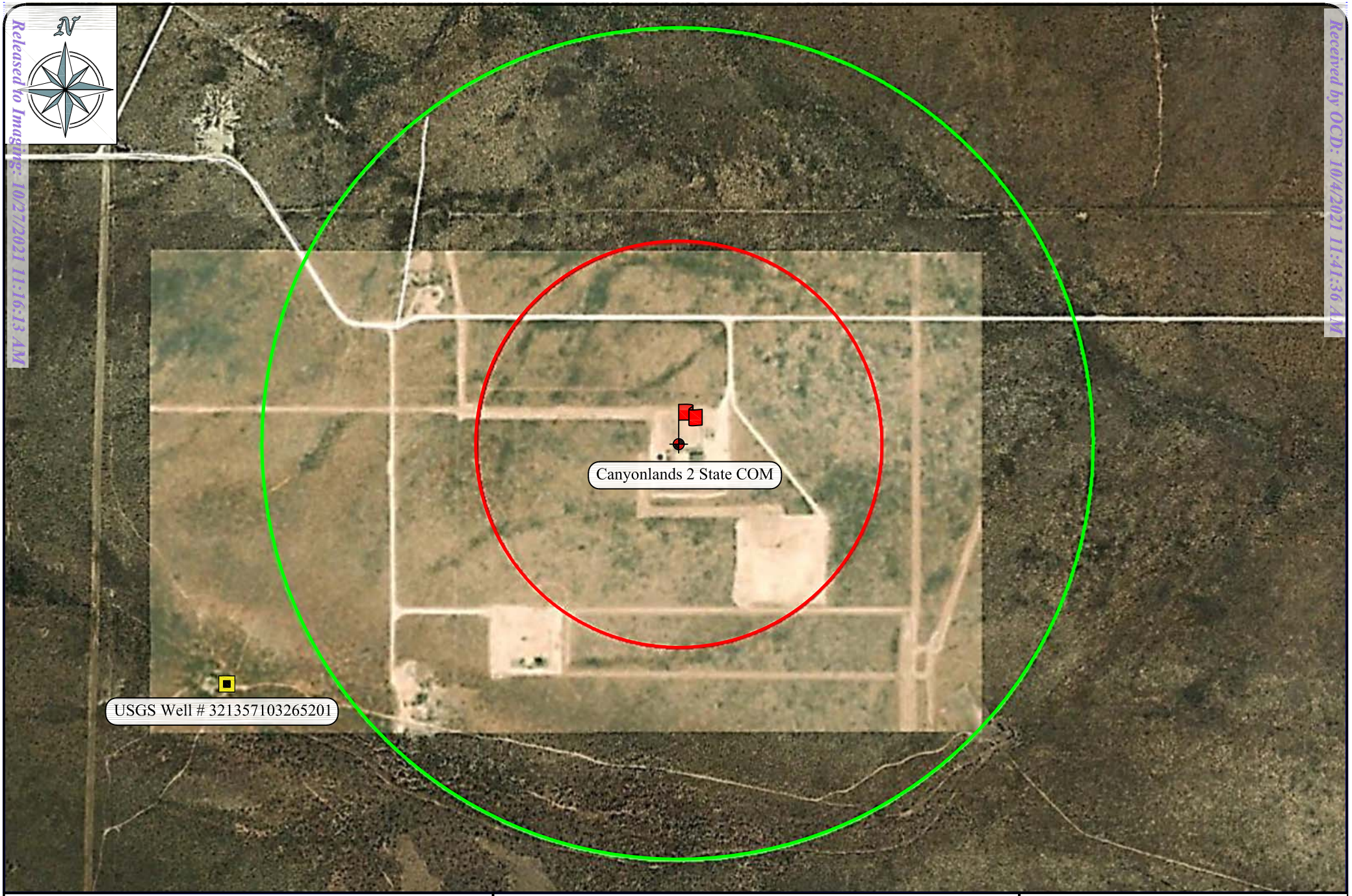
Excavation Perimeter

Not to Scale
All sample points are approximate

eTECH Environmental & Safety Solutions, Inc.

Job No.: 1401-14465

Figure 2



Site - Canyonlands 2 State COM
Water Well Radius Map
Cimarex Energy, Co.
Lea County, NM
N 32.241925°, W 103.437931°
August 13, 2021

Legend

= Site Location

= Water Well

Water Radius $\frac{1}{4}$ mile

Water Radius $\frac{1}{2}$ mile

Not to Scale

eTECH Environmental & Safety Solutions, Inc.

Job No.: 1401-14465

Figure 3

National Flood Hazard Layer FIRMette

FEMA

103°26'35"W 32°14'47"N

103°25'57"W 32°14'17"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/14/2021 at 10:26 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

TABLES

TABLE 1

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

Cimarex Energy Co.

Canyonlands 2 State COM

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**
Limits		**10 mg/Kg**						**50 mg/Kg**				**100 mg/Kg**	**600 mg/Kg**
Bottom Hole 1 @ 24"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	399
Bottom Hole 2 @ 24"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	418
North Sidewall 1 @ 24"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	131
North Sidewall 2 @ 24"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	119
East Sidewall @ 24"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	477
South Sidewall 1 @ 24"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	213
South Sidewall 2 @ 24"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	494
West Sidewall @ 24"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Background @ 3"	8/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	38	ND	37.7	11.3

