



May 9, 2022

Robert Hamlet
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
PH #: 575-748-1283
Robert.Hamlet@state.nm.us

Re: Remediation Workplan and Extension Request
Centennial Resource Development, Inc.
Cheddar 1H Release (nRM2033536188)
GPS: N 32.416606° W 103.704514°
Unit Letter "M", Section 5, Township 22 South, Range 32 East
Lea County, New Mexico

Dear Mr. Hamlet,

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Centennial Resource Development, Inc. (Centennial), has prepared this Remediation Workplan and Extension Request for the Cheddar 1H Release Site (Release Site). The purpose of this document is to request an extension for remediation activities designed to advance the Cheddar 1H Release Site toward a New Mexico Oil and Conservation District (NMOCD) approved Site Closure Status. The legal description of the Release Site is Unit Letter "M", Section 5, Township 22 South, Range 32 East, in Lea County, New Mexico. The GPS coordinates for the site are N 32.416606° W 103.704514°. A Site Location Map and Site Details and Initial Soil Sample Location Map are provided as Figure 1 and Figure 2, respectively.

INTRODUCTION

On November 2, 2020, a reportable release occurred at the Cheddar 1H. The release was the result of fluid building up within the flare line, which pushed out landing adjacent to the flare, igniting then self-extinguishing. A Release Notification and Corrective Action Form (Form C-141) was subsequently submitted to the NMOCD on November 17, 2020 and assigned incident number nRM2033536188. The release was reported as approximately one (1) barrel of crude oil released with approximately zero (0) barrels of crude oil recovered, resulting in a net loss of approximately one (1) barrel of crude oil. A form NMOCD Release Notification and Corrective Action Form C-141 is attached to this documentation.

NMOCD SITE CLASSIFICATION

A search of the groundwater database maintained by the United States Geological Survey (USGS) did not identify any registered water wells within a quarter (1/4) mile of the Cheddar 1H Release Site. A search of the New Mexico Office of the State Engineer database identified the closest registered water well as POD C 04144 POD1 located approximately one and one third (1.3) of a mile southwest of the Release Site. The average depth to groundwater for POD C 04144 POD1 should be encountered at approximately forty-nine (49) feet below ground surface (bgs). No water wells were observed within one thousand (1,000) feet of the release. Based on the NMOCD site classification system, the following soil remediation levels were assigned to the Cheddar 1H Release Site as a result of this criterion:

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

INITIAL DELINEATION WITH REMEDIATION ACTIVITIES AND NMOCD DENIAL

Between February 23 and August 5, 2021, Etech performed delineation and remediation activities concurrently in order to facilitate the remediation of the Release Site. An outline of the release area and initial sampling points are presented as Site Details Map Section A and B on Figures 3 and 4, respectively. According to Table 1 Concentrations of Benzene, BTEX, TPH, and Chloride in Soils, the site appears to be impacted with Total Petroleum Hydrocarbons (TPH) only with depths of impacts ranging from 3” to 1 ½ foot bgs across the site. The benzene, total BTEX and Chlorides were below NMOCD standards for all samples collected and analyzed.

In a report entitled “*Closure Request and Remediation Summary Report*” dated September 2021, Etech outlined the initial delineation and remediation activities at the site. Etech excavated from 3” to 1 ½ foot bgs at the site based on field chloride sampling and photoionization detector (PID) readings. Clean like sourced materials were then brought in from an off-site location and mixed and blended with the existing stockpiled soils in order to decrease the TPH levels within the soils. Bottom hole samples were collected and submitted for analysis of BTEX, TPH, and Chlorides. Once stockpiled samples were below NMOCD standards, the site was backfilled. See Table 1 for analytical results. Upon completion of the remediation, Etech requested a closure be granted for the site based on remediation efforts.

In an email dated March 10, 2022, the NMOCD rejected the submittal “*Application for administrative approval of a release notification and corrective action*” (C-141), for incident ID (n#) nRM2033536188 for the following reasons:

- The Closure Report is denied. Etech’s mixing and blending technique was not adequately defined, however, blending soils to obtain desired analytical results is not an OCD approved remedial method.

See NMOCD email response attached to this report.

SOIL REMEDIATION WORKPLAN AND EXTENSION REQUEST

Etech proposes to complete remediation at the site in accordance with NMOCD rules and regulations which will entail the following:

- Soils initially excavated and blended (approximately 1,100 cubic yards of soil) will be re-excavated to an appropriate depth (proposed 3" bgs along northern overspray area and between 3" and 1 ½ ft bgs in southern section of field and pad area). See Figure 5 for proposed excavation depths based on initial soil sampling results.
- Excavated and blended soils will be stockpiled on plastic onsite awaiting disposal.
- Field screening utilizing chloride test kits and a PID meter will be utilized to screen the soils for determination of laboratory sampling and additional excavation, if warranted.
- Upon completion of the excavation, confirmation soil samples will be collected every two hundred (200) square feet from the base and sidewalls of the excavated areas. Samples will be submitted to Permian Basin Environmental Labs of Texas (PBELAB) for analysis of BTEX by EPA Method 8021B, TPH by EPA Method 8015M, and Chlorides by EPA method 300.0.
- An estimated 1,100 cubic yards of impacted soils will be transported off-site for disposal at an NMOCD approved landfill or landfarm.
- Upon completion of remediation and requisite soil sampling, the site will be backfilled with like-source non-impacted soils from an approved off-site facility and brought back to grade.
- Site will be reseeded with BLM approved seed.
- A closure report with corrected C-141 will be submitted to the NMOCD upon completion of remediation activities.

In order to complete the above tasks, Etech, on behalf of Centennial requests a ninety (90) day extension to complete remediation activities and to submit a "Remediation Summary and Site Closure Request Report" to the NMOCD.

If you have any questions, or if additional information is required, please feel free to call me at 432-563-2200 (office) or 432-653-9697 (cell).

Thank you,

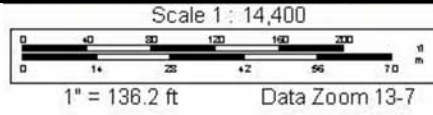
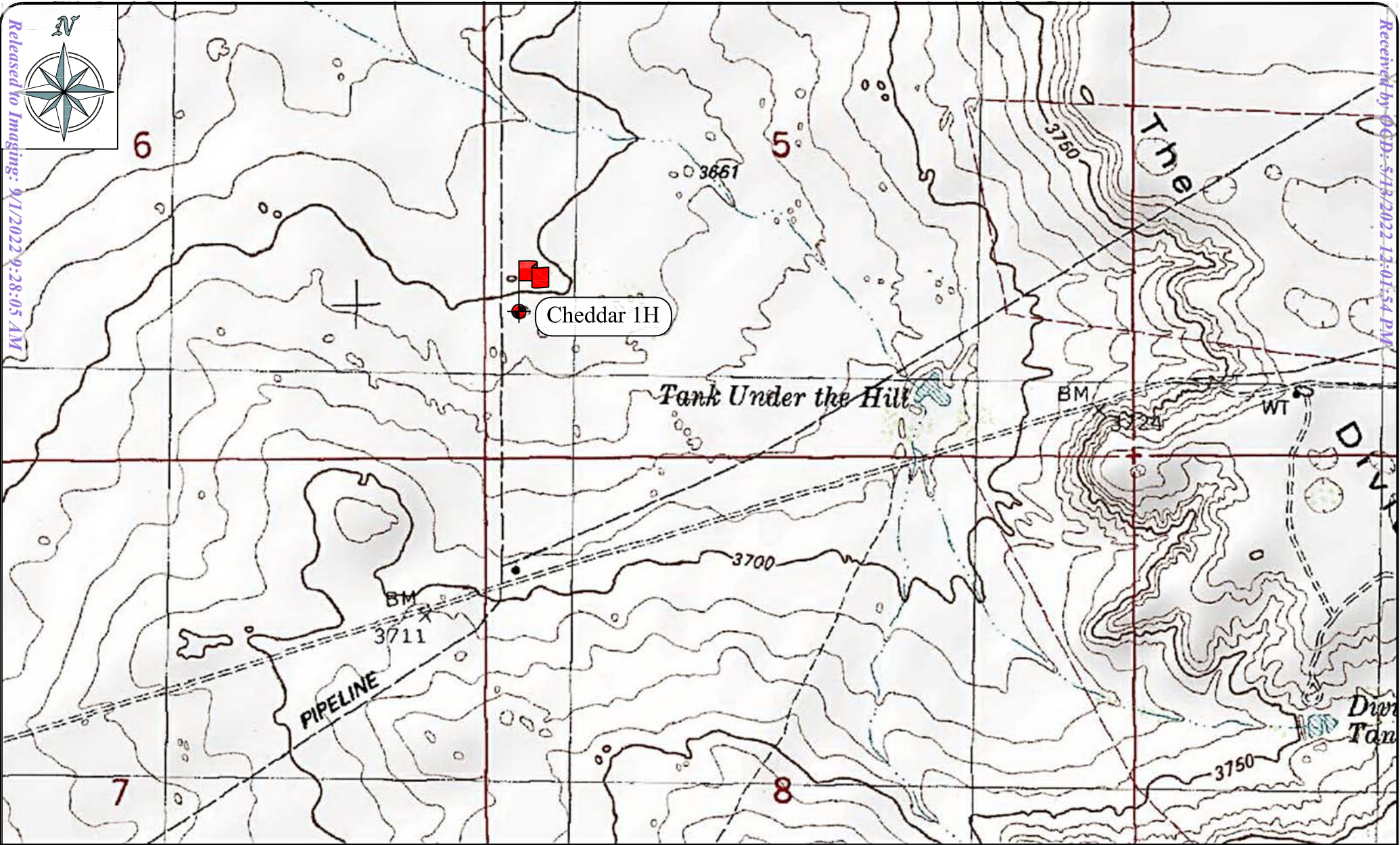


Jeffrey Kindley, P.G.
Senior Project Manager/Geologist
Etech Environmental & Safety Solutions, Inc.

Attachments:


Figure 1 - Site Location Map
Figure 2 - Soil Details & Initial Soil Sample Map
Figure 3 - Site Details Map - Section A
Figure 4 - Site Details Map - Section B
Figure 5 – Proposed Excavation Depths
Table 1 - Concentrations of Benzene, BTEX, TPH and Chloride in Soil
Photographic Documentation
Laboratory Analytical Results
Initial Release Notification and Corrective Action (Form C-141)
NMOCD Email Response to Closure Report Request

cc: File



Site - Cheddar 1H
Site Location Map
Centennial Resource Development, Inc.
Lea County, NM
N 32.416606°, W 103.704514°
November 11, 2020

Legend

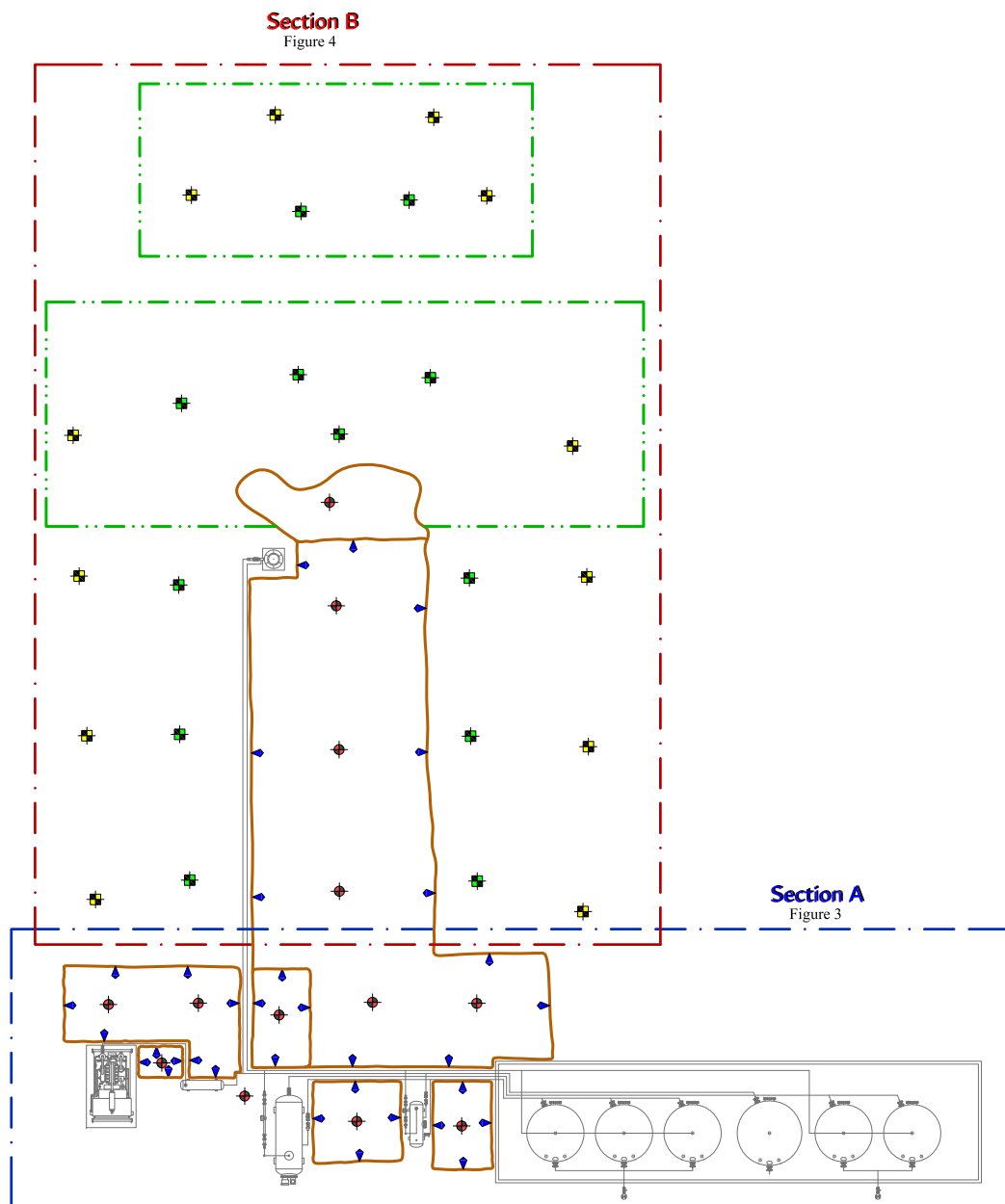
 = Site Location

ETECH
Environmental & Safety Solutions, Inc.

CDEV ID No.: 40950

Figure 1

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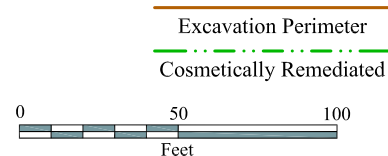


Note:
See Figure 3 & 4 for sample point sections and details

Site - Cheddar 1H
Site Details & Confirmation Sample Map
Centennial Resource Development, Inc.
Lea County, NM
N 32.416606°, W 103.704514°
November 11, 2020

- = Bottom Hole Sample Point
- = Sample Point
- ⊠ = Perimeter Sample Point
- ◆ = Side Wall Sample Point

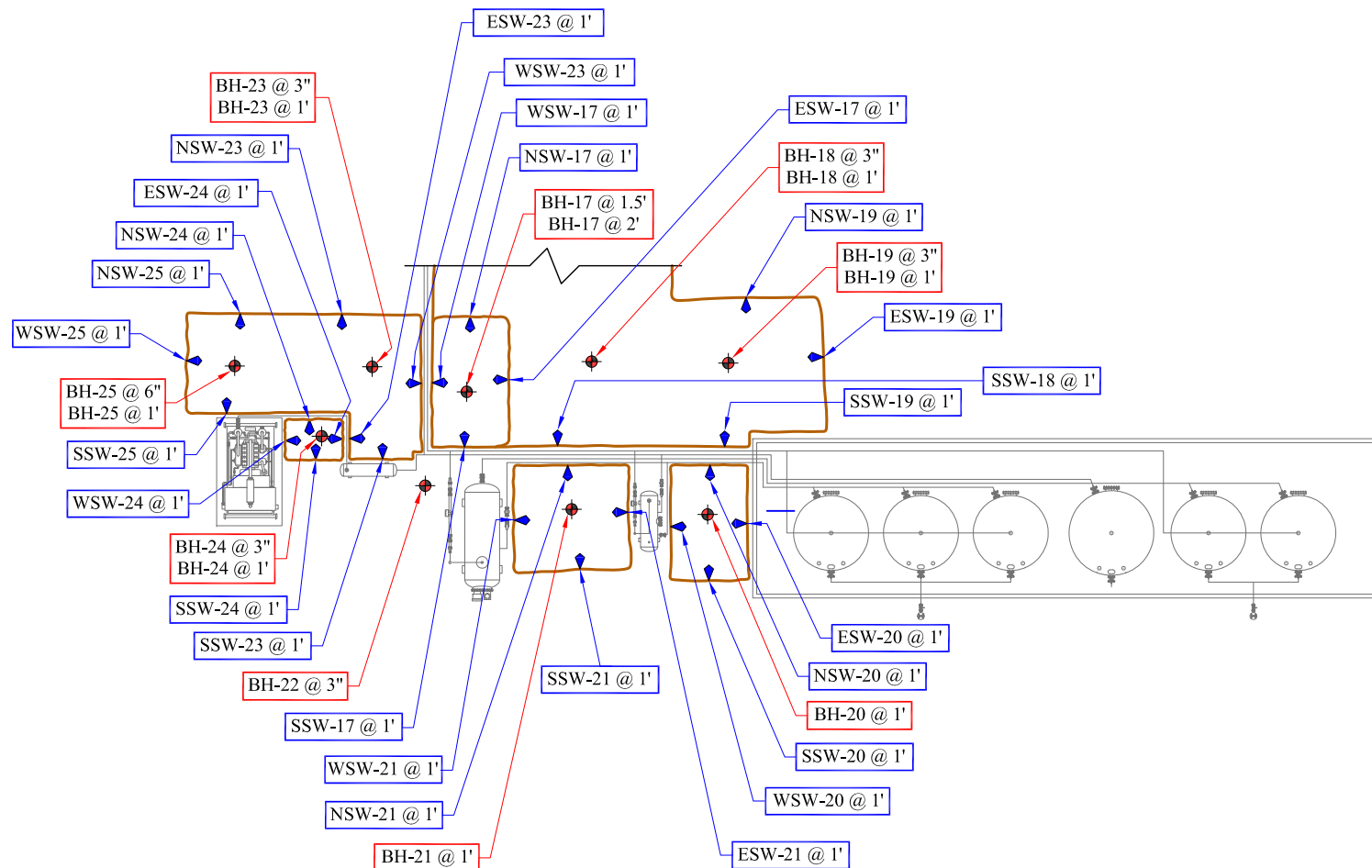
Legend



CDEV ID No.:

40950

Figure 2



All sample points are approximate

Site - Cheddar 1H
 Site Details Map - Section A
 Centennial Resource Development, Inc.
 Lea County, NM
 N 32.416606°, W 103.704514°
 November 11, 2020

Legend

- = Bottom Hole Sample Point
- = Side Wall Sample Point

Excavation Perimeter

Not to Scale

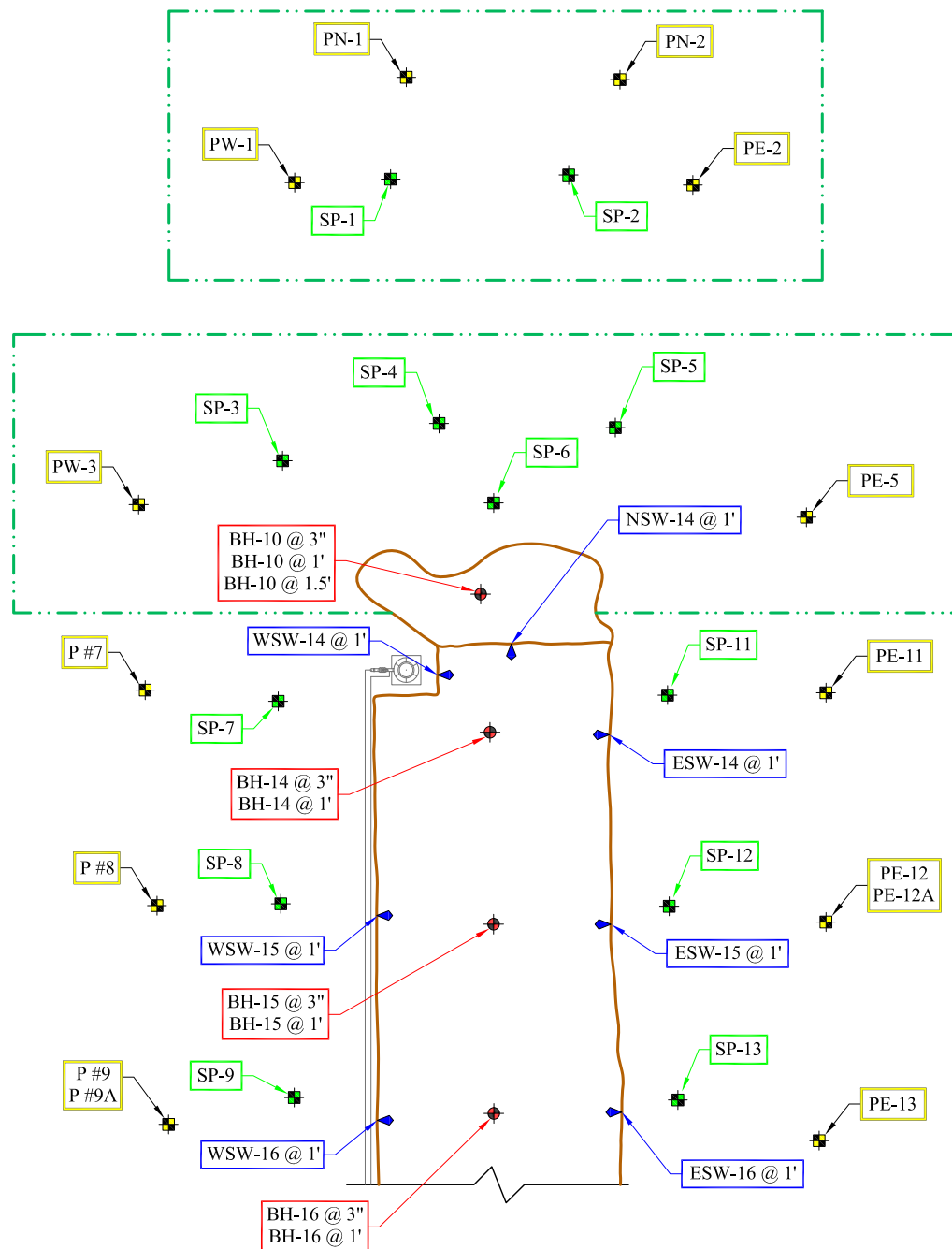
All sample points are approximate



CDEV ID No.:

40950

Figure 3



Site - Cheddar 1H
 Site Details Map - Section B
 Centennial Resource Development, Inc.
 Lea County, NM
 N 32.416606°, W 103.704514°
 November 11, 2020

Legend

- = Bottom Hole Sample Point
- = Sample Point
- = Perimeter Sample Point
- = Side Wall Sample Point

= Excavation Perimeter
 = Cosmetically Remediated

Not to Scale

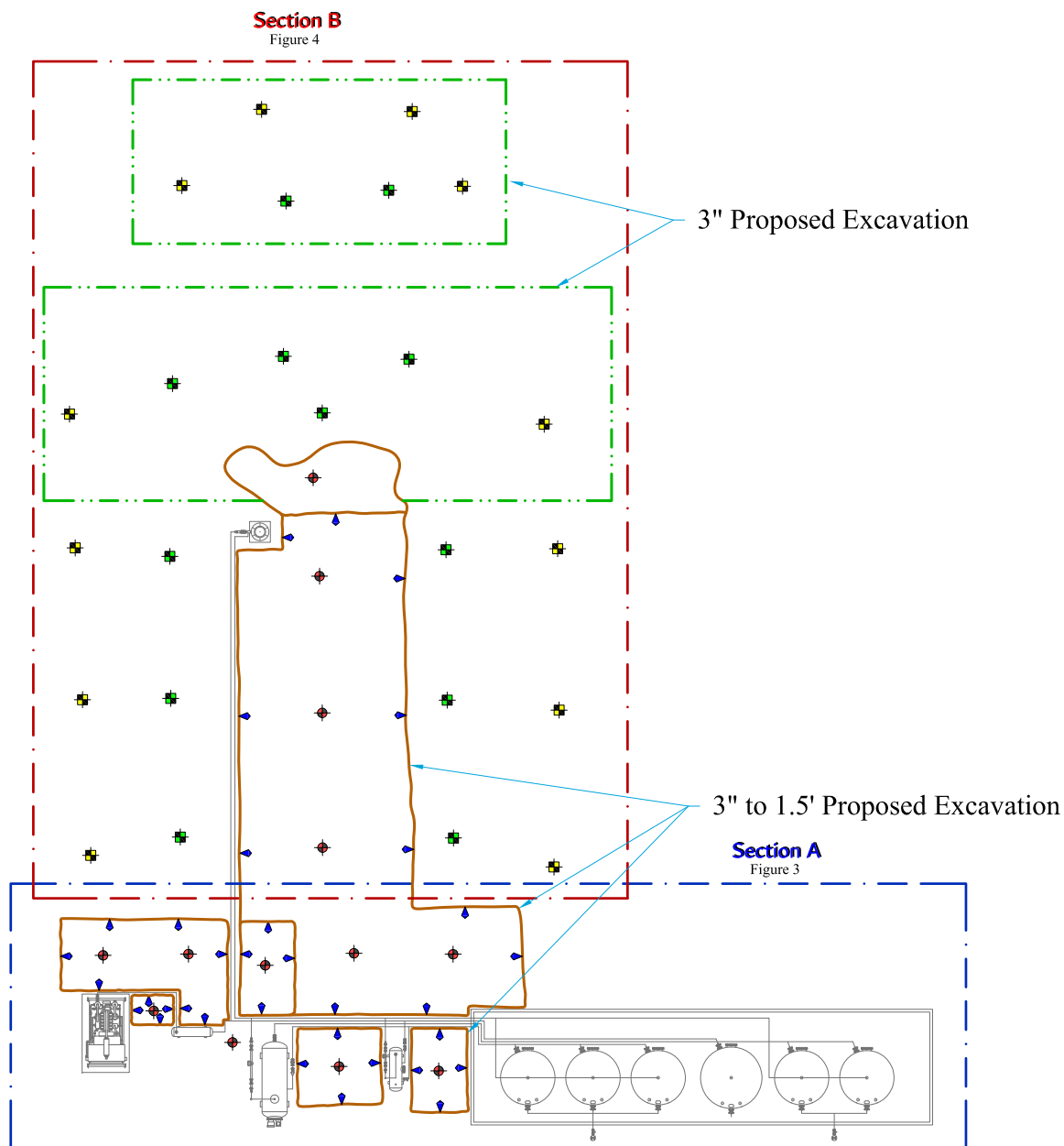
All sample points are approximate



CDEV ID No.:

40950

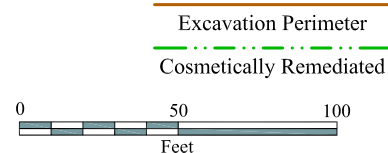
Figure 4



Note:
See Figure 3 & 4 for sample point sections and details

Site - Cheddar 1H
Proposed Excavation Depths
Centennial Resource Development, Inc.
Lea County, NM
N 32.416606°, W 103.704514°
April 19, 2022

- Legend
- ◆ = Bottom Hole Sample Point
 - = Sample Point
 - = Perimeter Sample Point
 - ◆ = Side Wall Sample Point



CDEV ID No.:

40950

Figure 5

TABLE 1

**CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
CONFIRMATION SAMPLE RESULTS
CENTENNIAL RESOURCE DEVELOPMENT, INC.**

**CHEDDAR 1H
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															
Sample Point 1	2/26/2021	<0.00101	<0.00101	<0.00101	0.00336	<0.00101	0.00336	0.00336	<25.3	<25.3	<25.3	<25.3	<1.01		
Sample Point 2	2/26/2021	<0.00111	<0.00111	<0.00111	<0.00222	<0.00111	<0.00222	<0.00222	<27.8	<27.8	<27.8	<27.8	8.97		
Sample Point 3	2/26/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	51.2	<25.0	51.2	1.78		
Sample Point 4	2/26/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	116	33.1	149.1	<1.00		
Sample Point 4	4/1/2021	-	-	-	-	-	-	-	<25.0	31.4	29.6	61.0	-		
Sample Point 5	2/26/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	<1.00		
Sample Point 6	2/26/2021	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<25.5	57.8	<25.5	57.8	5.09		
Sample Point 7	2/26/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	91.8	<25.0	91.8	3.65		
Sample Point 8	2/26/2021	<0.00103	<0.00103	<0.00103	<0.00206	<0.00103	<0.00206	<0.00206	<25.8	48.0	<25.8	48.0	7.67		
Sample Point 9	2/26/2021	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<25.5	74.0	<25.5	74.0	5.13		
BH-10 @ 3"	2/26/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	720	121	841	265		
BH-10 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.5	130	<25.5	130	-		
BH-10 @ 1.5'	5/18/2021	-	-	-	-	-	-	-	<25.3	<25.3	<25.3	<25.3	-		
Sample Point 11	2/26/2021	<0.00103	<0.00103	<0.00103	<0.00206	<0.00103	<0.00206	<0.00206	<25.8	108	<25.8	108	3.68		
Sample Point 11	4/1/2021	-	-	-	-	-	-	-	<25.0	59.6	<25.0	59.6	-		
Sample Point 12	2/26/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	2.23		
Sample Point 13	2/26/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	76.8	<25.0	76.8	6.79		
BH-14 @ 3"	2/26/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	5,220	1,010	6,230	150		
BH-14 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.8	<25.8	<25.8	<25.8	-		
BH-15 @ 3"	2/26/2021	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<255	19,900	3,660	23,560	86.6		
BH-15 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.0	25.4	<25.0	25.4	-		

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
 CONFIRMATION SAMPLE RESULTS
 CENTENNIAL RESOURCE DEVELOPMENT, INC.

CHEDDAR 1H
 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
BH-16 @ 3"	2/26/2021	<0.00100	0.00120	<0.00100	<0.00200	<0.00100	<0.00200	0.00120	<250	18,600	2,670	21,270	67.2
BH-16 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.3	<25.3	<25.3	<25.3	-
BH-17 @ 1.5'	3/2/2021	<0.00103	<0.00103	<0.00103	<0.00206	<0.00103	<0.00206	<0.00206	<25.8	364	92.3	456.3	18.0
BH-17 @ 2'	4/1/2021	-	-	-	-	-	-	-	<25.3	<25.3	<25.3	<25.3	-
BH-18 @ 3"	3/2/2021	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	29.8	829	130	988.8	94.9
BH-18 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.3	<25.3	<25.3	<25.3	-
BH-19 @ 3"	3/2/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	395	71.7	466.7	60.5
BH-19 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.3	<25.3	<25.3	<25.3	-
BH-20 @ 1'	3/2/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	69.0	<25.3	69.0	5.22
BH-21 @ 1'	3/2/2021	<0.00110	<0.00110	<0.00110	<0.00220	<0.00110	<0.00220	<0.00220	<27.5	70.4	<27.5	70.4	<1.10
BH-22 @ 3"	3/2/2021	<0.00104	<0.00104	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	<26.0	<26.0	<26.0	<26.0	9.84
BH-23 @ 3"	3/2/2021	<0.00104	<0.00104	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	<130	8,180	1,620	9,800	106
BH-23 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.3	<25.3	<25.3	<25.3	-
BH-24 @ 3"	3/2/2021	<0.00104	<0.00104	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	<26.0	458	153	611	<1.04
BH-24 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.3	<25.3	<25.3	<25.3	-
BH-25 @ 6"	3/2/2021	<0.00103	<0.00103	<0.00103	<0.00206	<0.00103	<0.00206	<0.00206	<25.8	230	54.5	284.5	530
BH-25 @ 1'	4/1/2021	-	-	-	-	-	-	-	<25.3	<25.3	<25.3	<25.3	-
Side Wall Sample Results													
NSW-14 @ 1'	4/5/2021	<0.00103	<0.00103	<0.00103	<0.00206	<0.00103	<0.00206	<0.00206	<25.8	<25.8	<25.8	<25.8	27.6
ESW-14 @ 1'	4/1/2021	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<25.5	<25.5	<25.5	<25.5	43.5
WSW-14 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	9.11
ESW-15 @ 1'	4/1/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	<1.00
WSW-15 @ 1'	4/1/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	<1.00

TABLE 1

**CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
CONFIRMATION SAMPLE RESULTS
CENTENNIAL RESOURCE DEVELOPMENT, INC.**

**CHEDDAR 1H
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 BTX	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
ESW-16 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	5.73
WSW-16 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
NSW-17 @ 1'	4/5/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
SSW-17 @ 1'	4/5/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
ESW-17 @ 1'	4/5/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
WSW-17 @ 1'	4/5/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
SSW-18 @ 1'	4/5/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	1.77
NSW-19 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	25.6	<25.3	25.6	<1.01
SSW-19 @ 1'	4/5/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
ESW-19 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
NSW-20 @ 1'	3/2/2021	<0.00106	<0.00106	<0.00106	<0.00213	<0.00106	<0.00213	<0.00213	<26.6	27.6	<26.6	27.6	4.67
SSW-20 @ 1'	3/2/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
ESW-20 @ 1'	3/2/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
WSW-20 @ 1'	3/2/2021	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<25.5	93.4	<25.5	93.4	3.39
NSW-21 @ 1'	3/2/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
SSW-21 @ 1'	3/2/2021	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<25.5	<25.5	<25.5	<25.5	<1.02
ESW-21 @ 1'	3/2/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	78.3	<25.3	78.3	<1.01
WSW-21 @ 1'	3/2/2021	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<25.5	<25.5	<25.5	<25.5	<1.02
NSW-23 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
SSW-23 @ 1'	4/1/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	4.13
ESW-23 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
WSW-23 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
NSW-24 @ 1'	4/1/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	<1.00
SSW-24 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
ESW-24 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
WSW-24 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	3.87

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
 CONFIRMATION SAMPLE RESULTS
 CENTENNIAL RESOURCE DEVELOPMENT, INC.