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

Project Name: *Canyonland 2 State COM*
Project No: *14465*

Photographic Documentation

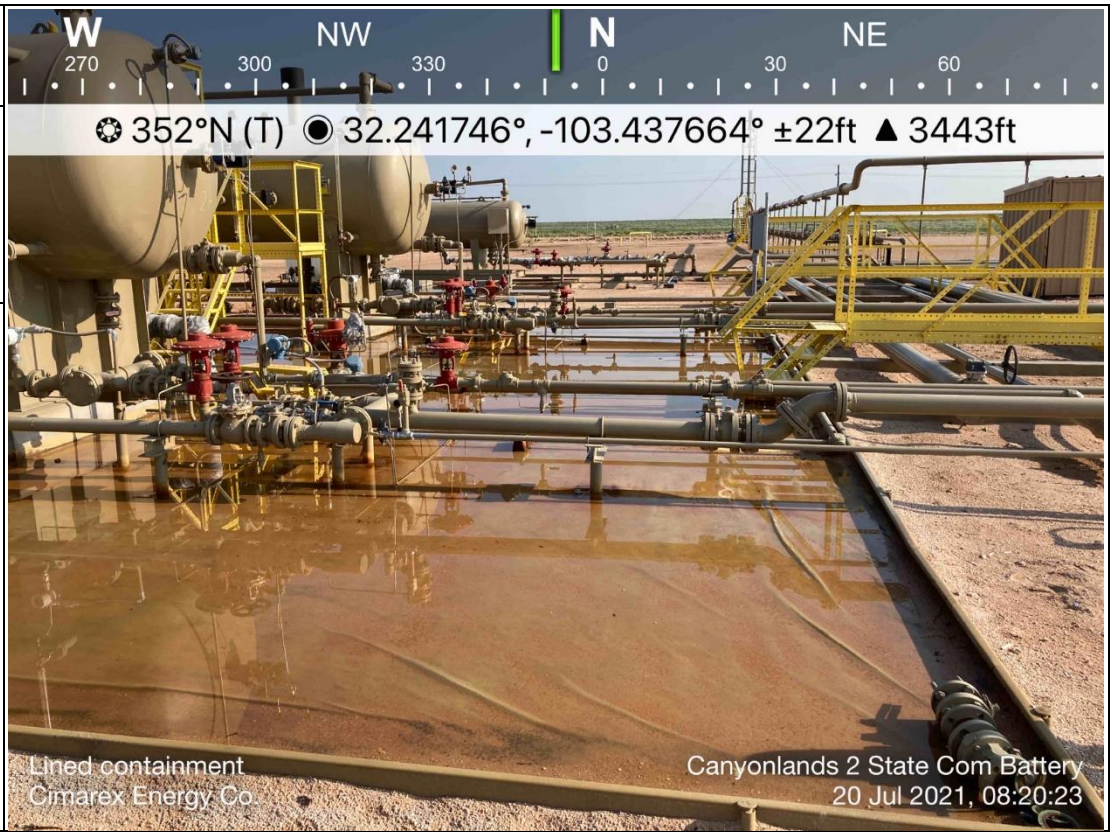
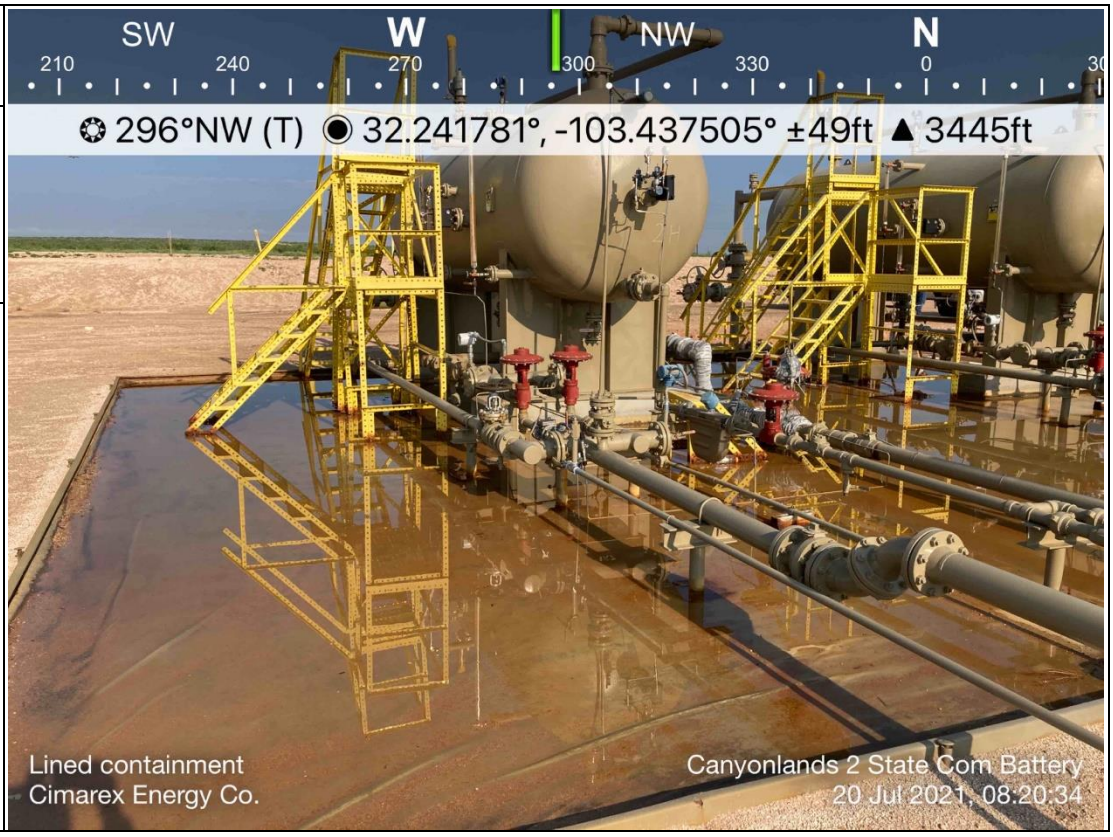
Photo No: **1.**	
Direction Taken: North	
Description: View of the lined containment.	

Photo No: **2.**	
Direction Taken: Northwest	
Description: View of the lined containment.	

Project Name: *Canyonland 2 State COM*
Project No: *14465*

Photographic Documentation

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

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

Project Name: *Canyonland 2 State COM*
Project No: *14465*

Photographic Documentation

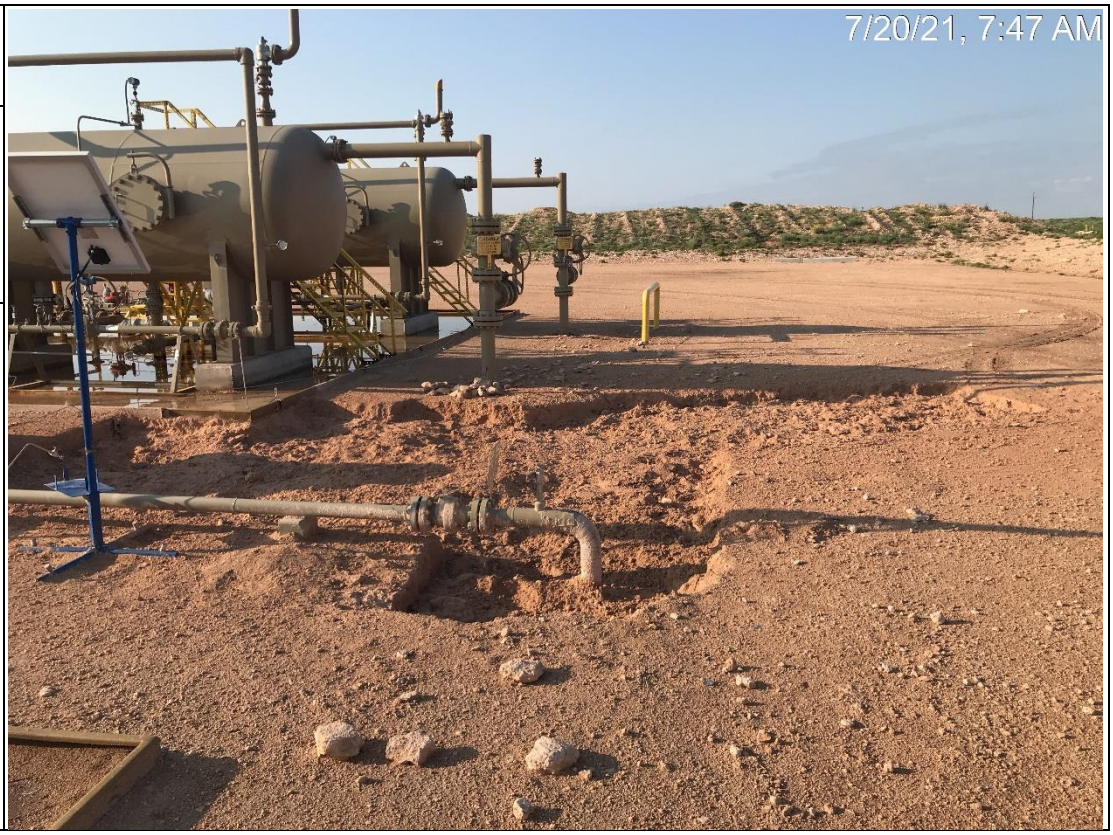
Photo No: **5.**	
Direction Taken: South	
Description: View of the excavated area.	

Photo No: **6.**	
Direction Taken: East	
Description: View of the excavated area.	

Project Name: *Canyonland 2 State COM* ***Photographic Documentation***
Project No: *14465*

Photo No: **7.**	
Direction Taken: South	
Description: View of the excavated area.	

Photo No: **8.**	
Direction Taken: Southwest	
Description: View of the excavated area.	

APPENDIX B

Environmental & Safety Solutions, Inc.

PBELAB

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.		Project:	Canyonlands 2 State Com
13000 West County Road 100		Project Number:	14465
Odessa TX, 79765		Project Manager:	Brandon Wilson
SAMPLED:	08/13/21	**REPORTED:**	08/25/21 10:10
RECEIVED:	08-16-202		

LAB #			1H17004-01	1H17004-02	1H17004-03	1H17004-04	1H17004-05	1H17004-06
MATRIX	Minimum		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE ID	Reporting Limit		Bottom Hole 1 @ 24"	Bottom Hole 2 @ 24"	North Sidewall 1 @ 24"	North Sidewall 2 @ 24"	East Sidewall @ 24"	South Sidewall 1 @ 24"
BTEX by 8021B (Soil)								
Benzene	0.00100	mg/kg dry	<0.00116	<0.00112	<0.00119	<0.00111	<0.00120	<0.00115
Toluene	0.00100	mg/kg dry	<0.0116 [2]	<0.0112 [2]	<0.0119 [2]	<0.0111 [2]	<0.0120 [2]	<0.0115 [2]
Ethylbenzene	0.00100	mg/kg dry	<0.00116	<0.00112	<0.00119	<0.00111	<0.00120	<0.00115
Xylene (p/m)	0.00200	mg/kg dry	<0.00233	<0.00225	<0.00238	<0.00222	<0.00241	<0.00230
Xylene (o)	0.00100	mg/kg dry	<0.00116	<0.00112	<0.00119	<0.00111	<0.00120	<0.00115
1,4-Difluorobenzene	120	[surr]	108%	105%	105%	105%	108%	106%
4-Bromofluorobenzene	120	[surr]	98.9%	95.9%	97.4%	95.3%	99.6%	97.3%
General Chemistry Parameters by EPA / Standard Methods (Soil)								
Chloride	1.00	mg/kg dry	399	418	131	119	477	213
% Moisture	0.1	%	14.0	11.0	16.0	10.0	17.0	13.0
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)								
C6-C12	25.0	mg/kg dry	<29.1	<28.1	<29.8	<27.8	<30.1	<28.7
>C12-C28	25.0	mg/kg dry	<29.1	<28.1	<29.8	<27.8	<30.1	<28.7
>C28-C35	25.0	mg/kg dry	<29.1	<28.1	<29.8	<27.8	<30.1	<28.7
1-Chlorooctane	130	[surr]	119%	120%	120%	119%	125%	124%
o-Terphenyl	130	[surr]	131% [6]	131% [6]	130%	131% [6]	138% [6]	135% [6]
Total Petroleum Hydrocarbon C6-C35	27.8	mg/kg dry	-	-	-	<27.8	-	-
Total Petroleum Hydrocarbon C6-C35	28.1	mg/kg dry	-	<28.1	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	28.7	mg/kg dry	-	-	-	-	-	<28.7
Total Petroleum Hydrocarbon C6-C35	29.1	mg/kg dry	<29.1	-	-	-	-	-
Total Petroleum Hydrocarbon C6-C35	29.8	mg/kg dry	-	-	<29.8	-	-	-
Total Petroleum Hydrocarbon C6-C35	30.1	mg/kg dry	-	-	-	-	<30.1	-

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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

PBELAB

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

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

Project: Canyonlands 2 State Com
Project Number: 14465
Project Manager: Brandon Wilson