CHEDDAR 1H
 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 BTX	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
NSW-25 @ 1'	4/1/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	3.23
SSW-25 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	9.52
WSW-25 @ 1'	4/1/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	6.02
Perimeter Sample Results													
Perimeter #7	3/8/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	<1.00
Perimeter #8	3/8/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	28.6	<25.0	28.6	1.33
Perimeter #9	3/8/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	1,180	213	1,393	12.6
Perimeter #9A	5/18/2021	-	-	-	-	-	-	-	<25.8	<25.8	<25.8	<25.8	-
Perimeter N-1	3/8/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	28.7	<25.0	28.7	8.48
Perimeter N-2	3/8/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	11.5
Perimeter E-2	3/8/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	13.9
Perimeter E-5	3/8/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	4.06
Perimeter E-11	3/8/2021	<0.00100	0.00462	0.00186	<0.00200	<0.00100	<0.00200	0.00648	<25.0	<25.0	<25.0	<25.0	<1.00
Perimeter E-12	3/8/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	381	90.3	471.3	4.54
Perimeter E-12A	5/18/2021	-	-	-	-	-	-	-	<25.5	<25.5	<25.5	<25.5	-
Perimeter E-13	3/8/2021	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<25.0	<25.0	<25.0	<25.0	<1.00
Perimeter W-1	3/8/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	<25.3	<25.3	<25.3	<1.01
Perimeter W-3	3/8/2021	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	78.4	<25.3	78.4	2.11
Stockpile Sample Results													
Stockpile	3/2/2021	<0.00101	0.00968	0.0142	0.297	0.0868	0.3838	0.40768	614	6,650	1,140	8,404	66.1
Stockpile	4/1/2021	-	-	-	-	-	-	-	35.9	1,190	197	1,422.9	-
Stockpile	5/18/2021	-	-	-	-	-	-	-	28.7	1,120	179	1,327.7	-
Stockpile	6/25/2021	-	-	-	-	-	-	-	<25.3	181	<25.3	181	-
Stockpile	8/5/2021	-	-	-	-	-	-	-	<26.9	<26.9	<26.9	<26.9	-

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

"-" denotes analyte not analyzed.

Project Name: Cheddar 1H
Project No: 13389

Photographic Documentation

Project Name: Cheddar 1H
Project No: 13389

Photographic Documentation

Project Name: Cheddar 1H
Project No: 13389

Photographic Documentation

Project Name: Cheddar 1H
Project No: 13389

Photographic Documentation

Photo No: 7.	
Direction Taken: Northeast	
Description: View of excavation activities.	

Photo No: 8.	
Direction Taken: West	
Description: View of remediation activities.	

Project Name: Cheddar 1H
Project No: 13389

Photographic Documentation

Photo No: 9.	 A photograph showing a remediated area with a large pile of light-colored sand or soil in the foreground. In the background, there is industrial equipment, including large cylindrical tanks, pipes, and a red truck. The date 2021/07/16 is visible in the bottom right corner of the photo.
Direction Taken: Southwest	
Description: View of the remediated area.	

Photo No: 10.	 A photograph showing a remediated area with a large pile of light-colored sand or soil in the foreground. In the background, there is industrial equipment, including large cylindrical tanks, pipes, and a red truck. The date 2021/07/16 is visible in the bottom right corner of the photo.
Direction Taken: Southwest	
Description: View of the remediated area.	

Project Name: Cheddar 1H
Project No: 13389

Photographic Documentation

Photo No: 11.	
Direction Taken: North	
Description: View of the remediated area.	

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



Revised Analytical Report

Prepared for:

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

Project: Chedder 3BS Fed Com #1H

Project Number: 13389

Location: Lea County, NM

Lab Order Number: 1C11006



Current Certification

Report Date: 03/23/21

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

Fax: (432) 563-2213

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample Point 1	1C11006-01	Soil	02/26/21 14:05	03-11-2021 16:22
Sample Point 2	1C11006-02	Soil	02/26/21 14:10	03-11-2021 16:22
Sample Point 3	1C11006-03	Soil	02/26/21 14:15	03-11-2021 16:22
Sample Point 4	1C11006-04	Soil	02/26/21 14:20	03-11-2021 16:22
Sample Point 5	1C11006-05	Soil	02/26/21 14:25	03-11-2021 16:22
Sample Point 6	1C11006-06	Soil	02/26/21 14:30	03-11-2021 16:22
Sample Point 7	1C11006-07	Soil	02/26/21 14:35	03-11-2021 16:22
Sample Point 8	1C11006-08	Soil	02/26/21 14:40	03-11-2021 16:22
Sample Point 9	1C11006-09	Soil	02/26/21 14:45	03-11-2021 16:22
BH-10 @ 3"	1C11006-10	Soil	02/26/21 14:50	03-11-2021 16:22
Sample Point 11	1C11006-11	Soil	02/26/21 14:55	03-11-2021 16:22
Sample Point 12	1C11006-12	Soil	02/26/21 15:00	03-11-2021 16:22
Sample Point 13	1C11006-13	Soil	02/26/21 15:05	03-11-2021 16:22
BH-14 @ 3"	1C11006-14	Soil	02/26/21 15:10	03-11-2021 16:22
BH-15 @ 3"	1C11006-15	Soil	02/26/21 15:15	03-11-2021 16:22
BH-16 @ 3"	1C11006-16	Soil	02/26/21 15:20	03-11-2021 16:22
BH-17 @ 1.5'	1C11006-17	Soil	03/02/21 15:25	03-11-2021 16:22
BH-18 @ 3"	1C11006-18	Soil	03/02/21 15:30	03-11-2021 16:22
BH-19 @ 3"	1C11006-19	Soil	03/02/21 15:35	03-11-2021 16:22
BH-20 @ 1'	1C11006-20	Soil	03/02/21 15:40	03-11-2021 16:22
BH-21 @ 1'	1C11006-21	Soil	03/02/21 15:45	03-11-2021 16:22
BH-22 @ 3"	1C11006-22	Soil	03/02/21 15:50	03-11-2021 16:22
BH-23 @ 3"	1C11006-23	Soil	03/02/21 15:50	03-11-2021 16:22
BH-24 @ 3"	1C11006-24	Soil	03/02/21 15:55	03-11-2021 16:22
BH-25 @ 6"	1C11006-25	Soil	03/02/21 16:00	03-11-2021 16:22
NSW-20 @ 1'	1C11006-26	Soil	03/02/21 16:05	03-11-2021 16:22
NSW-21 @ 1'	1C11006-27	Soil	03/02/21 16:10	03-11-2021 16:22
ESW-20 @ 1'	1C11006-28	Soil	03/02/21 16:15	03-11-2021 16:22
ESW-21 @ 1'	1C11006-29	Soil	03/02/21 16:20	03-11-2021 16:22
SSW-20 @ 1'	1C11006-30	Soil	03/02/21 16:25	03-11-2021 16:22
SSW-21 @ 1'	1C11006-31	Soil	03/02/21 16:30	03-11-2021 16:22
WSW-20 @ 1'	1C11006-32	Soil	03/02/21 16:35	03-11-2021 16:22
WSW-21 @ 1'	1C11006-33	Soil	03/02/21 16:40	03-11-2021 16:22
Stockpile	1C11006-34	Soil	03/02/21 14:00	03-11-2021 16:22

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 1

1C11006-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 21:56	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 21:56	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 21:56	EPA 8021B	
Xylene (p/m)	0.00336	0.00202	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 21:56	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 21:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.3 %	80-120		P1C1110	03/11/21 16:54	03/11/21 21:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.7 %	80-120		P1C1110	03/11/21 16:54	03/11/21 21:56	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C1803	03/18/21 11:56	03/19/21 09:06	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 19:41	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 19:41	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 19:41	TPH 8015M	
Surrogate: 1-Chlorooctane		77.6 %	70-130		P1C1212	03/12/21 08:00	03/12/21 19:41	TPH 8015M	
Surrogate: o-Terphenyl		86.3 %	70-130		P1C1212	03/12/21 08:00	03/12/21 19:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 19:41	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 2
1C11006-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00111	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:17	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:17	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:17	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:17	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.3 %	80-120		P1C1110	03/11/21 16:54	03/11/21 22:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.3 %	80-120		P1C1110	03/11/21 16:54	03/11/21 22:17	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	8.97	1.11	mg/kg dry	1	P1C1803	03/18/21 11:56	03/19/21 09:22	EPA 300.0	
% Moisture	10.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	27.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:04	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:04	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:04	TPH 8015M	
Surrogate: 1-Chlorooctane		84.7 %	70-130		P1C1212	03/12/21 08:00	03/12/21 20:04	TPH 8015M	
Surrogate: o-Terphenyl		94.8 %	70-130		P1C1212	03/12/21 08:00	03/12/21 20:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 20:04	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 3
1C11006-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:38	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.8 %	80-120		P1C1110	03/11/21 16:54	03/11/21 22:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.6 %	80-120		P1C1110	03/11/21 16:54	03/11/21 22:38	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1.78	1.00	mg/kg dry	1	P1C1803	03/18/21 11:56	03/19/21 09:38	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:27	TPH 8015M	
>C12-C28	51.2	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:27	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:27	TPH 8015M	
Surrogate: 1-Chlorooctane		85.8 %	70-130		P1C1212	03/12/21 08:00	03/12/21 20:27	TPH 8015M	
Surrogate: o-Terphenyl		95.8 %	70-130		P1C1212	03/12/21 08:00	03/12/21 20:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	51.2	25.0	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 20:27	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 4
1C11006-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:59	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 22:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.1 %	80-120		P1C1110	03/11/21 16:54	03/11/21 22:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.6 %	80-120		P1C1110	03/11/21 16:54	03/11/21 22:59	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.00	mg/kg dry	1	P1C1803	03/18/21 11:56	03/19/21 09:54	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:50	TPH 8015M	
>C12-C28	116	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:50	TPH 8015M	
>C28-C35	33.1	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 20:50	TPH 8015M	
Surrogate: 1-Chlorooctane		86.2 %	70-130		P1C1212	03/12/21 08:00	03/12/21 20:50	TPH 8015M	
Surrogate: o-Terphenyl		96.8 %	70-130		P1C1212	03/12/21 08:00	03/12/21 20:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	149	25.0	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 20:50	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 5
1C11006-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.0 %	80-120		P1C1110	03/11/21 16:54	03/11/21 23:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1C1110	03/11/21 16:54	03/11/21 23:19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.00	mg/kg dry	1	P1C1803	03/18/21 11:56	03/19/21 10:11	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:13	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:13	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:13	TPH 8015M	
Surrogate: 1-Chlorooctane		86.9 %	70-130		P1C1212	03/12/21 08:00	03/12/21 21:13	TPH 8015M	
Surrogate: o-Terphenyl		98.1 %	70-130		P1C1212	03/12/21 08:00	03/12/21 21:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 21:13	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 6
1C11006-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:40	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:40	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:40	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:40	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/11/21 23:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.9 %	80-120		P1C1110	03/11/21 16:54	03/11/21 23:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.9 %	80-120		P1C1110	03/11/21 16:54	03/11/21 23:40	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	5.09	1.02	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 19:22	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:36	TPH 8015M	
>C12-C28	57.8	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:36	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:36	TPH 8015M	
Surrogate: 1-Chlorooctane		100 %	70-130		P1C1212	03/12/21 08:00	03/12/21 21:36	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-130		P1C1212	03/12/21 08:00	03/12/21 21:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	57.8	25.5	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 21:36	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 7
1C11006-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:01	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1110	03/11/21 16:54	03/12/21 00:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1C1110	03/11/21 16:54	03/12/21 00:01	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	3.65	1.00	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 19:42	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:59	TPH 8015M	
>C12-C28	91.8	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:59	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 21:59	TPH 8015M	
Surrogate: 1-Chlorooctane		97.7 %	70-130		P1C1212	03/12/21 08:00	03/12/21 21:59	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-130		P1C1212	03/12/21 08:00	03/12/21 21:59	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	91.8	25.0	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 21:59	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 8
1C11006-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:22	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:22	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:22	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:22	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.7 %	80-120		P1C1110	03/11/21 16:54	03/12/21 00:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.2 %	80-120		P1C1110	03/11/21 16:54	03/12/21 00:22	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7.67	1.03	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 20:01	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 22:22	TPH 8015M	
>C12-C28	48.0	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 22:22	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 22:22	TPH 8015M	
Surrogate: 1-Chlorooctane		88.9 %	70-130		P1C1212	03/12/21 08:00	03/12/21 22:22	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-130		P1C1212	03/12/21 08:00	03/12/21 22:22	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	48.0	25.8	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 22:22	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 9
1C11006-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:43	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:43	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:43	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:43	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 00:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.9 %		80-120	P1C1110	03/11/21 16:54	03/12/21 00:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.7 %		80-120	P1C1110	03/11/21 16:54	03/12/21 00:43	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	5.13	1.02	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 20:21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 22:45	TPH 8015M	
>C12-C28	74.0	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 22:45	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 22:45	TPH 8015M	
Surrogate: 1-Chlorooctane		87.2 %		70-130	P1C1212	03/12/21 08:00	03/12/21 22:45	TPH 8015M	
Surrogate: o-Terphenyl		98.2 %		70-130	P1C1212	03/12/21 08:00	03/12/21 22:45	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	74.0	25.5	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 22:45	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-10 @ 3"
1C11006-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 01:03	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 01:03	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 01:03	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 01:03	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 01:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1C1110	03/11/21 16:54	03/12/21 01:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1110	03/11/21 16:54	03/12/21 01:03	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	265	1.01	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 20:40	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 23:08	TPH 8015M	
>C12-C28	720	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 23:08	TPH 8015M	
>C28-C35	121	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/12/21 23:08	TPH 8015M	
Surrogate: 1-Chlorooctane		96.3 %	70-130		P1C1212	03/12/21 08:00	03/12/21 23:08	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P1C1212	03/12/21 08:00	03/12/21 23:08	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	841	25.3	mg/kg dry	1	[CALC]	03/12/21 08:00	03/12/21 23:08	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 11

1C11006-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:06	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:06	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:06	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:06	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.7 %	80-120		P1C1110	03/11/21 16:54	03/12/21 02:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.1 %	80-120		P1C1110	03/11/21 16:54	03/12/21 02:06	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	3.68	1.03	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 21:39	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 00:18	TPH 8015M	
>C12-C28	108	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 00:18	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 00:18	TPH 8015M	
Surrogate: 1-Chlorooctane		93.8 %	70-130		P1C1212	03/12/21 08:00	03/13/21 00:18	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P1C1212	03/12/21 08:00	03/13/21 00:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	108	25.8	mg/kg dry	1	[CALC]	03/12/21 08:00	03/13/21 00:18	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 12

1C11006-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:27	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P1C1110	03/11/21 16:54	03/12/21 02:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1110	03/11/21 16:54	03/12/21 02:27	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	2.23	1.00	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 22:38	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 00:41	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 00:41	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 00:41	TPH 8015M	
Surrogate: 1-Chlorooctane		91.6 %	70-130		P1C1212	03/12/21 08:00	03/13/21 00:41	TPH 8015M	
Surrogate: o-Terphenyl		104 %	70-130		P1C1212	03/12/21 08:00	03/13/21 00:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/12/21 08:00	03/13/21 00:41	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Sample Point 13