SAMPLED: 08/13/21
RECEIVED: 08-16-202
REPORTED: 08/25/21 10:10

LAB #		1H17004-07	1H17004-08	1H17004-09	-	-	-
MATRIX	Minimum	Soil	Soil	Soil	-	-	-
SAMPLE ID	Reporting Limit	South Sidewall 2 @ 24"	West Sidewall @ 24"	Background @ 3"	-	-	-
BTEX by 8021B (Soil)							
Benzene	0.00100 mg/kg dry	<0.00114	<0.00114	<0.00106	-	-	-
Toluene	0.00100 mg/kg dry	<0.0114 [2]	<0.0114 [2]	<0.0106 [2]	-	-	-
Ethylbenzene	0.00100 mg/kg dry	<0.00114	<0.00114	<0.00106	-	-	-
Xylene (p/m)	0.00200 mg/kg dry	<0.00227	<0.00227	<0.00213	-	-	-
Xylene (o)	0.00100 mg/kg dry	<0.00114	<0.00114	<0.00106	-	-	-
1,4-Difluorobenzene	120 [surr]	106%	106%	106%	-	-	-
4-Bromofluorobenzene	120 [surr]	97.5%	98.3%	96.1%	-	-	-
General Chemistry Parameters by EPA / Standard Methods (Soil)							
Chloride	1.00 mg/kg dry	494	<28.4	11.3	-	-	-
% Moisture	0.1 %	12.0	12.0	6.0	-	-	-
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M (Soil)							
C6-C12	25.0 mg/kg dry	<28.4	<28.4	<26.6	-	-	-
>C12-C28	25.0 mg/kg dry	<28.4	<28.4	37.7	-	-	-
>C28-C35	25.0 mg/kg dry	<28.4	<28.4	<26.6	-	-	-
1-Chlorooctane	130 [surr]	119%	110%	98.4%	-	-	-
o-Terphenyl	130 [surr]	131% [6]	118%	108%	-	-	-
Total Petroleum Hydrocarbon C6-C35	26.6 mg/kg dry	-	-	37.7	-	-	-
Total Petroleum Hydrocarbon C6-C35	28.4 mg/kg dry	<28.4	<28.4	-	-	-	-

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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PBELAB

1400 Rankin Hwy
Midland, Tx 79701
Phone: 432-686-7235

SUMMARY REPORT

E Tech Environmental & Safety Solutions, Inc.		Project:	Canyonlands 2 State Com
13000 West County Road 100		Project Number:	14465
Odessa TX, 79765		Project Manager:	Brandon Wilson
SAMPLED:	08/13/21	**REPORTED:**	08/25/21 10:10
RECEIVED:	08-16-202		

Special Notes

1 = Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
2 = This compound is a common laboratory contaminant. Compound also present in method blank.
3 = 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.
4 = The RPD exceeded the acceptance limit due to sample matrix effects.
5 = Received on Ice
6 = Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Permian Basin Environmental Lab, L.P.

Sara Gotcher For Brent Barron
Technical Director

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

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

PBELAB

Analytical Report

Prepared for:

Brandon Wilson

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

13000 West County Road 100

Odessa, TX 79765

Project: Canyonlands 2 State Com

Project Number: 14465

Location: New Mexico

Lab Order Number: 1H17004

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 08/25/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole 1 @ 24"	1H17004-01	Soil	08/13/21 12:00	08-16-2021 12:44
Bottom Hole 2 @ 24"	1H17004-02	Soil	08/13/21 12:05	08-16-2021 12:44
North Sidewall 1 @ 24"	1H17004-03	Soil	08/13/21 12:10	08-16-2021 12:44
North Sidewall 2 @ 24"	1H17004-04	Soil	08/13/21 12:15	08-16-2021 12:44
East Sidewall @ 24"	1H17004-05	Soil	08/13/21 12:20	08-16-2021 12:44
South Sidewall 1 @ 24"	1H17004-06	Soil	08/13/21 12:25	08-16-2021 12:44
South Sidewall 2 @ 24"	1H17004-07	Soil	08/13/21 12:30	08-16-2021 12:44
West Sidewall @ 24"	1H17004-08	Soil	08/13/21 12:35	08-16-2021 12:44
Background @ 3"	1H17004-09	Soil	08/13/21 12:40	08-16-2021 12:44

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

Bottom Hole 1 @ 24''

1H17004-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00116	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:12	EPA 8021B	
Toluene	ND	0.0116	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:12	EPA 8021B	O-09
Ethylbenzene	ND	0.00116	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:12	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:12	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 19:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 19:12*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**399**	5.81	mg/kg dry	5	P1H2202	08/22/21 15:12	08/23/21 06:44	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 02:50	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 02:50	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 02:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*119 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 02:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*131 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 02:50*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	08/19/21 13:15	08/22/21 02:50	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

Bottom Hole 2 @ 24"

1H17004-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:33	EPA 8021B	
Toluene	ND	0.0112	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:33	EPA 8021B	O-09
Ethylbenzene	ND	0.00112	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:33	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:33	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 19:33*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 19:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**418**	5.62	mg/kg dry	5	P1H2202	08/22/21 15:12	08/23/21 07:00	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:12	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:12	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:12	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 03:12*	*TPH 8015M*	
Surrogate: o-Terphenyl		*131 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 03:12*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	08/19/21 13:15	08/22/21 03:12	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

North Sidewall 1 @ 24"

1H17004-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00119	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:54	EPA 8021B	
Toluene	ND	0.0119	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:54	EPA 8021B	O-09
Ethylbenzene	ND	0.00119	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:54	EPA 8021B	
Xylene (p/m)	ND	0.00238	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:54	EPA 8021B	
Xylene (o)	ND	0.00119	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 19:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 19:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 19:54*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**131**	29.8	mg/kg dry	25	P1H2202	08/22/21 15:12	08/23/21 07:15	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:34	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:34	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:34	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 03:34*	*TPH 8015M*	
Surrogate: o-Terphenyl		*130 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 03:34*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	08/19/21 13:15	08/22/21 03:34	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

North Sidewall 2 @ 24"

1H17004-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:15	EPA 8021B	
Toluene	ND	0.0111	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:15	EPA 8021B	O-09
Ethylbenzene	ND	0.00111	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:15	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:15	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 20:15*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 20:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**119**	11.1	mg/kg dry	10	P1H2203	08/22/21 15:19	08/23/21 08:47	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:56	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:56	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 03:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*119 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 03:56*	*TPH 8015M*	
Surrogate: o-Terphenyl		*131 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 03:56*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	08/19/21 13:15	08/22/21 03:56	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

East Sidewall @ 24"

1H17004-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00120	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:36	EPA 8021B	
Toluene	ND	0.0120	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:36	EPA 8021B	O-09
Ethylbenzene	ND	0.00120	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:36	EPA 8021B	
Xylene (p/m)	ND	0.00241	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:36	EPA 8021B	
Xylene (o)	ND	0.00120	mg/kg dry	1	P1H2005	08/20/21 12:20	08/21/21 20:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 20:36*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.6 %*	*80-120*		*P1H2005*	*08/20/21 12:20*	*08/21/21 20:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**477**	12.0	mg/kg dry	10	P1H2203	08/22/21 15:19	08/23/21 09:33	EPA 300.0	
% Moisture	**17.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	30.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 04:18	TPH 8015M	
>C12-C28	ND	30.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 04:18	TPH 8015M	
>C28-C35	ND	30.1	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 04:18	TPH 8015M	
Surrogate: 1-Chlorooctane		*125 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 04:18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*138 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 04:18*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	30.1	mg/kg dry	1	[CALC]	08/19/21 13:15	08/22/21 04:18	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

South Sidewall 1 @ 24"

1H17004-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00115	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:33	EPA 8021B	
Toluene	ND	0.0115	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:33	EPA 8021B	O-09
Ethylbenzene	ND	0.00115	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:33	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:33	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1H2301*	*08/23/21 11:23*	*08/23/21 15:33*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.3 %*	*80-120*		*P1H2301*	*08/23/21 11:23*	*08/23/21 15:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**213**	1.15	mg/kg dry	1	P1H2203	08/22/21 15:19	08/23/21 09:48	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 04:40	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 04:40	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 04:40	TPH 8015M	
Surrogate: 1-Chlorooctane		*124 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 04:40*	*TPH 8015M*	
Surrogate: o-Terphenyl		*135 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 04:40*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	08/19/21 13:15	08/22/21 04:40	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

South Sidewall 2 @ 24"

1H17004-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00114	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:54	EPA 8021B	
Toluene	ND	0.0114	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:54	EPA 8021B	O-09
Ethylbenzene	ND	0.00114	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:54	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:54	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 15:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1H2301*	*08/23/21 11:23*	*08/23/21 15:54*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*80-120*		*P1H2301*	*08/23/21 11:23*	*08/23/21 15:54*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**494**	5.68	mg/kg dry	5	P1H2203	08/22/21 15:19	08/23/21 10:04	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 05:02	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 05:02	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 05:02	TPH 8015M	
Surrogate: 1-Chlorooctane		*119 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 05:02*	*TPH 8015M*	
Surrogate: o-Terphenyl		*131 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 05:02*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	08/19/21 13:15	08/22/21 05:02	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

West Sidewall @ 24"

1H17004-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00114	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:15	EPA 8021B	
Toluene	ND	0.0114	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:15	EPA 8021B	O-09
Ethylbenzene	ND	0.00114	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:15	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:15	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1H2301*	*08/23/21 11:23*	*08/23/21 16:15*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*80-120*		*P1H2301*	*08/23/21 11:23*	*08/23/21 16:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	28.4	mg/kg dry	25	P1H2203	08/22/21 15:19	08/23/21 10:19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 05:24	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 05:24	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P1H1906	08/19/21 13:15	08/22/21 05:24	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 05:24*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P1H1906*	*08/19/21 13:15*	*08/22/21 05:24*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	08/19/21 13:15	08/22/21 05:24	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

Background @ 3"