1C11006-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:48	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 02:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.9 %		80-120		P1C1110	03/11/21 16:54	03/12/21 02:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.0 %		80-120		P1C1110	03/11/21 16:54	03/12/21 02:48	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	6.79	1.00	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 22:57	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 01:05	TPH 8015M	
>C12-C28	76.8	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 01:05	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 01:05	TPH 8015M	
Surrogate: 1-Chlorooctane	91.5 %		70-130		P1C1212	03/12/21 08:00	03/13/21 01:05	TPH 8015M	
Surrogate: o-Terphenyl	103 %		70-130		P1C1212	03/12/21 08:00	03/13/21 01:05	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	76.8	25.0	mg/kg dry	1	[CALC]	03/12/21 08:00	03/13/21 01:05	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-14 @ 3"
1C11006-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:09	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C1110	03/11/21 16:54	03/12/21 03:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.9 %	80-120		P1C1110	03/11/21 16:54	03/12/21 03:09	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	150	1.00	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 23:17	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 01:28	TPH 8015M	
>C12-C28	5220	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 01:28	TPH 8015M	
>C28-C35	1010	25.0	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 01:28	TPH 8015M	
Surrogate: 1-Chlorooctane		92.4 %	70-130		P1C1212	03/12/21 08:00	03/13/21 01:28	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P1C1212	03/12/21 08:00	03/13/21 01:28	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	6240	25.0	mg/kg dry	1	[CALC]	03/12/21 08:00	03/13/21 01:28	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-15 @ 3"
1C11006-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:29	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:29	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:29	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:29	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		83.3 %	80-120		P1C1110	03/11/21 16:54	03/12/21 03:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		116 %	80-120		P1C1110	03/11/21 16:54	03/12/21 03:29	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	86.6	1.02	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 23:36	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	255	mg/kg dry	10	P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
>C12-C28	19900	255	mg/kg dry	10	P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
>C28-C35	3660	255	mg/kg dry	10	P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
Surrogate: 1-Chlorooctane		74.2 %	70-130		P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
Surrogate: o-Terphenyl		83.6 %	70-130		P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	23600	255	mg/kg dry	10	[CALC]	03/12/21 08:00	03/15/21 09:31	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-16 @ 3"
1C11006-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:50	EPA 8021B	
Toluene	0.00120	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:50	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1110	03/11/21 16:54	03/12/21 03:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P1C1110	03/11/21 16:54	03/12/21 03:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		79.4 %	80-120		P1C1110	03/11/21 16:54	03/12/21 03:50	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	67.2	1.00	mg/kg dry	1	P1C1804	03/18/21 11:54	03/18/21 23:56	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	250	mg/kg dry	10	P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
>C12-C28	18600	250	mg/kg dry	10	P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
>C28-C35	2670	250	mg/kg dry	10	P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
Surrogate: 1-Chlorooctane		95.3 %	70-130		P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-130		P1C1212	03/12/21 08:00	03/15/21 09:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	21300	250	mg/kg dry	10	[CALC]	03/12/21 08:00	03/15/21 09:31	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-17 @ 1.5'
1C11006-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 19:58	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 19:58	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 19:58	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 19:58	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 19:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.4 %	80-120		P1C1513	03/15/21 16:08	03/16/21 19:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		36.8 %	80-120		P1C1513	03/15/21 16:08	03/16/21 19:58	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	18.0	1.03	mg/kg dry	1	P1C1804	03/18/21 11:54	03/19/21 00:15	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 02:38	TPH 8015M	
>C12-C28	364	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 02:38	TPH 8015M	
>C28-C35	92.3	25.8	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 02:38	TPH 8015M	
Surrogate: 1-Chlorooctane		99.4 %	70-130		P1C1212	03/12/21 08:00	03/13/21 02:38	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P1C1212	03/12/21 08:00	03/13/21 02:38	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	456	25.8	mg/kg dry	1	[CALC]	03/12/21 08:00	03/13/21 02:38	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-18 @ 3"
1C11006-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		84.1 %	80-120		P1C1513	03/15/21 16:08	03/16/21 20:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		37.7 %	80-120		P1C1513	03/15/21 16:08	03/16/21 20:19	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	94.9	1.02	mg/kg dry	1	P1C1804	03/18/21 11:54	03/19/21 00:35	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	29.8	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:02	TPH 8015M	
>C12-C28	829	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:02	TPH 8015M	
>C28-C35	130	25.5	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:02	TPH 8015M	
Surrogate: 1-Chlorooctane		97.3 %	70-130		P1C1212	03/12/21 08:00	03/13/21 03:02	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P1C1212	03/12/21 08:00	03/13/21 03:02	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	989	25.5	mg/kg dry	1	[CALC]	03/12/21 08:00	03/13/21 03:02	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-19 @ 3"
1C11006-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:17	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:17	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:17	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:17	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		56.1 %	80-120		P1C1512	03/15/21 16:01	03/16/21 13:17	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1C1512	03/15/21 16:01	03/16/21 13:17	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	60.5	1.01	mg/kg dry	1	P1C1804	03/18/21 11:54	03/19/21 00:54	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:25	TPH 8015M	
>C12-C28	395	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:25	TPH 8015M	
>C28-C35	71.7	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:25	TPH 8015M	
Surrogate: 1-Chlorooctane		96.6 %	70-130		P1C1212	03/12/21 08:00	03/13/21 03:25	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P1C1212	03/12/21 08:00	03/13/21 03:25	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	467	25.3	mg/kg dry	1	[CALC]	03/12/21 08:00	03/13/21 03:25	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-20 @ 1'
1C11006-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:38	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:38	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:38	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:38	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	51.1 %		80-120		P1C1512	03/15/21 16:01	03/16/21 13:38	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	98.5 %		80-120		P1C1512	03/15/21 16:01	03/16/21 13:38	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	5.22	1.01	mg/kg dry	1	P1C1804	03/18/21 11:54	03/19/21 01:14	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:48	TPH 8015M	
>C12-C28	69.0	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:48	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1212	03/12/21 08:00	03/13/21 03:48	TPH 8015M	
Surrogate: 1-Chlorooctane	90.3 %		70-130		P1C1212	03/12/21 08:00	03/13/21 03:48	TPH 8015M	
Surrogate: o-Terphenyl	102 %		70-130		P1C1212	03/12/21 08:00	03/13/21 03:48	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	69.0	25.3	mg/kg dry	1	[CALC]	03/12/21 08:00	03/13/21 03:48	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-21 @ 1'
1C11006-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00110	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:59	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:59	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:59	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:59	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 13:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		47.4 %	80-120		P1C1512	03/15/21 16:01	03/16/21 13:59	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		96.3 %	80-120		P1C1512	03/15/21 16:01	03/16/21 13:59	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.10	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 12:28	EPA 300.0	
% Moisture	9.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	27.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 19:38	TPH 8015M	
>C12-C28	70.4	27.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 19:38	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 19:38	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P1C1504	03/15/21 11:54	03/15/21 19:38	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-130		P1C1504	03/15/21 11:54	03/15/21 19:38	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	70.4	27.5	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 19:38	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-22 @ 3"
1C11006-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 14:42	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 14:42	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 14:42	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 14:42	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1512	03/15/21 16:01	03/16/21 14:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		55.4 %	80-120		P1C1512	03/15/21 16:01	03/16/21 14:42	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C1512	03/15/21 16:01	03/16/21 14:42	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	9.84	1.04	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 13:17	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 20:01	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 20:01	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 20:01	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P1C1504	03/15/21 11:54	03/15/21 20:01	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1C1504	03/15/21 11:54	03/15/21 20:01	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 20:01	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-23 @ 3"
1C11006-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:40	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:40	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:40	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:40	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 20:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.2 %	80-120		P1C1513	03/15/21 16:08	03/16/21 20:40	EPA 8021B		
Surrogate: 4-Bromofluorobenzene	41.2 %	80-120		P1C1513	03/15/21 16:08	03/16/21 20:40	EPA 8021B		S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	106	1.04	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 13:33	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	130	mg/kg dry	5	P1C1504	03/15/21 11:54	03/16/21 11:07	TPH 8015M	
>C12-C28	8180	130	mg/kg dry	5	P1C1504	03/15/21 11:54	03/16/21 11:07	TPH 8015M	
>C28-C35	1620	130	mg/kg dry	5	P1C1504	03/15/21 11:54	03/16/21 11:07	TPH 8015M	
Surrogate: 1-Chlorooctane	117 %	70-130		P1C1504	03/15/21 11:54	03/16/21 11:07	TPH 8015M		
Surrogate: o-Terphenyl	129 %	70-130		P1C1504	03/15/21 11:54	03/16/21 11:07	TPH 8015M		
Total Petroleum Hydrocarbon C6-C35	9800	130	mg/kg dry	5	[CALC]	03/15/21 11:54	03/16/21 11:07	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-24 @ 3"
1C11006-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:01	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:01	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:01	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:01	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		84.5 %	80-120		P1C1513	03/15/21 16:08	03/16/21 21:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		40.6 %	80-120		P1C1513	03/15/21 16:08	03/16/21 21:01	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.04	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 13:49	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 20:46	TPH 8015M	
>C12-C28	458	26.0	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 20:46	TPH 8015M	
>C28-C35	153	26.0	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 20:46	TPH 8015M	
Surrogate: 1-Chlorooctane		122 %	70-130		P1C1504	03/15/21 11:54	03/15/21 20:46	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P1C1504	03/15/21 11:54	03/15/21 20:46	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	612	26.0	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 20:46	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

BH-25 @ 6"
1C11006-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:21	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:21	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:21	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:21	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	87.7 %		80-120		P1C1513	03/15/21 16:08	03/16/21 21:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	34.2 %		80-120		P1C1513	03/15/21 16:08	03/16/21 21:21	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	530	1.03	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 14:06	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:09	TPH 8015M	
>C12-C28	230	25.8	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:09	TPH 8015M	
>C28-C35	54.5	25.8	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:09	TPH 8015M	
Surrogate: 1-Chlorooctane	115 %		70-130		P1C1504	03/15/21 11:54	03/15/21 21:09	TPH 8015M	
Surrogate: o-Terphenyl	122 %		70-130		P1C1504	03/15/21 11:54	03/15/21 21:09	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	285	25.8	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 21:09	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

NSW-20 @ 1'
1C11006-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00106	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:42	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:42	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:42	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:42	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 21:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		33.2 %	80-120		P1C1513	03/15/21 16:08	03/16/21 21:42	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		85.0 %	80-120		P1C1513	03/15/21 16:08	03/16/21 21:42	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.67	1.06	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 14:22	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:33	TPH 8015M	
>C12-C28	27.6	26.6	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:33	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:33	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1C1504	03/15/21 11:54	03/15/21 21:33	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-130		P1C1504	03/15/21 11:54	03/15/21 21:33	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	27.6	26.6	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 21:33	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

NSW-21 @ 1'
1C11006-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 22:44	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 22:44	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 22:44	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 22:44	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 22:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		33.2 %	80-120		P1C1513	03/15/21 16:08	03/16/21 22:44	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		85.8 %	80-120		P1C1513	03/15/21 16:08	03/16/21 22:44	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 14:38	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:56	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:56	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 21:56	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P1C1504	03/15/21 11:54	03/15/21 21:56	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-130		P1C1504	03/15/21 11:54	03/15/21 21:56	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 21:56	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

ESW-20 @ 1'
1C11006-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:05	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:05	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:05	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:05	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		31.7 %	80-120		P1C1513	03/15/21 16:08	03/16/21 23:05	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		87.3 %	80-120		P1C1513	03/15/21 16:08	03/16/21 23:05	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 14:55	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 22:19	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 22:19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 22:19	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P1C1504	03/15/21 11:54	03/15/21 22:19	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1C1504	03/15/21 11:54	03/15/21 22:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 22:19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

ESW-21 @ 1'
1C11006-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:26	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:26	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:26	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:26	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		34.6 %	80-120		P1C1513	03/15/21 16:08	03/16/21 23:26	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		94.9 %	80-120		P1C1513	03/15/21 16:08	03/16/21 23:26	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 15:11	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 22:43	TPH 8015M	
>C12-C28	78.3	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 22:43	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 22:43	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1C1504	03/15/21 11:54	03/15/21 22:43	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-130		P1C1504	03/15/21 11:54	03/15/21 22:43	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	78.3	25.3	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 22:43	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

SSW-20 @ 1'
1C11006-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:47	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:47	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:47	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:47	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/16/21 23:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.5 %	80-120		P1C1513	03/15/21 16:08	03/16/21 23:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		35.1 %	80-120		P1C1513	03/15/21 16:08	03/16/21 23:47	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 15:27	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 23:06	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 23:06	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1504	03/15/21 11:54	03/15/21 23:06	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P1C1504	03/15/21 11:54	03/15/21 23:06	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1C1504	03/15/21 11:54	03/15/21 23:06	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/15/21 11:54	03/15/21 23:06	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

SSW-21 @ 1'
1C11006-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:08	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:08	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:08	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:08	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.5 %	80-120		P1C1513	03/15/21 16:08	03/17/21 00:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		33.9 %	80-120		P1C1513	03/15/21 16:08	03/17/21 00:08	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.02	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 16:16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 00:16	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 00:16	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 00:16	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P1C1504	03/15/21 11:54	03/16/21 00:16	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-130		P1C1504	03/15/21 11:54	03/16/21 00:16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/15/21 11:54	03/16/21 00:16	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

WSW-20 @ 1'
1C11006-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:29	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:29	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:29	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:29	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		31.3 %	80-120		P1C1513	03/15/21 16:08	03/17/21 00:29	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		89.3 %	80-120		P1C1513	03/15/21 16:08	03/17/21 00:29	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	3.39	1.02	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 17:05	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 00:40	TPH 8015M	
>C12-C28	93.4	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 00:40	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 00:40	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P1C1504	03/15/21 11:54	03/16/21 00:40	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-130		P1C1504	03/15/21 11:54	03/16/21 00:40	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	93.4	25.5	mg/kg dry	1	[CALC]	03/15/21 11:54	03/16/21 00:40	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

WSW-21 @ 1'
1C11006-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:49	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:49	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:49	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:49	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 00:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		32.2 %	80-120		P1C1513	03/15/21 16:08	03/17/21 00:49	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		94.4 %	80-120		P1C1513	03/15/21 16:08	03/17/21 00:49	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.02	mg/kg dry	1	P1C1901	03/19/21 08:35	03/19/21 17:21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 01:03	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 01:03	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1504	03/15/21 11:54	03/16/21 01:03	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P1C1504	03/15/21 11:54	03/16/21 01:03	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1C1504	03/15/21 11:54	03/16/21 01:03	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/15/21 11:54	03/16/21 01:03	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Stockpile
1C11006-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 01:10	EPA 8021B	
Toluene	0.00968	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 01:10	EPA 8021B	
Ethylbenzene	0.0142	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 01:10	EPA 8021B	
Xylene (p/m)	0.297	0.00202	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 01:10	EPA 8021B	
Xylene (o)	0.0868	0.00101	mg/kg dry	1	P1C1513	03/15/21 16:08	03/17/21 01:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	66.4 %		80-120		P1C1513	03/15/21 16:08	03/17/21 01:10	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	95.4 %		80-120		P1C1513	03/15/21 16:08	03/17/21 01:10	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	66.1	10.1	mg/kg dry	10	P1C1901	03/19/21 08:35	03/19/21 17:38	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1214	03/12/21 20:44	03/14/21 09:18	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	614	126	mg/kg dry	5	P1C1504	03/15/21 11:54	03/16/21 11:30	TPH 8015M	
>C12-C28	6650	126	mg/kg dry	5	P1C1504	03/15/21 11:54	03/16/21 11:30	TPH 8015M	
>C28-C35	1140	126	mg/kg dry	5	P1C1504	03/15/21 11:54	03/16/21 11:30	TPH 8015M	
Surrogate: 1-Chlorooctane	116 %		70-130		P1C1504	03/15/21 11:54	03/16/21 11:30	TPH 8015M	
Surrogate: o-Terphenyl	125 %		70-130		P1C1504	03/15/21 11:54	03/16/21 11:30	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	8400	126	mg/kg dry	5	[CALC]	03/15/21 11:54	03/16/21 11:30	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch P1C1110 - * DEFAULT PREP *****

Blank (P1C1110-BLK1)

Prepared & Analyzed: 03/11/21

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

LCS (P1C1110-BS1)

Prepared & Analyzed: 03/11/21

Benzene	0.0807	0.00100	mg/kg wet	0.100		80.7	70-130			
Toluene	0.0948	0.00100	"	0.100		94.8	70-130			
Ethylbenzene	0.107	0.00100	"	0.100		107	70-130			
Xylene (p/m)	0.219	0.00200	"	0.200		109	70-130			
Xylene (o)	0.108	0.00100	"	0.100		108	70-130			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.9	80-120			

LCS Dup (P1C1110-BSD1)

Prepared & Analyzed: 03/11/21

Benzene	0.0801	0.00100	mg/kg wet	0.100		80.1	70-130	0.833	20	
Toluene	0.0929	0.00100	"	0.100		92.9	70-130	2.09	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	70-130	2.12	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	70-130	0.820	20	
Xylene (o)	0.109	0.00100	"	0.100		109	70-130	1.26	20	
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.8	80-120			

Calibration Check (P1C1110-CCV1)

Prepared & Analyzed: 03/11/21

Benzene	0.0828	0.00100	mg/kg wet	0.100		82.8	80-120			
Toluene	0.0948	0.00100	"	0.100		94.8	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.6	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch PIC1110 - * DEFAULT PREP *****

Calibration Check (PIC1110-CCV2)

Prepared: 03/11/21 Analyzed: 03/12/21

Benzene	0.0824	0.00100	mg/kg wet	0.100		82.4	80-120			
Toluene	0.0962	0.00100	"	0.100		96.2	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	75-125			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.9	75-125			

Calibration Check (PIC1110-CCV3)

Prepared: 03/11/21 Analyzed: 03/12/21

Benzene	0.0802	0.00100	mg/kg wet	0.100		80.2	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		110	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.7	75-125			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	75-125			

Matrix Spike (PIC1110-MS1)

Source: 1C11006-01

Prepared: 03/11/21 Analyzed: 03/12/21

Benzene	0.0735	0.00101	mg/kg dry	0.101	ND	72.8	80-120			QM-07
Toluene	0.0904	0.00101	"	0.101	0.000859	88.6	80-120			
Ethylbenzene	0.115	0.00101	"	0.101	0.000616	113	80-120			
Xylene (p/m)	0.197	0.00202	"	0.202	0.00336	95.7	80-120			
Xylene (o)	0.131	0.00101	"	0.101	0.000687	129	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.140		"	0.121		115	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.121		98.0	80-120			

Matrix Spike Dup (PIC1110-MSD1)

Source: 1C11006-01

Prepared: 03/11/21 Analyzed: 03/12/21

Benzene	0.0738	0.00101	mg/kg dry	0.101	ND	73.1	80-120	0.370	20	QM-07
Toluene	0.0910	0.00101	"	0.101	0.000859	89.3	80-120	0.731	20	
Ethylbenzene	0.115	0.00101	"	0.101	0.000616	113	80-120	0.362	20	
Xylene (p/m)	0.192	0.00202	"	0.202	0.00336	93.4	80-120	2.37	20	
Xylene (o)	0.107	0.00101	"	0.101	0.000687	105	80-120	20.3	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.109		"	0.121		90.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.121		98.2	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch PIC1512 - * DEFAULT PREP *****

Blank (PIC1512-BLK1)

Prepared: 03/15/21 Analyzed: 03/16/21

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	0.102		"	0.120		85.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.0610		"	0.120		50.8	80-120			S-GC

LCS (PIC1512-BS1)