1H17004-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:36	EPA 8021B	
Toluene	ND	0.0106	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:36	EPA 8021B	O-09
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:36	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:36	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1H2301	08/23/21 11:23	08/23/21 16:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.1 %*		*80-120*	*P1H2301*	*08/23/21 11:23*	*08/23/21 16:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*		*80-120*	*P1H2301*	*08/23/21 11:23*	*08/23/21 16:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.3**	1.06	mg/kg dry	1	P1H2203	08/22/21 15:19	08/23/21 10:34	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1H2006	08/20/21 09:45	08/22/21 09:03	TPH 8015M	
>C12-C28	**37.7**	26.6	mg/kg dry	1	P1H2006	08/20/21 09:45	08/22/21 09:03	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1H2006	08/20/21 09:45	08/22/21 09:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.4 %*		*70-130*	*P1H2006*	*08/20/21 09:45*	*08/22/21 09:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*		*70-130*	*P1H2006*	*08/20/21 09:45*	*08/22/21 09:03*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**37.7**	26.6	mg/kg dry	1	[CALC]	08/20/21 09:45	08/22/21 09:03	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2005 - * DEFAULT PREP *** **										
Blank (P1H2005-BLK1)				Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	0.00594	0.00100	"							O-09
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*96.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
LCS (P1H2005-BS1)				Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130			
Toluene	0.103	0.00100	"	0.100		103	70-130			
Ethylbenzene	0.0949	0.00100	"	0.100		94.9	70-130			
Xylene (p/m)	0.193	0.00200	"	0.200		96.5	70-130			
Xylene (o)	0.0827	0.00100	"	0.100		82.7	70-130			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.2*	*80-120*			
LCS Dup (P1H2005-BSD1)				Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0894	0.00100	mg/kg wet	0.100		89.4	70-130	15.1	20	
Toluene	0.0904	0.00100	"	0.100		90.4	70-130	13.4	20	
Ethylbenzene	0.0837	0.00100	"	0.100		83.7	70-130	12.6	20	
Xylene (p/m)	0.171	0.00200	"	0.200		85.7	70-130	11.8	20	
Xylene (o)	0.0806	0.00100	"	0.100		80.6	70-130	2.57	20	
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.6*	*80-120*			
Calibration Check (P1H2005-CCV1)				Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0981	0.00100	mg/kg wet	0.100		98.1	80-120			
Toluene	0.0972	0.00100	"	0.100		97.2	80-120			
Ethylbenzene	0.0864	0.00100	"	0.100		86.4	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200		90.4	80-120			
Xylene (o)	0.0815	0.00100	"	0.100		81.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.7*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2005 - * DEFAULT PREP *** **										
Calibration Check (P1H2005-CCV2)				Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0975	0.00100	mg/kg wet	0.100		97.5	80-120			
Toluene	0.0968	0.00100	"	0.100		96.8	80-120			
Ethylbenzene	0.0881	0.00100	"	0.100		88.1	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.7	80-120			
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*97.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*89.4*	*75-125*			
Calibration Check (P1H2005-CCV3)				Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0986	0.00100	mg/kg wet	0.100		98.6	80-120			
Toluene	0.0953	0.00100	"	0.100		95.3	80-120			
Ethylbenzene	0.0861	0.00100	"	0.100		86.1	80-120			
Xylene (p/m)	0.178	0.00200	"	0.200		88.8	80-120			
Xylene (o)	0.0807	0.00100	"	0.100		80.7	80-120			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.7*	*75-125*			
Matrix Spike (P1H2005-MS1)		**Source: 1H13005-34**		Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0919	0.00109	mg/kg dry	0.109	ND	84.5	80-120			
Toluene	0.0896	0.00109	"	0.109	0.00161	80.9	80-120			
Ethylbenzene	0.0795	0.00109	"	0.109	ND	73.1	80-120			QM-05
Xylene (p/m)	0.165	0.00217	"	0.217	ND	76.1	80-120			QM-05
Xylene (o)	0.0692	0.00109	"	0.109	ND	63.7	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.130*		"	*0.130*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.135*		"	*0.130*		*104*	*80-120*			
Matrix Spike Dup (P1H2005-MSD1)		**Source: 1H13005-34**		Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0914	0.00109	mg/kg dry	0.109	ND	84.1	80-120	0.534	20	
Toluene	0.0902	0.00109	"	0.109	0.00161	81.5	80-120	0.751	20	
Ethylbenzene	0.0799	0.00109	"	0.109	ND	73.5	80-120	0.450	20	QM-05
Xylene (p/m)	0.167	0.00217	"	0.217	ND	76.8	80-120	0.968	20	QM-05
Xylene (o)	0.0712	0.00109	"	0.109	ND	65.5	80-120	2.74	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.130*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.128*		"	*0.130*		*98.4*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2301 - * DEFAULT PREP *** **										
Blank (P1H2301-BLK1)				Prepared & Analyzed: 08/23/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	0.00269	0.00100	"							O-09
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.120*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.2*	*80-120*			
LCS (P1H2301-BS1)				Prepared & Analyzed: 08/23/21						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130			
Toluene	0.113	0.00100	"	0.100		113	70-130			
Ethylbenzene	0.108	0.00100	"	0.100		108	70-130			
Xylene (p/m)	0.222	0.00200	"	0.200		111	70-130			
Xylene (o)	0.0932	0.00100	"	0.100		93.2	70-130			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.1*	*80-120*			
LCS Dup (P1H2301-BSD1)				Prepared & Analyzed: 08/23/21						
Benzene	0.0899	0.00100	mg/kg wet	0.100		89.9	70-130	17.4	20	
Toluene	0.0942	0.00100	"	0.100		94.2	70-130	18.1	20	
Ethylbenzene	0.0909	0.00100	"	0.100		90.9	70-130	17.6	20	
Xylene (p/m)	0.188	0.00200	"	0.200		93.9	70-130	16.7	20	
Xylene (o)	0.0810	0.00100	"	0.100		81.0	70-130	14.0	20	
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*89.2*	*80-120*			
Calibration Check (P1H2301-CCV1)				Prepared & Analyzed: 08/23/21						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.0986	0.00100	"	0.100		98.6	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0873	0.00100	"	0.100		87.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.0*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2301 - * DEFAULT PREP *** **										
Calibration Check (P1H2301-CCV2)				Prepared & Analyzed: 08/23/21						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0948	0.00100	"	0.100		94.8	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.4	80-120			
Xylene (o)	0.0846	0.00100	"	0.100		84.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*94.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*75-125*			
Calibration Check (P1H2301-CCV3)				Prepared & Analyzed: 08/23/21						
Benzene	0.0974	0.00100	mg/kg wet	0.100		97.4	80-120			
Toluene	0.0977	0.00100	"	0.100		97.7	80-120			
Ethylbenzene	0.0876	0.00100	"	0.100		87.6	80-120			
Xylene (p/m)	0.183	0.00200	"	0.200		91.5	80-120			
Xylene (o)	0.0809	0.00100	"	0.100		80.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*88.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.8*	*75-125*			
Matrix Spike (P1H2301-MS1)		**Source: 1H20001-01**		Prepared & Analyzed: 08/23/21						
Benzene	0.0879	0.00116	mg/kg dry	0.116	ND	75.6	80-120			QM-05
Toluene	0.0775	0.00116	"	0.116	ND	66.7	80-120			O-09, QM-05
Ethylbenzene	0.0696	0.00116	"	0.116	ND	59.8	80-120			QM-05
Xylene (p/m)	0.141	0.00233	"	0.233	ND	60.8	80-120			QM-05
Xylene (o)	0.0613	0.00116	"	0.116	ND	52.7	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.140*		"	*0.140*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.135*		"	*0.140*		*96.8*	*80-120*			
Matrix Spike Dup (P1H2301-MSD1)		**Source: 1H20001-01**		Prepared & Analyzed: 08/23/21						
Benzene	0.0876	0.00116	mg/kg dry	0.116	ND	75.3	80-120	0.384	20	QM-05
Toluene	0.0810	0.00116	"	0.116	ND	69.7	80-120	4.43	20	O-09, QM-05
Ethylbenzene	0.0764	0.00116	"	0.116	ND	65.7	80-120	9.38	20	QM-05
Xylene (p/m)	0.157	0.00233	"	0.233	ND	67.3	80-120	10.2	20	QM-05
Xylene (o)	0.0675	0.00116	"	0.116	ND	58.0	80-120	9.53	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.141*		"	*0.140*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.137*		"	*0.140*		*97.8*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2002 - * DEFAULT PREP *** **										
Blank (P1H2002-BLK1)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Blank (P1H2002-BLK2)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Blank (P1H2002-BLK3)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Blank (P1H2002-BLK4)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Blank (P1H2002-BLK5)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Duplicate (P1H2002-DUP1)		**Source: 1H13005-02**		Prepared & Analyzed: 08/20/21						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P1H2002-DUP2)		**Source: 1H13005-12**		Prepared & Analyzed: 08/20/21						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P1H2002-DUP3)		**Source: 1H13005-27**		Prepared & Analyzed: 08/20/21						
% Moisture	18.0	0.1	%		18.0			0.00	20	
Duplicate (P1H2002-DUP4)		**Source: 1H13005-37**		Prepared & Analyzed: 08/20/21						
% Moisture	9.0	0.1	%		10.0			10.5	20	
Duplicate (P1H2002-DUP5)		**Source: 1H13006-04**		Prepared & Analyzed: 08/20/21						
% Moisture	10.0	0.1	%		15.0			40.0	20	R3

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2002 - * DEFAULT PREP *** **										
Duplicate (P1H2002-DUP6)	**Source: 1H13006-14**			Prepared & Analyzed: 08/20/21						
% Moisture	5.0	0.1	%		6.0			18.2	20	
Duplicate (P1H2002-DUP7)	**Source: 1H16004-01**			Prepared & Analyzed: 08/20/21						
% Moisture	2.0	0.1	%		1.0			66.7	20	R3
Duplicate (P1H2002-DUP8)	**Source: 1H17002-03**			Prepared & Analyzed: 08/20/21						
% Moisture	16.0	0.1	%		16.0			0.00	20	
Batch P1H2202 - * DEFAULT PREP *** **										
Blank (P1H2202-BLK1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1H2202-BS1)				Prepared & Analyzed: 08/22/21						
Chloride	399	1.00	mg/kg wet	400		99.9	90-110			
LCS Dup (P1H2202-BSD1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	398	1.00	mg/kg wet	400		99.4	90-110	0.479	20	
Calibration Blank (P1H2202-CCB1)				Prepared & Analyzed: 08/22/21						
Chloride	0.00		mg/kg wet							
Calibration Check (P1H2202-CCV1)				Prepared & Analyzed: 08/22/21						
Chloride	20.1		mg/kg	20.0		100	90-110			
Calibration Check (P1H2202-CCV2)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	20.2		mg/kg	20.0		101	90-110			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2202 - * DEFAULT PREP *** **										
Calibration Check (P1H2202-CCV3)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	20.1		mg/kg	20.0		100	90-110			
Matrix Spike (P1H2202-MS1)		Source: 1H12005-13		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	521	1.03	mg/kg dry	515	5.07	100	80-120			
Matrix Spike (P1H2202-MS2)		Source: 1H13001-02		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	722	1.14	mg/kg dry	568	152	100	80-120			
Matrix Spike Dup (P1H2202-MSD1)		Source: 1H12005-13		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	517	1.03	mg/kg dry	515	5.07	99.3	80-120	0.870	20	
Matrix Spike Dup (P1H2202-MSD2)		Source: 1H13001-02		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	718	1.14	mg/kg dry	568	152	99.7	80-120	0.499	20	
Batch P1H2203 - * DEFAULT PREP *** **										
Blank (P1H2203-BLK1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1H2203-BS1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	414	1.00	mg/kg wet	400		103	90-110			
LCS Dup (P1H2203-BSD1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	412	1.00	mg/kg wet	400		103	90-110	0.397	20	
Calibration Blank (P1H2203-CCB1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	-0.200		mg/kg wet							

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
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Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2203 - * DEFAULT PREP *** **										
Calibration Check (P1H2203-CCV1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	20.1		mg/kg	20.0		100	90-110			
Calibration Check (P1H2203-CCV3)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	20.4		mg/kg	20.0		102	90-110			
Matrix Spike (P1H2203-MS1)		**Source: 1H17004-04**		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	1250	11.1	mg/kg dry	1110	119	102	80-120			
Matrix Spike (P1H2203-MS2)		**Source: 1H10002-05**		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	7450	27.5	mg/kg dry	2750	5140	84.0	80-120			
Matrix Spike Dup (P1H2203-MSD1)		**Source: 1H17004-04**		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	1280	11.1	mg/kg dry	1110	119	104	80-120	2.39	20	
Matrix Spike Dup (P1H2203-MSD2)		**Source: 1H10002-05**		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	7710	27.5	mg/kg dry	2750	5140	93.7	80-120	3.52	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H1906 - TX 1005										
Blank (P1H1906-BLK1)				Prepared: 08/19/21 Analyzed: 08/21/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*112*		"	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*61.1*		"	*50.0*		*122*	*70-130*			
LCS (P1H1906-BS1)				Prepared: 08/19/21 Analyzed: 08/21/21						
C6-C12	1010	25.0	mg/kg wet	1000		101	75-125			
>C12-C28	1090	25.0	"	1000		109	75-125			
Surrogate: 1-Chlorooctane	*117*		"	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*62.2*		"	*50.0*		*124*	*70-130*			
LCS Dup (P1H1906-BSD1)				Prepared: 08/19/21 Analyzed: 08/21/21						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125	1.44	20	
>C12-C28	1120	25.0	"	1000		112	75-125	2.61	20	
Surrogate: 1-Chlorooctane	*117*		"	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*62.2*		"	*50.0*		*124*	*70-130*			
Calibration Check (P1H1906-CCV1)				Prepared: 08/19/21 Analyzed: 08/21/21						
C6-C12	521	25.0	mg/kg wet	500		104	85-115			
>C12-C28	556	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	*112*		"	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*63.1*		"	*50.0*		*126*	*70-130*			
Calibration Check (P1H1906-CCV2)				Prepared: 08/19/21 Analyzed: 08/22/21						
C6-C12	548	25.0	mg/kg wet	500		110	85-115			
>C12-C28	548	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	*117*		"	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*63.3*		"	*50.0*		*127*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H1906 - TX 1005										
Matrix Spike (P1H1906-MS1)	**Source: 1H17004-02**			Prepared: 08/19/21 Analyzed: 08/22/21						
C6-C12	1220	28.1	mg/kg dry	1120	17.9	107	75-125			
>C12-C28	1320	28.1	"	1120	16.0	116	75-125			
Surrogate: 1-Chlorooctane	*134*		*"*	*112*		*119*	*70-130*			
Surrogate: o-Terphenyl	*72.4*		*"*	*56.2*		*129*	*70-130*			
Matrix Spike Dup (P1H1906-MSD1)	**Source: 1H17004-02**			Prepared: 08/19/21 Analyzed: 08/22/21						
C6-C12	1160	28.1	mg/kg dry	1120	17.9	101	75-125	5.67	20	
>C12-C28	1240	28.1	"	1120	16.0	109	75-125	6.59	20	
Surrogate: 1-Chlorooctane	*127*		*"*	*112*		*113*	*70-130*			
Surrogate: o-Terphenyl	*68.0*		*"*	*56.2*		*121*	*70-130*			
Batch P1H2006 - TX 1005										
Blank (P1H2006-BLK1)				Prepared: 08/20/21 Analyzed: 08/22/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*63.5*		*"*	*50.0*		*127*	*70-130*			
LCS (P1H2006-BS1)				Prepared: 08/20/21 Analyzed: 08/22/21						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125			
>C12-C28	1130	25.0	"	1000		113	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*63.0*		*"*	*50.0*		*126*	*70-130*			
LCS Dup (P1H2006-BSD1)				Prepared: 08/20/21 Analyzed: 08/22/21						
C6-C12	1070	25.0	mg/kg wet	1000		107	75-125	0.843	20	
>C12-C28	1150	25.0	"	1000		115	75-125	1.27	20	
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*62.1*		*"*	*50.0*		*124*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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 P1H2006 - TX 1005										
Calibration Check (P1H2006-CCV1)				Prepared: 08/20/21 Analyzed: 08/22/21						
C6-C12	546	25.0	mg/kg wet	500		109	85-115			
>C12-C28	562	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*64.9*		*"*	*50.0*		*130*	*70-130*			
Calibration Check (P1H2006-CCV2)				Prepared: 08/20/21 Analyzed: 08/22/21						
C6-C12	542	25.0	mg/kg wet	500		108	85-115			
>C12-C28	528	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	*118*		*"*	*100*		*118*	*70-130*			
Surrogate: o-Terphenyl	*63.3*		*"*	*50.0*		*127*	*70-130*			
Calibration Check (P1H2006-CCV3)				Prepared: 08/20/21 Analyzed: 08/23/21						
C6-C12	533	25.0	mg/kg wet	500		107	85-115			
>C12-C28	564	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*65.0*		*"*	*50.0*		*130*	*70-130*			
Matrix Spike (P1H2006-MS1)		**Source: 1H19005-01**		Prepared: 08/20/21 Analyzed: 08/22/21						
C6-C12	912	28.1	mg/kg dry	1120	17.6	79.6	75-125			
>C12-C28	898	28.1	"	1120	345	49.2	75-125			S-GC
Surrogate: 1-Chlorooctane	*137*		*"*	*112*		*122*	*70-130*			
Surrogate: o-Terphenyl	*54.7*		*"*	*56.2*		*97.4*	*70-130*			
Matrix Spike Dup (P1H2006-MSD1)		**Source: 1H19005-01**		Prepared: 08/20/21 Analyzed: 08/22/21						
C6-C12	931	28.1	mg/kg dry	1120	17.6	81.3	75-125	2.12	20	
>C12-C28	935	28.1	"	1120	345	52.5	75-125	6.58	20	S-GC
Surrogate: 1-Chlorooctane	*124*		*"*	*112*		*111*	*70-130*			
Surrogate: o-Terphenyl	*57.2*		*"*	*56.2*		*102*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