Prepared: 03/15/21 Analyzed: 03/16/21

Benzene	0.120	0.00100	mg/kg wet	0.100		120	70-130			
Toluene	0.0878	0.00100	"	0.100		87.8	70-130			
Ethylbenzene	0.0809	0.00100	"	0.100		80.9	70-130			
Xylene (p/m)	0.164	0.00200	"	0.200		81.9	70-130			
Xylene (o)	0.0819	0.00100	"	0.100		81.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.0701		"	0.120		58.4	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.136		"	0.120		113	80-120			

LCS Dup (PIC1512-BS1)

Prepared: 03/15/21 Analyzed: 03/16/21

Benzene	0.114	0.00100	mg/kg wet	0.100		114	70-130	5.16	20	
Toluene	0.0826	0.00100	"	0.100		82.6	70-130	6.08	20	
Ethylbenzene	0.0810	0.00100	"	0.100		81.0	70-130	0.161	20	
Xylene (p/m)	0.163	0.00200	"	0.200		81.5	70-130	0.502	20	
Xylene (o)	0.0821	0.00100	"	0.100		82.1	70-130	0.207	20	
Surrogate: 1,4-Difluorobenzene	0.134		"	0.120		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.0692		"	0.120		57.6	80-120			S-GC

Calibration Check (PIC1512-CCV1)

Prepared: 03/15/21 Analyzed: 03/16/21

Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.0858	0.00100	"	0.100		85.8	80-120			
Ethylbenzene	0.0819	0.00100	"	0.100		81.9	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.0	80-120			
Xylene (o)	0.0810	0.00100	"	0.100		81.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.131		"	0.120		109	75-125			
Surrogate: 4-Bromofluorobenzene	0.0731		"	0.120		60.9	75-125			S-GC

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765

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Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch PIC1512 - * DEFAULT PREP *****

Calibration Check (PIC1512-CCV2)				Prepared: 03/15/21		Analyzed: 03/16/21				
Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120			
Toluene	0.0834	0.00100	"	0.100		83.4	80-120			
Ethylbenzene	0.0822	0.00100	"	0.100		82.2	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.1	80-120			
Xylene (o)	0.0849	0.00100	"	0.100		84.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.0560		"	0.120		46.7	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	75-125			

Calibration Check (PIC1512-CCV3)				Prepared: 03/15/21		Analyzed: 03/16/21				
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0899	0.00100	"	0.100		89.9	80-120			
Ethylbenzene	0.0826	0.00100	"	0.100		82.6	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		87.1	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.1	75-125			
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.120		34.8	75-125			S-GC

Matrix Spike (PIC1512-MS1)				Source: 1C09014-29		Prepared: 03/15/21		Analyzed: 03/16/21			
Benzene	0.0919	0.00102	mg/kg dry	0.102	ND	90.1	80-120				
Toluene	0.0727	0.00102	"	0.102	ND	71.3	80-120				QM-07
Ethylbenzene	0.0507	0.00102	"	0.102	ND	49.7	80-120				QM-07
Xylene (p/m)	0.0828	0.00204	"	0.204	ND	40.6	80-120				QM-07
Xylene (o)	0.0387	0.00102	"	0.102	ND	37.9	80-120				QM-07
Surrogate: 1,4-Difluorobenzene	0.131		"	0.122		107	80-120				
Surrogate: 4-Bromofluorobenzene	0.0629		"	0.122		51.4	80-120				S-GC

Matrix Spike Dup (PIC1512-MSD1)				Source: 1C09014-29		Prepared: 03/15/21		Analyzed: 03/16/21			
Benzene	0.0929	0.00102	mg/kg dry	0.102	ND	91.1	80-120	1.13	20		
Toluene	0.0752	0.00102	"	0.102	ND	73.7	80-120	3.31	20		QM-07
Ethylbenzene	0.0497	0.00102	"	0.102	ND	48.7	80-120	1.93	20		QM-07
Xylene (p/m)	0.0752	0.00204	"	0.204	ND	36.9	80-120	9.64	20		QM-07
Xylene (o)	0.0348	0.00102	"	0.102	ND	34.1	80-120	10.6	20		QM-07
Surrogate: 4-Bromofluorobenzene	0.0643		"	0.122		52.5	80-120				S-GC
Surrogate: 1,4-Difluorobenzene	0.133		"	0.122		108	80-120				

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch PIC1513 - * DEFAULT PREP *****

Blank (PIC1513-BLK1)

Prepared: 03/15/21 Analyzed: 03/16/21

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0338		"	0.120		28.2	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.100		"	0.120		83.7	80-120			

LCS (PIC1513-BS1)

Prepared: 03/15/21 Analyzed: 03/16/21

Benzene	0.109	0.00100	mg/kg wet	0.100		109	70-130			
Toluene	0.0813	0.00100	"	0.100		81.3	70-130			
Ethylbenzene	0.0804	0.00100	"	0.100		80.4	70-130			
Xylene (p/m)	0.165	0.00200	"	0.200		82.7	70-130			
Xylene (o)	0.0825	0.00100	"	0.100		82.5	70-130			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.0462		"	0.120		38.5	80-120			S-GC

LCS Dup (PIC1513-BSD1)

Prepared: 03/15/21 Analyzed: 03/16/21

Benzene	0.103	0.00100	mg/kg wet	0.100		103	70-130	5.91	20	
Toluene	0.0833	0.00100	"	0.100		83.3	70-130	2.44	20	
Ethylbenzene	0.0811	0.00100	"	0.100		81.1	70-130	0.817	20	
Xylene (p/m)	0.165	0.00200	"	0.200		82.3	70-130	0.497	20	
Xylene (o)	0.0838	0.00100	"	0.100		83.8	70-130	1.60	20	
Surrogate: 4-Bromofluorobenzene	0.0485		"	0.120		40.4	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (PIC1513-CCV1)

Prepared: 03/15/21 Analyzed: 03/16/21

Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120			
Toluene	0.0827	0.00100	"	0.100		82.7	80-120			
Ethylbenzene	0.0924	0.00100	"	0.100		92.4	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.1	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	75-125			
Surrogate: 4-Bromofluorobenzene	0.0463		"	0.120		38.6	75-125			S-GC

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Project Number: 13389
Project Manager: Matt Green

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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
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Batch PIC1513 - * DEFAULT PREP *****

Calibration Check (PIC1513-CCV2)				Prepared: 03/15/21		Analyzed: 03/16/21				
Benzene	0.107	0.00100	mg/kg wet	0.100		107	80-120			
Toluene	0.0820	0.00100	"	0.100		82.0	80-120			
Ethylbenzene	0.0864	0.00100	"	0.100		86.4	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.4	80-120			
Xylene (o)	0.0881	0.00100	"	0.100		88.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.0412		"	0.120		34.4	75-125			S-GC

Calibration Check (PIC1513-CCV3)				Prepared: 03/15/21		Analyzed: 03/17/21				
Benzene	0.0963	0.00100	mg/kg wet	0.100		96.3	80-120			
Toluene	0.0811	0.00100	"	0.100		81.1	80-120			
Ethylbenzene	0.0828	0.00100	"	0.100		82.8	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.1	80-120			
Xylene (o)	0.0817	0.00100	"	0.100		81.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.0555		"	0.120		46.3	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.138		"	0.120		115	75-125			

Matrix Spike (PIC1513-MS1)				Source: 1C11006-23		Prepared: 03/15/21		Analyzed: 03/17/21			
Benzene	0.0599	0.00104	mg/kg dry	0.104	ND	57.5	80-120			QM-07	
Toluene	0.0228	0.00104	"	0.104	ND	21.9	80-120			QM-07	
Ethylbenzene	0.0133	0.00104	"	0.104	ND	12.8	80-120			QM-07	
Xylene (p/m)	0.0191	0.00208	"	0.208	ND	9.18	80-120			QM-07	
Xylene (o)	0.00882	0.00104	"	0.104	ND	8.47	80-120			QM-07	
Surrogate: 1,4-Difluorobenzene	0.122		"	0.125		97.8	80-120				
Surrogate: 4-Bromofluorobenzene	0.0509		"	0.125		40.7	80-120			S-GC	

Matrix Spike Dup (PIC1513-MSD1)				Source: 1C11006-23		Prepared: 03/15/21		Analyzed: 03/17/21			
Benzene	0.0653	0.00104	mg/kg dry	0.104	ND	62.7	80-120	8.67	20	QM-07	
Toluene	0.0273	0.00104	"	0.104	ND	26.2	80-120	18.1	20	QM-07	
Ethylbenzene	0.0144	0.00104	"	0.104	ND	13.8	80-120	7.66	20	QM-07	
Xylene (p/m)	0.0207	0.00208	"	0.208	ND	9.92	80-120	7.75	20	QM-07	
Xylene (o)	0.00984	0.00104	"	0.104	ND	9.45	80-120	10.9	20	QM-07	
Surrogate: 1,4-Difluorobenzene	0.123		"	0.125		98.6	80-120				
Surrogate: 4-Bromofluorobenzene	0.0501		"	0.125		40.1	80-120			S-GC	

Permian Basin Environmental Lab, L.P.

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Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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 P1C1214 - *** DEFAULT PREP ***										
Blank (P1C1214-BLK1)										
					Prepared: 03/12/21 Analyzed: 03/14/21					
% Moisture	ND	0.1	%							
Batch P1C1803 - *** DEFAULT PREP ***										
Blank (P1C1803-BLK1)										
					Prepared: 03/18/21 Analyzed: 03/19/21					
Chloride	ND	1.00	mg/kg wet							
LCS (P1C1803-BS1)										
					Prepared: 03/18/21 Analyzed: 03/19/21					
Chloride	419	1.00	mg/kg wet	400		105	90-110			
LCS Dup (P1C1803-BSD1)										
					Prepared: 03/18/21 Analyzed: 03/19/21					
Chloride	401	1.00	mg/kg wet	400		100	90-110	4.23	20	
Calibration Check (P1C1803-CCV1)										
					Prepared: 03/18/21 Analyzed: 03/19/21					
Chloride	18.7		mg/kg	20.0		93.5	90-110			
Calibration Check (P1C1803-CCV2)										
					Prepared: 03/18/21 Analyzed: 03/19/21					
Chloride	18.8		mg/kg	20.0		94.1	90-110			
Calibration Check (P1C1803-CCV3)										
					Prepared: 03/18/21 Analyzed: 03/19/21					
Chloride	18.8		mg/kg	20.0		93.9	90-110			
Matrix Spike (P1C1803-MS1)										
			Source: 1C10013-26		Prepared: 03/18/21 Analyzed: 03/19/21					
Chloride	1380	1.11	mg/kg dry	556	779	108	80-120			
Matrix Spike (P1C1803-MS2)										
			Source: 1C11005-05		Prepared: 03/18/21 Analyzed: 03/19/21					
Chloride	2070	5.56	mg/kg dry	556	1510	100	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch P1C1803 - * DEFAULT PREP *****

Matrix Spike Dup (P1C1803-MSD1)		Source: 1C10013-26		Prepared: 03/18/21		Analyzed: 03/19/21				
Chloride	1290	1.11	mg/kg dry	556	779	92.2	80-120	6.62	20	
Matrix Spike Dup (P1C1803-MSD2)		Source: 1C11005-05		Prepared: 03/18/21		Analyzed: 03/19/21				
Chloride	2070	5.56	mg/kg dry	556	1510	100	80-120	0.0376	20	

Batch P1C1804 - * DEFAULT PREP *****

Blank (P1C1804-BLK1)		Prepared & Analyzed: 03/18/21								
Chloride	ND	1.00	mg/kg wet							
LCS (P1C1804-BS1)		Prepared & Analyzed: 03/18/21								
Chloride	413	1.00	mg/kg wet	400		103	90-110			
LCS Dup (P1C1804-BSD1)		Prepared & Analyzed: 03/18/21								
Chloride	416	1.00	mg/kg wet	400		104	90-110	0.708	20	
Calibration Check (P1C1804-CCV1)		Prepared & Analyzed: 03/18/21								
Chloride	20.2		mg/kg	20.0		101	90-110			
Calibration Check (P1C1804-CCV2)		Prepared & Analyzed: 03/18/21								
Chloride	20.2		mg/kg	20.0		101	90-110			
Calibration Check (P1C1804-CCV3)		Prepared: 03/18/21 Analyzed: 03/19/21								
Chloride	20.3		mg/kg	20.0		102	90-110			
Matrix Spike (P1C1804-MS1)		Source: 1C18005-01		Prepared & Analyzed: 03/18/21						
Chloride	492	1.00	mg/kg wet	500	7.96	96.9	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch P1C1804 - * DEFAULT PREP *****

Matrix Spike (P1C1804-MS2)		Source: 1C11006-11		Prepared & Analyzed: 03/18/21						
Chloride	494	1.03	mg/kg dry	515	3.68	95.0	80-120			
Matrix Spike Dup (P1C1804-MSD1)		Source: 1C18005-01		Prepared & Analyzed: 03/18/21						
Chloride	483	1.00	mg/kg wet	500	7.96	95.0	80-120	1.86	20	
Matrix Spike Dup (P1C1804-MSD2)		Source: 1C11006-11		Prepared & Analyzed: 03/18/21						
Chloride	501	1.03	mg/kg dry	515	3.68	96.5	80-120	1.47	20	

Batch P1C1901 - * DEFAULT PREP *****

Blank (P1C1901-BLK1)		Prepared & Analyzed: 03/19/21								
Chloride	ND	1.00	mg/kg wet							
LCS (P1C1901-BS1)		Prepared & Analyzed: 03/19/21								
Chloride	388	1.00	mg/kg wet	400		97.0	90-110			
LCS Dup (P1C1901-BSD1)		Prepared & Analyzed: 03/19/21								
Chloride	389	1.00	mg/kg wet	400		97.3	90-110	0.371	20	
Calibration Check (P1C1901-CCV1)		Prepared & Analyzed: 03/19/21								
Chloride	18.7		mg/kg	20.0		93.6	90-110			
Calibration Check (P1C1901-CCV2)		Prepared & Analyzed: 03/19/21								
Chloride	18.8		mg/kg	20.0		94.0	90-110			
Calibration Check (P1C1901-CCV3)		Prepared & Analyzed: 03/19/21								
Chloride	18.9		mg/kg	20.0		94.6	90-110			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch P1C1901 - * DEFAULT PREP *****

Matrix Spike (P1C1901-MS1)		Source: 1C11006-21		Prepared & Analyzed: 03/19/21						
Chloride	490	1.10	mg/kg dry	549	ND	89.2	80-120			
Matrix Spike (P1C1901-MS2)		Source: 1C11006-31		Prepared & Analyzed: 03/19/21						
Chloride	449	1.02	mg/kg dry	510	ND	87.9	80-120			
Matrix Spike Dup (P1C1901-MSD1)		Source: 1C11006-21		Prepared & Analyzed: 03/19/21						
Chloride	519	1.10	mg/kg dry	549	ND	94.5	80-120	5.75	20	
Matrix Spike Dup (P1C1901-MSD2)		Source: 1C11006-31		Prepared & Analyzed: 03/19/21						
Chloride	457	1.02	mg/kg dry	510	ND	89.6	80-120	1.93	20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 47 of 56

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch P1C1212 - TX 1005

Blank (P1C1212-BLK1)

Prepared & Analyzed: 03/12/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	150		"	160		93.7	70-130			
Surrogate: o-Terphenyl	83.1		"	80.0		104	70-130			

LCS (P1C1212-BS1)

Prepared & Analyzed: 03/12/21

C6-C12	1220	25.0	mg/kg wet	1100		111	75-125			
>C12-C28	1150	25.0	"	1100		104	75-125			
Surrogate: 1-Chlorooctane	145		"	160		90.8	70-130			
Surrogate: o-Terphenyl	73.2		"	80.0		91.5	70-130			

LCS Dup (P1C1212-BS1)

Prepared & Analyzed: 03/12/21

C6-C12	1290	25.0	mg/kg wet	1100		117	75-125	5.40	20	
>C12-C28	1190	25.0	"	1100		109	75-125	3.88	20	
Surrogate: 1-Chlorooctane	148		"	160		92.7	70-130			
Surrogate: o-Terphenyl	82.2		"	80.0		103	70-130			

Calibration Check (P1C1212-CCV1)

Prepared & Analyzed: 03/12/21

C6-C12	561	25.0	mg/kg wet	600		93.6	85-115			
>C12-C28	673	25.0	"	600		112	85-115			
Surrogate: 1-Chlorooctane	145		"	160		90.8	70-130			
Surrogate: o-Terphenyl	79.8		"	80.0		99.8	70-130			

Calibration Check (P1C1212-CCV2)

Prepared & Analyzed: 03/12/21

C6-C12	630	25.0	mg/kg wet	600		105	85-115			
>C12-C28	666	25.0	"	600		111	85-115			
Surrogate: 1-Chlorooctane	146		"	160		91.2	70-130			
Surrogate: o-Terphenyl	82.2		"	80.0		103	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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
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Batch P1C1212 - TX 1005

Duplicate (P1C1212-DUP1)		Source: 1C11006-20			Prepared: 03/12/21		Analyzed: 03/13/21			
C6-C12	10.8	25.3	mg/kg dry		ND				20	
>C12-C28	51.2	25.3	"		69.0			29.7	20	
Surrogate: 1-Chlorooctane	148		"	162		91.8	70-130			
Surrogate: o-Terphenyl	84.4		"	80.8		104	70-130			