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.
O-09	This compound is a common laboratory contaminant. Compound also present in method blank.
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: 8/25/2021

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Canyonlands 2 State Com
13000 West County Road 100	Project Number: 14465
Odessa TX, 79765	Project Manager: Brandon Wilson

LCH CK TB W TB

PBELAB Permian Basin Environmental Lab, LP

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

(Cimarex)

Project Name: Canyonlands 2 State Com

Project #: 14465 Project Loc: New Mexico

Area: PO#:

Project Manager: Brandon Wilson

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 8469

City/State/Zip: Midland, Texas 79708

Sampler Signature: email: Brandon@etechenv.com

luigC@cimarex.com

☐ Bill Etech Bill Cimarex

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

(lab use only)
ORDER #: 1H17004

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. 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-PotableSpecify Other	Analyze For: TCLP: 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	Bottom Hole 1	–	24"	8.13.21	12:00P	1	☒								S			☒							☒			☒			☒
2	Bottom Hole 2	–	24"	8.13.21	12:05P	1	☒								S			☒							☒			☒			☒
3	North Sidewall 1	–	24"	8.13.21	12:10P	1	☒								S			☒							☒			☒			☒
4	North Sidewall 2	–	24"	8.13.21	12:15P	1	☒								S			☒							☒			☒			☒
5	East Sidewall	–	24"	8.13.21	12:20P	1	☒								S			☒							☒			☒			☒
6	South Sidewall 1	–	24"	8.13.21	12:25P	1	☒								S			☒							☒			☒			☒
7	South Sidewall 2	–	24"	8.13.21	12:30P	1	☒								S			☒							☒			☒			☒
8	West Sidewall	–	24"	8.13.21	12:35P	1	☒								S			☒							☒			☒			☒
9	Background	–	3"	8.13.21	12:40P	1	☒								S			☒							☒			☒			☒
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Special Instructions:

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: 2.3 3.3 °C +.2

	Relinquished by:	Date	Time	Received by:	Date	Time
	Blake Estes	8.16.21	12:44P			
	Relinquished by:	Date	Time	Received by:	Date	Time
	Relinquished by:	Date	Time	Received by: Alyssa Kaddeck	8/16/21	12:44

APPENDIX C

Environmental & Safety Solutions, Inc.

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321357103265201

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321357103265201 24S.34E.11.112313

Lea County, New Mexico
Latitude 32°14'16.5", Longitude 103°26'49.0" NAD83
Land-surface elevation 3,486 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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1976-01-21		D	62610		3443.12	NGVD29	1	Z		
1976-01-21		D	62611		3444.74	NAVD88	1	Z		
1976-01-21		D	72019	41.26			1	Z		
1981-03-19		D	62610		3442.47	NGVD29	1	Z		
1981-03-19		D	62611		3444.09	NAVD88	1	Z		
1981-03-19		D	72019	41.91			1	Z		
1986-03-07		D	62610		3442.53	NGVD29	1	Z		
1986-03-07		D	62611		3444.15	NAVD88	1	Z		
1986-03-07		D	72019	41.85			1	Z		
1991-05-30		D	62610		3442.29	NGVD29	1	Z		
1991-05-30		D	62611		3443.91	NAVD88	1	Z		
1991-05-30		D	72019	42.09			1	Z		
1996-03-13		D	62610		3443.45	NGVD29	1	S		
1996-03-13		D	62611		3445.07	NAVD88	1	S		
1996-03-13		D	72019	40.93			1	S		
2015-12-19	00:00 UTC	m	62610		3440.47	NGVD29	1	S	USGS	
2015-12-19	00:00 UTC	m	62611		3442.09	NAVD88	1	S	USGS	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
2015-12-19	00:00 UTC	m	72019	43.91			1	S	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

APPENDIX D

eTECH Environmental & Safety Solutions, Inc.

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: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 53747
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	10/27/2021