Batch P1C1504 - TX 1005

Blank (P1C1504-BLK1)		Prepared & Analyzed: 03/15/21								
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	59.0		"	50.0		118	70-130			

LCS (P1C1504-BS1)		Prepared & Analyzed: 03/15/21								
C6-C12	1100	25.0	mg/kg wet	1000		110	75-125			
>C12-C28	1070	25.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	115		"	100		115	70-130			
Surrogate: o-Terphenyl	63.8		"	50.0		128	70-130			

LCS Dup (P1C1504-BSD1)		Prepared & Analyzed: 03/15/21								
C6-C12	1100	25.0	mg/kg wet	1000		110	75-125	0.174	20	
>C12-C28	1060	25.0	"	1000		106	75-125	0.564	20	
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	60.8		"	50.0		122	70-130			

Calibration Check (P1C1504-CCV1)		Prepared & Analyzed: 03/15/21								
C6-C12	503	25.0	mg/kg wet	500		101	85-115			
>C12-C28	549	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	126		"	100		126	70-130			
Surrogate: o-Terphenyl	57.2		"	50.0		114	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

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 P1C1504 - TX 1005

Calibration Check (P1C1504-CCV2)

Prepared & Analyzed: 03/15/21

C6-C12	500	25.0	mg/kg wet	500		100	85-115			
>C12-C28	556	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	57.0		"	50.0		114	70-130			

Calibration Check (P1C1504-CCV3)

Prepared: 03/15/21 Analyzed: 03/16/21

C6-C12	482	25.0	mg/kg wet	500		96.5	85-115			
>C12-C28	541	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	121		"	100		121	70-130			
Surrogate: o-Terphenyl	55.0		"	50.0		110	70-130			

Matrix Spike (P1C1504-MS1)

Source: 1C12001-06

Prepared: 03/15/21 Analyzed: 03/16/21

C6-C12	1100	26.3	mg/kg dry	1050	ND	104	75-125			
>C12-C28	1070	26.3	"	1050	ND	102	75-125			
Surrogate: 1-Chlorooctane	113		"	105		108	70-130			
Surrogate: o-Terphenyl	64.5		"	52.6		122	70-130			

Matrix Spike Dup (P1C1504-MSD1)

Source: 1C12001-06

Prepared: 03/15/21 Analyzed: 03/16/21

C6-C12	1040	26.3	mg/kg dry	1050	ND	98.9	75-125	5.17	20	
>C12-C28	993	26.3	"	1050	ND	94.4	75-125	7.75	20	
Surrogate: 1-Chlorooctane	105		"	105		99.5	70-130			
Surrogate: o-Terphenyl	60.4		"	52.6		115	70-130			

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Fax: (432) 563-2213

Notes and Definitions

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

ROI Received on Ice

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

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

3/23/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

1044

Project Manager: Matt Green

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432)230-3763

Sampler Signature: *Matt Green*

e-mail:

Matt@etechnv.com
wesley@etechnv.com

Report Format:

☒ Standard☐ TRRP☐ NPDES

Project Name: Cheddar 3BS Fed Com #1H

Project #: 13389

Project Loc: Lea County, NM

PO #:

(lab use only)

ORDER #: 1011006

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418, 8015M	TPH: TX 1005 Ext TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B, 8030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	BH-1 @ 6"			2/26/2021	1405		1	X								S	X													X
2	BH-2 @ 6"			2/26/2021	1410		1	X								S	X													X
3	BH-3 @ 6"			2/26/2021	1415		1	X								S	X													X
4	BH-4 @ 6"			2/26/2021	1425		1	X								S	X													X
5	BH-5 @ 6"			2/26/2021	1430		1	X								S	X													X
6	BH-6 @ 6"			2/26/2021	1435		1	X								S	X													X
7	BH-7 @ 6"			2/26/2021	1440		1	X								S	X													X
8	BH-8 @ 6"			2/26/2021	1445		1	X								S	X													X
9	BH-9 @ 6"			2/26/2021	1450		1	X								S	X													X
10	BH-10 @ 3"			2/26/2021	1450		1	X								S	X													X

Special Instructions:

Bill to Centennial

Relinquished by: *Matt Green* Date: 3/11 Time: 16:25 Received by: *Shuna Blaine*

Relinquished by: Date: Time: Received by:

Relinquished by: Date: Time: Received by:

Date: Time:

Date: Time:

Date: Time:

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered?

by Courier? UPS DHL FedEx Lone Star

Temperature upon Receipt: 5.1 °C

PBBI LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

2 of 4

Project Manager: Matt Green

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432)230-3763

Sampler Signature: *Matt Green*

e-mail:

Matt@etechnv.com
wesley@etechnv.com

Report Format:

☒ Standard☐ TRRP☐ NPDES

PO #:

Project Loc: Lea County, NM

Project Name: Cheddar 3BS Fed Com #1H

Project #: 13389

Page 54 of 56

LAB # (lab use only)		FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:																
									Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	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, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021P/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT		
11		BH-11 @ 6"			2/26/2021	1455		1	X									S	X														X
12		BH-12 @ 6"			2/26/2021	1500		1	X									S	X														X
13		BH-13 @ 6"			2/26/2021	1505		1	X									S	X														X
14		BH-14 @ 3"			2/26/2021	1510		1	X									S	X														X
15		BH-15 @ 3"			2/26/2021	1515		1	X									S	X														X
16		BH-16 @ 3"			2/26/2021	1520		1	X									S	X														X
17		BH-17 @ 1.5'			3/2/2021	1525		1	X									S	X														X
18		BH-18 @ 3"			3/2/2021	1530		1	X									S	X														X
19		BH-19 @ 3"			3/2/2021	1535		1	X									S	X														X
20		BH-20 @ 1'			3/2/2021	1540		1	X									S	X														X

Special Instructions: Bill to Centennial

Relinquished by: *Matt Green*

Date: 3/11

Time: 16:25

Received by:

Date:

Time:

Relinquished by: *Matt Green*

Date: 3/11

Time: 16:25

Received by:

Date:

Time:

Relinquished by: *Matt Green*

Date: 3/11

Time: 16:25

Received by:

Date:

Time:

Relinquished by: *Matt Green*

Date: 3/11

Time: 16:25

Received by:

Date:

Time:

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered

by Courier?

Temperature Upon Receipt:

Adjusted: 5.1

C Factor

C Factor

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

3044

Project Name: Cheddar 3BS Fed Com #1H

Project #: 13389

Project Loc: Lea County, NM

Page 55 of 56

Project Manager: Matt Green

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432)230-3763

Sampler Signature: *Matthew Stalen*

e-mail: Matt@etechenv.com

Fax No:

Report Format:

☒ Standard☐ TRRP☐ NPDES

PO #:

(lab use only)

ORDER #: 1C11006

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	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, SO ₄ , 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	
21	BH-21 @ 1'			3/2/2021	1545		1	X								S	X														X
22	BH-22 @ 3"			3/2/2021	1550		1	X								S	X														X
23	BH-23 @ 3"			3/2/2021	1550		1	X								S	X														X
24	BH-24 @ 3"			3/2/2021	1555		1	X								S	X														X
25	BH-25 @ 6"			3/2/2021	1600		1	X								S	X														X
26	NSW-20 @ 1'			3/2/2021	1405		1	X								S	X														X
27	NSW-21 @ 1'			3/2/2021	1610		1	X								S	X														X
28	ESW-20 @ 1'			3/2/2021	1615		1	X								S	X														X
29	ESW-21 @ 1'			3/2/2021	1620		1	X								S	X														X
30	SSW-20 @ 1'			3/2/2021	1625		1	X								S	X														X

Special Instructions:

Bill to Centennial

Relinquished by: *Matthew Stalen*

Date: 3/11

Time: 16:25

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Laboratory Comments:

Sample Containers Initialed?

VOCS Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 41°C

Adjusted: 5.1°C Factor

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



Analytical Report

Prepared for:

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

Project: Chedder 3BS Fed Com #1H

Project Number: 13389

Location: Lea County, New Mexico

Lab Order Number: 1G01017



Current Certification

Report Date: 07/08/21

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Chedder 3BS Fed Com #1H Project Number: 13389 Project Manager: Tim McMinn
---	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Stockpile	1G01017-01	Soil	06/25/21 12:00	07-01-2021 16:24

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Tim McMinn

Stockpile
1G01017-01 (Soil)

Analyte	Reporting Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	PIG0603	07/06/21 09:56	07/06/21 10:11	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	PIG0203	07/02/21 08:40	07/02/21 23:12	TPH 8015M	
>C12-C28	181	25.3	mg/kg dry	1	PIG0203	07/02/21 08:40	07/02/21 23:12	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	PIG0203	07/02/21 08:40	07/02/21 23:12	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		PIG0203	07/02/21 08:40	07/02/21 23:12	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-130		PIG0203	07/02/21 08:40	07/02/21 23:12	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	181	25.3	mg/kg dry	1	[CALC]	07/02/21 08:40	07/02/21 23:12	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
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
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Batch P1G0603 - * DEFAULT PREP *****

Blank (P1G0603-BLK1)				Prepared & Analyzed: 07/06/21					
% Moisture	ND	0.1	%						
Blank (P1G0603-BLK2)				Prepared & Analyzed: 07/06/21					
% Moisture	ND	0.1	%						
Blank (P1G0603-BLK3)				Prepared & Analyzed: 07/06/21					
% Moisture	ND	0.1	%						
Duplicate (P1G0603-DUP1)		Source: 1G01015-03		Prepared & Analyzed: 07/06/21					
% Moisture	4.0	0.1	%		4.0			0.00	20
Duplicate (P1G0603-DUP2)		Source: 1G01018-08		Prepared & Analyzed: 07/06/21					
% Moisture	10.0	0.1	%		11.0			9.52	20
Duplicate (P1G0603-DUP3)		Source: 1G02003-04		Prepared & Analyzed: 07/06/21					
% Moisture	6.0	0.1	%		8.0			28.6	20
Duplicate (P1G0603-DUP4)		Source: 1G02002-01		Prepared & Analyzed: 07/06/21					
% Moisture	6.0	0.1	%		6.0			0.00	20

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
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 P1G0203 - TX 1005

Calibration Check (P1G0203-CCV2)

Prepared & Analyzed: 07/02/21

C6-C12	518	25.0	mg/kg wet	500		104	85-115			
>C12-C28	563	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	50.9		"	50.0		102	70-130			

Calibration Check (P1G0203-CCV3)

Prepared: 07/02/21 Analyzed: 07/03/21

C6-C12	520	25.0	mg/kg wet	500		104	85-115			
>C12-C28	549	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	52.5		"	50.0		105	70-130			

Matrix Spike (P1G0203-MS1)

Source: 1G01018-01

Prepared & Analyzed: 07/02/21

C6-C12	1200	26.9	mg/kg dry	1080	14.3	110	75-125			
>C12-C28	1110	26.9	"	1080	16.8	102	75-125			
Surrogate: 1-Chlorooctane	117		"	108		109	70-130			
Surrogate: o-Terphenyl	61.6		"	53.8		114	70-130			

Matrix Spike Dup (P1G0203-MSD1)

Source: 1G01018-01

Prepared: 07/02/21 Analyzed: 07/03/21

C6-C12	1210	26.9	mg/kg dry	1080	14.3	111	75-125	1.24	20	
>C12-C28	1140	26.9	"	1080	16.8	104	75-125	2.65	20	
Surrogate: 1-Chlorooctane	116		"	108		108	70-130			
Surrogate: o-Terphenyl	57.9		"	53.8		108	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Tim McMinn

Notes and Definitions

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

Report Approved By:



Date:

7/8/2021

Brent Barron, Laboratory Director/Technical Director

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

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

PBMLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

CML 28 W 28

Phone: 432-661-4184

Continental

Project Name:

Chadler 385 Fed Com #

Project Manager: Tim McMillin

Company Name: Etech Environmental and Safety Solutions, Inc.

Project #: 13389

Company Address: 13000 W CR 100

Project Loc: Lea County, NM

City/State/Zip: Odessa, Texas 79765

PO #: 40950

Telephone No: (432)230-3763

Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: *Ally Moss*

e-mail:

Matt@etechenv.com
tim@etechenv.com

(lab use only)

ORDER #:

16701017

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	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, SO ₄ , 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
U	Stockpile			6/25/21	1200		1	X								S	X													X

Special Instructions:
Bill to Centennial Resource

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by: PBEL:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered

by Sampler/Client Rep.?

Temperature Upon Receipt:

Adjusted: 12.8 °C Factor

N N N N N N N N N N

N N N N N N N N N N

N N N N N N N N N N

N N N N N N N N N N

N N N N N N N N N N

N N N N N N N N N N

N N N N N N N N N N

N N N N N N N N N N

N N N N N N N N N N

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



Analytical Report

Prepared for:

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

Project: Chedder 3BS Fed Com #1H

Project Number: 13389

Location: Lea County, New Mexico

Lab Order Number: 1H06012



Current Certification

Report Date: 08/11/21

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Chedder 3BS Fed Com #1H Project Number: 13389 Project Manager: Tim McMinn
---	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Stockpile	1H06012-01	Soil	08/05/21 12:00	08-06-2021 11:22

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Tim McMinn

Stockpile
1H06012-01 (Soil)

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

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	7.0	0.1	%	1	PIH0903	08/09/21 15:00	08/09/21 15:05	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.9	mg/kg dry	1	PIH0704	08/07/21 11:30	08/09/21 21:23	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	PIH0704	08/07/21 11:30	08/09/21 21:23	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	PIH0704	08/07/21 11:30	08/09/21 21:23	TPH 8015M	
Surrogate: 1-Chlorooctane	104 %	70-130			PIH0704	08/07/21 11:30	08/09/21 21:23	TPH 8015M	
Surrogate: o-Terphenyl	113 %	70-130			PIH0704	08/07/21 11:30	08/09/21 21:23	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	08/07/21 11:30	08/09/21 21:23	calc	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 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 P1H0903 - *** DEFAULT PREP ***										
Blank (P1H0903-BLK1)				Prepared & Analyzed: 08/09/21						
% Moisture	ND	0.1	%							
Blank (P1H0903-BLK2)				Prepared & Analyzed: 08/09/21						
% Moisture	ND	0.1	%							
Duplicate (P1H0903-DUP1)				Source: 1H04008-02		Prepared & Analyzed: 08/09/21				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P1H0903-DUP2)				Source: 1H05003-01		Prepared & Analyzed: 08/09/21				
% Moisture	5.0	0.1	%		4.0			22.2	20	R2
Duplicate (P1H0903-DUP3)				Source: 1H06010-04		Prepared & Analyzed: 08/09/21				
% Moisture	4.0	0.1	%		5.0			22.2	20	R2
Duplicate (P1H0903-DUP4)				Source: 1H06019-02		Prepared & Analyzed: 08/09/21				
% Moisture	ND	0.1	%		ND				20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
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 P1H0704 - TX 1005

Blank (P1H0704-BLK1)

Prepared: 08/07/21 Analyzed: 08/09/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	95.1		"	100		95.1	70-130			
Surrogate: o-Terphenyl	51.5		"	50.0		103	70-130			

LCS (P1H0704-BS1)

Prepared: 08/07/21 Analyzed: 08/09/21

C6-C12	927	25.0	mg/kg wet	1000		92.7	75-125			
>C12-C28	889	25.0	"	1000		88.9	75-125			
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	54.2		"	50.0		108	70-130			

LCS Dup (P1H0704-BSD1)

Prepared: 08/07/21 Analyzed: 08/09/21

C6-C12	941	25.0	mg/kg wet	1000		94.1	75-125	1.43	20	
>C12-C28	906	25.0	"	1000		90.6	75-125	1.98	20	
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	52.8		"	50.0		106	70-130			

Calibration Check (P1H0704-CCV1)

Prepared: 08/07/21 Analyzed: 08/09/21

C6-C12	463	25.0	mg/kg wet	500		92.6	85-115			
>C12-C28	467	25.0	"	500		93.3	85-115			
Surrogate: 1-Chlorooctane	99.0		"	100		99.0	70-130			
Surrogate: o-Terphenyl	53.0		"	50.0		106	70-130			

Calibration Check (P1H0704-CCV2)

Prepared: 08/07/21 Analyzed: 08/09/21

C6-C12	491	25.0	mg/kg wet	500		98.3	85-115			
>C12-C28	490	25.0	"	500		98.0	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	55.3		"	50.0		111	70-130			

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 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 P1H0704 - TX 1005

Matrix Spike (P1H0704-MS1)	Source: 1H06013-01			Prepared: 08/07/21		Analyzed: 08/10/21				
C6-C12	1070	25.8	mg/kg dry	1030	13.4	103	75-125			
>C12-C28	1040	25.8	"	1030	64.6	94.9	75-125			
Surrogate: 1-Chlorooctane	110		"	103		106	70-130			
Surrogate: o-Terphenyl	58.3		"	51.5		113	70-130			
Matrix Spike Dup (P1H0704-MSD1)	Source: 1H06013-01			Prepared: 08/07/21		Analyzed: 08/10/21				
C6-C12	1070	25.8	mg/kg dry	1030	13.4	103	75-125	0.0790	20	
>C12-C28	1040	25.8	"	1030	64.6	95.1	75-125	0.155	20	
Surrogate: 1-Chlorooctane	109		"	103		106	70-130			
Surrogate: o-Terphenyl	58.2		"	51.5		113	70-130			

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Tim McMinn

Notes and Definitions

ROI Received on Ice
R2 The RPD exceeded the acceptance limit.
BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By: _____



Date: 8/11/2021

Brent Barron, Laboratory Director/Technical Director

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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



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: Matt Green

Company Name Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432) 230-3763

Sampler Signature:

Fax No:

Matt@etechnv.com

Project Name: Cheddar 3BS Fed Com #1H

Project #: 13389

Project Loc: Lea County, NM**PO #:**

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Page 8 of 8

(lab use only)		www.westchem.com		Analyze For:	
ORDER #: 11406012		TCLP:			
		TOTAL:			
LAB # (lab use only)		TCLP:			
FIELD CODE		TOTAL:			
Stockpile		TOTAL:			
Beginning Depth		TOTAL:			
Ending Depth		TOTAL:			
Date Sampled		TOTAL:			
Time Sampled		TOTAL:			
Field Filtered		TOTAL:			
Total #. of Containers		TOTAL:			
Ice		TOTAL:			
HNO ₃		TOTAL:			
HCl		TOTAL:			
H ₂ SO ₄		TOTAL:			
NaOH		TOTAL:			
Na ₂ S ₂ O ₃		TOTAL:			
None		TOTAL:			
Other (Specify)		TOTAL:			
DW=Drinking Water SL=Sludge		TOTAL:			
GW = Groundwater S=Soil/Solid		TOTAL:			
NP=Non-Potable Specify Other		TOTAL:			
TPH: 418.1 8015M 8015B		TOTAL:			
TPH: TX 1005 Ext TX 1006		TOTAL:			
Cations (Ca, Mg, Na, K)		TOTAL:			
Anions (Cl, SO ₄ , Alkalinity)		TOTAL:			
SAR / ESP / CEC		TOTAL:			
Metals: As Ag Ba Cd Cr Pb Hg Se		TOTAL:			
Volatiles		TOTAL:			
Semivolatiles		TOTAL:			
BTEX 8021B/5030 or BTEX 8260		TOTAL:			
RCI		TOTAL:			
N.O.R.M.		TOTAL:			
Chlorides E 300		TOTAL:			
RUSH TAT (Pre-Schedule) 24, 48, 72 hrs		TOTAL:			
Standard TAT		TOTAL:			
Special Instructions:		TOTAL:			
Bill to Centennial		TOTAL:			
Relinquished by:		TOTAL:			
Date		TOTAL:			
Time		TOTAL:			
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Date		TOTAL:			
Time					

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



Analytical Report Rev. 1

Prepared for:

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

Project: Chedder 3BS Fed Com #1H

Project Number: 13389

Location: Lea County, NM

Lab Order Number: 1C16008



Current Certification

Report Date: 09/02/21

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Perimeter #7	1C16008-01	Soil	03/08/21 13:30	03-16-2021 11:45
Perimeter #8	1C16008-02	Soil	03/08/21 13:15	03-16-2021 11:45
Perimeter #9	1C16008-03	Soil	03/08/21 14:00	03-16-2021 11:45
Perimeter N-1	1C16008-04	Soil	03/08/21 13:45	03-16-2021 11:45
Perimeter N-2	1C16008-05	Soil	03/08/21 14:05	03-16-2021 11:45
Perimeter E-2	1C16008-06	Soil	03/08/21 13:00	03-16-2021 11:45
Perimeter W-1	1C16008-07	Soil	03/08/21 14:15	03-16-2021 11:45
Perimeter W-3	1C16008-08	Soil	03/08/21 14:10	03-16-2021 11:45
Perimeter E-5	1C16008-09	Soil	03/08/21 14:25	03-16-2021 11:45
Perimeter E-11	1C16008-10	Soil	03/08/21 14:20	03-16-2021 11:45
Perimeter E-12	1C16008-11	Soil	03/08/21 14:40	03-16-2021 11:45
Perimeter E-13	1C16008-12	Soil	03/08/21 14:30	03-16-2021 11:45

On 09/01/21 PBELAB was advised by the client to make the following changes to sample IDs

Sample ID 1C16008-09: Please rename to Perimeter E-5
1C16008-10: Please rename to Perimeter E- 11
1C16008-11: Please rename to Perimeter E-12
1C16008-12: Please rename to Perimeter E-13

This revised report reflects the requested changes.

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter #7
1C16008-01 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 22:39	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 22:39	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 22:39	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 22:39	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 22:39	EPA 8021B
Surrogate: 4-Bromofluorobenzene	97.0 %	80-120			P1C1912	03/19/21 12:51	03/19/21 22:39	EPA 8021B
Surrogate: 1,4-Difluorobenzene	102 %	80-120			P1C1912	03/19/21 12:51	03/19/21 22:39	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.00	mg/kg dry	1	P1C2303	03/23/21 09:56	03/23/21 23:01	EPA 300.0
% Moisture	ND	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:09	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:09	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:09	TPH 8015M
Surrogate: 1-Chlorooctane	107 %	70-130			P1C1807	03/18/21 13:36	03/19/21 16:09	TPH 8015M
Surrogate: o-Terphenyl	117 %	70-130			P1C1807	03/18/21 13:36	03/19/21 16:09	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 16:09	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter #8
1C16008-02 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:00	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:00	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:00	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:00	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:00	EPA 8021B
Surrogate: 1,4-Difluorobenzene	92.7 %	80-120			P1C1912	03/19/21 12:51	03/19/21 23:00	EPA 8021B
Surrogate: 4-Bromofluorobenzene	94.3 %	80-120			P1C1912	03/19/21 12:51	03/19/21 23:00	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	1.33	1.00	mg/kg dry	1	P1C2303	03/23/21 09:56	03/23/21 23:17	EPA 300.0
% Moisture	ND	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:31	TPH 8015M
>C12-C28	28.6	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:31	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:31	TPH 8015M
Surrogate: 1-Chlorooctane	105 %	70-130			P1C1807	03/18/21 13:36	03/19/21 16:31	TPH 8015M
Surrogate: o-Terphenyl	115 %	70-130			P1C1807	03/18/21 13:36	03/19/21 16:31	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	28.6	25.0	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 16:31	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter #9
1C16008-03 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:21	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:21	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:21	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:21	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:21	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.7 %	80-120			P1C1912	03/19/21 12:51	03/19/21 23:21	EPA 8021B
Surrogate: 4-Bromofluorobenzene	90.8 %	80-120			P1C1912	03/19/21 12:51	03/19/21 23:21	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	12.6	1.00	mg/kg dry	1	P1C2303	03/23/21 09:56	03/23/21 23:34	EPA 300.0
% Moisture	ND	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:54	TPH 8015M
>C12-C28	1180	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:54	TPH 8015M
>C28-C35	213	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 16:54	TPH 8015M
Surrogate: 1-Chlorooctane	106 %	70-130			P1C1807	03/18/21 13:36	03/19/21 16:54	TPH 8015M
Surrogate: o-Terphenyl	129 %	70-130			P1C1807	03/18/21 13:36	03/19/21 16:54	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	1390	25.0	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 16:54	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter N-1
1C16008-04 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:42	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:42	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:42	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:42	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/19/21 23:42	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.5 %	80-120			P1C1912	03/19/21 12:51	03/19/21 23:42	EPA 8021B
Surrogate: 4-Bromofluorobenzene	99.4 %	80-120			P1C1912	03/19/21 12:51	03/19/21 23:42	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	8.48	1.00	mg/kg dry	1	P1C2303	03/23/21 09:56	03/23/21 23:50	EPA 300.0
% Moisture	ND	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 17:16	TPH 8015M
>C12-C28	28.7	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 17:16	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 17:16	TPH 8015M
Surrogate: 1-Chlorooctane	108 %	70-130			P1C1807	03/18/21 13:36	03/19/21 17:16	TPH 8015M
Surrogate: o-Terphenyl	117 %	70-130			P1C1807	03/18/21 13:36	03/19/21 17:16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	28.7	25.0	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 17:16	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter N-2
1C16008-05 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:03	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:03	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:03	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:03	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:03	EPA 8021B
Surrogate: 4-Bromofluorobenzene	99.0 %	80-120			P1C1912	03/19/21 12:51	03/20/21 00:03	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120			P1C1912	03/19/21 12:51	03/20/21 00:03	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	11.5	1.01	mg/kg dry	1	P1C2303	03/23/21 09:56	03/24/21 00:06	EPA 300.0
% Moisture	1.0	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 18:21	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 18:21	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 18:21	TPH 8015M
Surrogate: 1-Chlorooctane	109 %	70-130			P1C1807	03/18/21 13:36	03/19/21 18:21	TPH 8015M
Surrogate: o-Terphenyl	120 %	70-130			P1C1807	03/18/21 13:36	03/19/21 18:21	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 18:21	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter E-2
1C16008-06 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:24	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:24	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:24	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:24	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:24	EPA 8021B
Surrogate: 4-Bromofluorobenzene	93.3 %	80-120			P1C1912	03/19/21 12:51	03/20/21 00:24	EPA 8021B
Surrogate: 1,4-Difluorobenzene	93.0 %	80-120			P1C1912	03/19/21 12:51	03/20/21 00:24	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	13.9	1.01	mg/kg dry	1	P1C2303	03/23/21 09:56	03/24/21 00:22	EPA 300.0
% Moisture	1.0	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 18:43	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 18:43	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 18:43	TPH 8015M
Surrogate: 1-Chlorooctane	114 %	70-130			P1C1807	03/18/21 13:36	03/19/21 18:43	TPH 8015M
Surrogate: o-Terphenyl	126 %	70-130			P1C1807	03/18/21 13:36	03/19/21 18:43	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 18:43	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter W-1
1C16008-07 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:44	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:44	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:44	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:44	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 00:44	EPA 8021B
Surrogate: 4-Bromofluorobenzene	92.1 %	80-120			P1C1912	03/19/21 12:51	03/20/21 00:44	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.1 %	80-120			P1C1912	03/19/21 12:51	03/20/21 00:44	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2303	03/23/21 09:56	03/24/21 00:39	EPA 300.0
% Moisture	1.0	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:05	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:05	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:05	TPH 8015M
Surrogate: 1-Chlorooctane	114 %	70-130			P1C1807	03/18/21 13:36	03/19/21 19:05	TPH 8015M
Surrogate: o-Terphenyl	126 %	70-130			P1C1807	03/18/21 13:36	03/19/21 19:05	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 19:05	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter W-3
1C16008-08 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:05	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:05	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:05	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:05	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:05	EPA 8021B
Surrogate: 1,4-Difluorobenzene	93.6 %	80-120		P1C1912	03/19/21 12:51	03/20/21 01:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.3 %	80-120		P1C1912	03/19/21 12:51	03/20/21 01:05	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	2.11	1.01	mg/kg dry	1	P1C2303	03/23/21 09:56	03/24/21 00:55	EPA 300.0
% Moisture	1.0	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:27	TPH 8015M
>C12-C28	78.4	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:27	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:27	TPH 8015M
Surrogate: 1-Chlorooctane	114 %	70-130		P1C1807	03/18/21 13:36	03/19/21 19:27	TPH 8015M	
Surrogate: o-Terphenyl	125 %	70-130		P1C1807	03/18/21 13:36	03/19/21 19:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	78.4	25.3	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 19:27	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter E-5
1C16008-09 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:26	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:26	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:26	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:26	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/20/21 01:26	EPA 8021B
Surrogate: 1,4-Difluorobenzene	93.2 %	80-120		P1C1912	03/19/21 12:51	03/20/21 01:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.0 %	80-120		P1C1912	03/19/21 12:51	03/20/21 01:26	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.06	1.00	mg/kg dry	1	P1C2303	03/23/21 09:56	03/24/21 01:11	EPA 300.0
% Moisture	ND	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:48	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:48	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 19:48	TPH 8015M
Surrogate: 1-Chlorooctane	114 %	70-130		P1C1807	03/18/21 13:36	03/19/21 19:48	TPH 8015M	
Surrogate: o-Terphenyl	124 %	70-130		P1C1807	03/18/21 13:36	03/19/21 19:48	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 19:48	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter E-11
1C16008-10 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/21/21 12:01	EPA 8021B
Toluene	0.00462	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/21/21 12:01	EPA 8021B
Ethylbenzene	0.00186	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/21/21 12:01	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1912	03/19/21 12:51	03/21/21 12:01	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1912	03/19/21 12:51	03/21/21 12:01	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>97.9 %</i>	<i>80-120</i>			<i>P1C1912</i>	<i>03/19/21 12:51</i>	<i>03/21/21 12:01</i>	<i>EPA 8021B</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>94.8 %</i>	<i>80-120</i>			<i>P1C1912</i>	<i>03/19/21 12:51</i>	<i>03/21/21 12:01</i>	<i>EPA 8021B</i>

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.00	mg/kg dry	1	P1C2303	03/23/21 09:56	03/24/21 02:00	EPA 300.0
% Moisture	ND	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:10	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:10	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:10	TPH 8015M
<i>Surrogate: 1-Chlorooctane</i>	<i>111 %</i>	<i>70-130</i>			<i>P1C1807</i>	<i>03/18/21 13:36</i>	<i>03/19/21 20:10</i>	<i>TPH 8015M</i>
<i>Surrogate: o-Terphenyl</i>	<i>122 %</i>	<i>70-130</i>			<i>P1C1807</i>	<i>03/18/21 13:36</i>	<i>03/19/21 20:10</i>	<i>TPH 8015M</i>
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 20:10	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter E-12
1C16008-11 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 14:46	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 14:46	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 14:46	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 14:46	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 14:46	EPA 8021B
Surrogate: 4-Bromofluorobenzene	102 %	80-120			P1C1914	03/19/21 12:57	03/21/21 14:46	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.5 %	80-120			P1C1914	03/19/21 12:57	03/21/21 14:46	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.54	1.00	mg/kg dry	1	P1C2303	03/23/21 09:56	03/24/21 02:49	EPA 300.0
% Moisture	ND	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:32	TPH 8015M
>C12-C28	381	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:32	TPH 8015M
>C28-C35	90.3	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:32	TPH 8015M
Surrogate: 1-Chlorooctane	115 %	70-130			P1C1807	03/18/21 13:36	03/19/21 20:32	TPH 8015M
Surrogate: o-Terphenyl	126 %	70-130			P1C1807	03/18/21 13:36	03/19/21 20:32	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	472	25.0	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 20:32	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Perimeter E-13
1C16008-12 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 15:06	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 15:06	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 15:06	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 15:06	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21 12:57	03/21/21 15:06	EPA 8021B
Surrogate: 4-Bromofluorobenzene	99.2 %	80-120			P1C1914	03/19/21 12:57	03/21/21 15:06	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.2 %	80-120			P1C1914	03/19/21 12:57	03/21/21 15:06	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.00	mg/kg dry	1	P1C2303	03/23/21 09:56	03/24/21 03:05	EPA 300.0
% Moisture	ND	0.1	%	1	P1C1707	03/17/21 10:38	03/17/21 10:42	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:54	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:54	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1C1807	03/18/21 13:36	03/19/21 20:54	TPH 8015M
Surrogate: 1-Chlorooctane	114 %	70-130			P1C1807	03/18/21 13:36	03/19/21 20:54	TPH 8015M
Surrogate: o-Terphenyl	124 %	70-130			P1C1807	03/18/21 13:36	03/19/21 20:54	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/18/21 13:36	03/19/21 20:54	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1C1912 - * DEFAULT PREP *****

Blank (P1C1912-BLK1)

Prepared & Analyzed: 03/19/21

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	0.106		"	0.120		88.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		91.0	80-120			

LCS (P1C1912-BS1)

Prepared & Analyzed: 03/19/21

Benzene	0.0992	0.00100	mg/kg wet	0.100		99.2	70-130			
Toluene	0.116	0.00100	"	0.100		116	70-130			
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130			
Xylene (p/m)	0.228	0.00200	"	0.200		114	70-130			
Xylene (o)	0.0993	0.00100	"	0.100		99.3	70-130			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			

LCS Dup (P1C1912-BSD1)

Prepared & Analyzed: 03/19/21

Benzene	0.0955	0.00100	mg/kg wet	0.100		95.5	70-130	3.76	20	
Toluene	0.111	0.00100	"	0.100		111	70-130	4.12	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	70-130	0.913	20	
Xylene (p/m)	0.228	0.00200	"	0.200		114	70-130	0.202	20	
Xylene (o)	0.0982	0.00100	"	0.100		98.2	70-130	1.10	20	
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.7	80-120			

Calibration Blank (P1C1912-CCB1)

Prepared & Analyzed: 03/19/21

Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.1	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch PIC1912 - * DEFAULT PREP *****

Calibration Blank (PIC1912-CCB2)

Prepared & Analyzed: 03/19/21

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	0.111		"	0.120		92.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.7	80-120			

Calibration Check (PIC1912-CCV1)

Prepared & Analyzed: 03/19/21

Benzene	0.0829	0.00100	mg/kg wet	0.100		82.9	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.0934	0.00100	"	0.100		93.4	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.5	80-120			
Xylene (o)	0.0829	0.00100	"	0.100		82.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.0	75-125			

Calibration Check (PIC1912-CCV2)

Prepared & Analyzed: 03/19/21

Benzene	0.0895	0.00100	mg/kg wet	0.100		89.5	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.0953	0.00100	"	0.100		95.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	75-125			

Calibration Check (PIC1912-CCV3)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0929	0.00100	"	0.100		92.9	80-120			
Xylene (p/m)	0.165	0.00200	"	0.200		82.5	80-120			
Xylene (o)	0.0864	0.00100	"	0.100		86.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	75-125			
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		113	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1C1912 - * DEFAULT PREP *****

Matrix Spike (P1C1912-MS1)		Source: 1C18012-01		Prepared: 03/19/21		Analyzed: 03/21/21				
Benzene	0.0535	0.00101	mg/kg dry	0.101	ND	53.0	80-120			QM-07
Toluene	0.0319	0.00101	"	0.101	0.00109	30.5	80-120			QM-07
Ethylbenzene	0.0300	0.00101	"	0.101	0.00108	28.6	80-120			QM-07
Xylene (p/m)	0.0164	0.00202	"	0.202	ND	8.10	80-120			QM-07
Xylene (o)	0.0162	0.00101	"	0.101	ND	16.0	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.0793		"	0.121		65.4	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.105		"	0.121		86.4	80-120			

Matrix Spike Dup (P1C1912-MSD1)		Source: 1C18012-01		Prepared: 03/19/21		Analyzed: 03/21/21				
Benzene	0.0520	0.00101	mg/kg dry	0.101	ND	51.5	80-120	2.91	20	QM-07
Toluene	0.0325	0.00101	"	0.101	0.00109	31.1	80-120	2.05	20	QM-07
Ethylbenzene	0.0247	0.00101	"	0.101	0.00108	23.4	80-120	20.1	20	QM-07
Xylene (p/m)	0.0202	0.00202	"	0.202	ND	10.0	80-120	21.1	20	QM-07
Xylene (o)	0.0153	0.00101	"	0.101	ND	15.1	80-120	5.77	20	QM-07
Surrogate: 1,4-Difluorobenzene	0.101		"	0.121		83.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.0710		"	0.121		58.6	80-120			S-GC

Batch P1C1914 - * DEFAULT PREP *****

Blank (P1C1914-BLK1)				Prepared: 03/19/21		Analyzed: 03/21/21				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.9	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch PIC1914 - * DEFAULT PREP *****

LCS (PIC1914-BS1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.110	0.00100	mg/kg wet	0.100		110	70-130			
Toluene	0.109	0.00100	"	0.100		109	70-130			
Ethylbenzene	0.101	0.00100	"	0.100		101	70-130			
Xylene (p/m)	0.174	0.00200	"	0.200		87.2	70-130			
Xylene (o)	0.0883	0.00100	"	0.100		88.3	70-130			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.131		"	0.120		109	80-120			

LCS Dup (PIC1914-BSD1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.106	0.00100	mg/kg wet	0.100		106	70-130	3.97	20	
Toluene	0.115	0.00100	"	0.100		115	70-130	5.71	20	
Ethylbenzene	0.100	0.00100	"	0.100		100	70-130	0.815	20	
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	70-130	11.3	20	
Xylene (o)	0.0877	0.00100	"	0.100		87.7	70-130	0.705	20	
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			

Calibration Check (PIC1914-CCV1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0929	0.00100	"	0.100		92.9	80-120			
Xylene (p/m)	0.165	0.00200	"	0.200		82.5	80-120			
Xylene (o)	0.0864	0.00100	"	0.100		86.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		113	75-125			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	75-125			

Calibration Check (PIC1914-CCV2)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.104	0.00100	mg/kg wet	0.100		104	80-120			
Toluene	0.0911	0.00100	"	0.100		91.1	80-120			
Ethylbenzene	0.0835	0.00100	"	0.100		83.5	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		80.9	80-120			
Xylene (o)	0.0844	0.00100	"	0.100		84.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	75-125			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.7	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1C1914 - * DEFAULT PREP *****

Calibration Check (P1C1914-CCV3)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	75-125			

Matrix Spike (P1C1914-MS1)

Source: 1C15002-01

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.0810	0.00102	mg/kg dry	0.102	ND	79.4	80-120			QM-07
Toluene	0.0839	0.00102	"	0.102	ND	82.2	80-120			
Ethylbenzene	0.0974	0.00102	"	0.102	ND	95.4	80-120			
Xylene (p/m)	0.154	0.00204	"	0.204	ND	75.5	80-120			QM-07
Xylene (o)	0.0741	0.00102	"	0.102	ND	72.6	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.139		"	0.122		114	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.122		102	80-120			

Matrix Spike Dup (P1C1914-MSD1)

Source: 1C15002-01

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.0821	0.00102	mg/kg dry	0.102	ND	80.4	80-120	1.31	20	
Toluene	0.0847	0.00102	"	0.102	ND	83.0	80-120	0.908	20	
Ethylbenzene	0.102	0.00102	"	0.102	ND	100	80-120	4.96	20	
Xylene (p/m)	0.173	0.00204	"	0.204	ND	84.6	80-120	11.3	20	
Xylene (o)	0.0765	0.00102	"	0.102	ND	75.0	80-120	3.21	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.144		"	0.122		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.122		93.0	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1C1707 - * DEFAULT PREP *****

Blank (P1C1707-BLK1)		Prepared & Analyzed: 03/17/21								
% Moisture	ND	0.1	%							
Blank (P1C1707-BLK2)		Prepared & Analyzed: 03/17/21								
% Moisture	ND	0.1	%							
Blank (P1C1707-BLK3)		Prepared & Analyzed: 03/17/21								
% Moisture	ND	0.1	%							
Duplicate (P1C1707-DUP1)		Source: 1C16003-02		Prepared & Analyzed: 03/17/21						
% Moisture	10.0	0.1	%		12.0			18.2	20	
Duplicate (P1C1707-DUP2)		Source: 1C16005-01		Prepared & Analyzed: 03/17/21						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P1C1707-DUP3)		Source: 1C16006-11		Prepared & Analyzed: 03/17/21						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P1C1707-DUP4)		Source: 1C16007-10		Prepared & Analyzed: 03/17/21						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P1C1707-DUP5)		Source: 1C16008-12		Prepared & Analyzed: 03/17/21						
% Moisture	ND	0.1	%		ND				20	

Batch P1C2303 - * DEFAULT PREP *****

Blank (P1C2303-BLK1)		Prepared & Analyzed: 03/23/21								
Chloride	ND	1.00	mg/kg wet							

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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 P1C2303 - *** DEFAULT PREP ***										
LCS (P1C2303-BS1)				Prepared & Analyzed: 03/23/21						
Chloride	395	1.00	mg/kg wet	400		98.7	90-110			
LCS Dup (P1C2303-BSD1)				Prepared & Analyzed: 03/23/21						
Chloride	395	1.00	mg/kg wet	400		98.8	90-110	0.0962	20	
Calibration Check (P1C2303-CCV1)				Prepared & Analyzed: 03/23/21						
Chloride	19.2		mg/kg	20.0		95.8	90-110			
Calibration Check (P1C2303-CCV2)				Prepared: 03/23/21 Analyzed: 03/24/21						
Chloride	19.2		mg/kg	20.0		96.2	90-110			
Calibration Check (P1C2303-CCV3)				Prepared: 03/23/21 Analyzed: 03/24/21						
Chloride	18.4		mg/kg	20.0		91.9	90-110			
Matrix Spike (P1C2303-MS1)		Source: 1C16007-13		Prepared & Analyzed: 03/23/21						
Chloride	927	1.04	mg/kg dry	521	428	95.8	80-120			
Matrix Spike (P1C2303-MS2)		Source: 1C16008-10		Prepared: 03/23/21 Analyzed: 03/24/21						
Chloride	447	1.00	mg/kg dry	500	ND	89.4	80-120			
Matrix Spike Dup (P1C2303-MSD1)		Source: 1C16007-13		Prepared & Analyzed: 03/23/21						
Chloride	891	1.04	mg/kg dry	521	428	88.8	80-120	4.01	20	
Matrix Spike Dup (P1C2303-MSD2)		Source: 1C16008-10		Prepared: 03/23/21 Analyzed: 03/24/21						
Chloride	477	1.00	mg/kg dry	500	ND	95.4	80-120	6.46	20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1C1807 - TX 1005

Blank (P1C1807-BLK1)

Prepared: 03/18/21 Analyzed: 03/19/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	56.2		"	50.0		112	70-130			

LCS (P1C1807-BS1)

Prepared: 03/18/21 Analyzed: 03/19/21

C6-C12	1030	25.0	mg/kg wet	1000		103	75-125			
>C12-C28	1030	25.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	56.9		"	50.0		114	70-130			

LCS Dup (P1C1807-BSD1)

Prepared: 03/18/21 Analyzed: 03/19/21

C6-C12	1030	25.0	mg/kg wet	1000		103	75-125	0.230	20	
>C12-C28	1030	25.0	"	1000		103	75-125	0.218	20	
Surrogate: 1-Chlorooctane	106		"	100		106	70-130			
Surrogate: o-Terphenyl	56.8		"	50.0		114	70-130			

Calibration Check (P1C1807-CCV1)

Prepared: 03/18/21 Analyzed: 03/19/21

C6-C12	484	25.0	mg/kg wet	500		96.9	85-115			
>C12-C28	546	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	115		"	100		115	70-130			
Surrogate: o-Terphenyl	54.0		"	50.0		108	70-130			

Calibration Check (P1C1807-CCV2)

Prepared: 03/18/21 Analyzed: 03/19/21

C6-C12	487	25.0	mg/kg wet	500		97.4	85-115			
>C12-C28	561	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	54.1		"	50.0		108	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1C1807 - TX 1005

Matrix Spike (P1C1807-MS1)	Source: 1C16008-12			Prepared: 03/18/21		Analyzed: 03/19/21				
C6-C12	953	25.0	mg/kg dry	1000	11.0	94.2	75-125			
>C12-C28	1080	25.0	"	1000	23.2	105	75-125			
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	60.9		"	50.0		122	70-130			
Matrix Spike Dup (P1C1807-MSD1)	Source: 1C16008-12			Prepared: 03/18/21		Analyzed: 03/21/21				
C6-C12	909	25.0	mg/kg dry	1000	11.0	89.8	75-125	4.81	20	
>C12-C28	997	25.0	"	1000	23.2	97.4	75-125	7.72	20	
Surrogate: 1-Chlorooctane	96.9		"	100		96.9	70-130			
Surrogate: o-Terphenyl	52.9		"	50.0		106	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Notes and Definitions

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

ROI Received on Ice

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

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/2/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

PBB LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

1 of 2

Project Manager: Matt GreenCompany Name: Elect Environmental and Safety Solutions, Inc.Company Address: 13000 W CR 100City/State/Zip: Odessa, Texas 79765Telephone No: (432)230-3763Sampler Signature: Matt Green

Fax No:

e-mail: Matt@etechnv.com
lim@etechnv.comProject Name: Cheddar 3BS Fed Com #1HProject #: 13389Project Loc: Lea County, NM

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: 1616008

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:										RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	Perimeter # 7			3/8/2021	1330		1	X							S	X	TPH: 418.1 8015M 8015B									X	
2	Perimeter # 8			3/8/2021	1315		1	X							S	X	TPH: TX 1005 Ext TX 1006									X	
3	Perimeter # 9			3/8/2021	1400		1	X							S	X	Cations (Ca, Mg, Na, K)									X	
4	Perimeter N-1			3/8/2021	1345		1	X							S	X	Anions (Cl, SO ₄ , Alkalinity)									X	
5	Perimeter N-2			3/8/2021	1405		1	X							S	X	SAR / ESP / CEC									X	
6	Perimeter E-2			3/8/2021	1300		1	X							S	X	Metals: As Ag Ba Cd Cr Pb Hg Se									X	
7	Perimeter W-1			3/8/2021	1415		1	X							S	X	Volatiles									X	
8	Perimeter W-3			3/8/2021	1410		1	X							S	X	Semivolatiles									X	
9	Perimeter W-5			3/8/2021	1425		1	X							S	X	BTEX 8021B/8030 or BTEX 8260									X	
10	Perimeter W-11			3/8/2021	1420		1	X							S	X	RCI									X	
																	N.O.R.M.										
																	Chlorides E 300										

Special Instructions: Bill to Centennial

Relinquished by: <u>Matt Green</u>	Date: <u>3/16/21</u>	Time: <u>11:45</u>	Received by: <u>Thom Bludde</u>	Date: <u>3/16/21</u>	Time: <u>11:45</u>
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Laboratory Comments:

Sample Containers Intact? Y
 VOCs Free of Headspace? Y
 Labels on container(s) Y
 Custody seals on container(s) Y
 Custody seals on cooler(s) Y
 Sample Hand Delivered Y
 by Courier? Y UPS Y DHL Y FedEx Y Lone Star Y
 Temperature Upon Receipt: 5 °C 41.2 °F
 Adjusted: 5 °C Factor



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

20

Project Manager: Matt Green

Project Name: Cheddar 3BS Fed Com #1H

Company Name Etech Environmental and Safety Solutions, Inc.

Project #: 13389

Company Address: 13000 W CR 100

Project Loc: Lea County, NM


City/State/Zip: Odessa, Texas 79765

PO#:

Telephone No: (432) 230-3763

Fax No: _____

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:  e-mail: Matt@detecheny.com

lim@etechenv.com

(lab use only)

ORDER #: 1C16008

ORDER #:		(lab use only)		IC 16008		lim@elechemv.com	
LAB # (lab use only)		FIELD CODE		Beginning Depth		Ending Depth	
Date Sampled		Time Sampled		Field Filtered		Total #. of Containers	
Ice		HNO ₃		HCl		H ₂ SO ₄	
NaOH		Na ₂ S ₂ O ₃		None		Other (Specify)	
DW=Drinking Water SL=Sludge		GW = Groundwater S=Soil/Solid		NP=Non-Potable Specify Other		Matrix	
TPH: 418.1 8015M 8015B		TPH: TX 1005 Ext TX 1006		Cations (Ca, Mg, Na, K)		Anions (Cl, SO ₄ , Alkalinity)	
SAR / ESP / CEC		Metals: As Ag Ba Cd Cr Pb Hg Se		Volatiles		Semi-volatiles	
BTEX 8021B 8030 or BTEX 8260		RCI		N.O.R.M.		Chlorides E 300	
RUSH TAT (Pre-Schedule) 24, 48, 72 hrs		Standard TAT					

Special Instructions:
Bill to Centennial

Relinquished by:	Date	Time	Received by:	Date	Time	Label on container(s)
11-11-88	11	11				N
						N

Relinquished by:	Date	Time	Received by:	Date	Time	Sample Hand Delivered
						Y /
						N

Relinquished by:	Date	Time	Received by PBE:	Date	Time	Temperature Upon Receipt:
			AA	1		24

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



Analytical Report Rev. 2

Prepared for:

Matt Green

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

13000 West County Road 100

Odessa, TX 79765

Project: Chedder 3BS Fed Com #1H

Project Number: 13389

Location: Lea County, NM

Lab Order Number: 1D06003



Current Certification

Report Date: 09/02/21

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample Point 4	1D06003-01	Soil	04/01/21 10:25	04-06-2021 11:13
Sample Point 11	1D06003-02	Soil	04/01/21 11:05	04-06-2021 11:13
BH-10 @ 1'	1D06003-03	Soil	04/01/21 10:30	04-06-2021 11:13
BH-14 @ 1'	1D06003-04	Soil	04/01/21 11:15	04-06-2021 11:13
NSW-14 @ 1'	1D06003-05	Soil	04/05/21 07:50	04-06-2021 11:13
ESW-14 @ 1'	1D06003-06	Soil	04/01/21 11:25	04-06-2021 11:13
WSW-14 @ 1'	1D06003-07	Soil	04/01/21 11:35	04-06-2021 11:13
BH-15 @ 1'	1D06003-08	Soil	04/01/21 11:48	04-06-2021 11:13
ESW-15 @ 1'	1D06003-09	Soil	04/01/21 12:00	04-06-2021 11:13
WSW-15 @ 1'	1D06003-10	Soil	04/01/21 14:15	04-06-2021 11:13
BH-16 @ 1'	1D06003-11	Soil	04/01/21 14:00	04-06-2021 11:13
ESW-16 @ 1'	1D06003-12	Soil	04/01/21 13:45	04-06-2021 11:13
WSW-16 @ 1'	1D06003-13	Soil	04/01/21 13:30	04-06-2021 11:13
BH-17 @ 2'	1D06003-14	Soil	04/01/21 09:20	04-06-2021 11:13
NSW-17 @ 1'	1D06003-15	Soil	04/05/21 08:40	04-06-2021 11:13
SSW-17 @ 1'	1D06003-16	Soil	04/05/21 08:55	04-06-2021 11:13
ESW-17 @ 1'	1D06003-17	Soil	04/05/21 08:00	04-06-2021 11:13
WSW-17 @ 1'	1D06003-18	Soil	04/05/21 09:10	04-06-2021 11:13
BH-18 @ 1'	1D06003-19	Soil	04/01/21 10:45	04-06-2021 11:13
SSW-18 @ 1'	1D06003-20	Soil	04/05/21 08:30	04-06-2021 11:13
BH-19 @ 1'	1D06003-21	Soil	04/01/21 14:45	04-06-2021 11:13
NSW-19 @ 1'	1D06003-22	Soil	04/01/21 15:00	04-06-2021 11:13
ESW-19 @ 1'	1D06003-23	Soil	04/01/21 14:35	04-06-2021 11:13
SSW-19 @ 1'	1D06003-24	Soil	04/05/21 08:15	04-06-2021 11:13
BH-23 @ 1'	1D06003-25	Soil	04/01/21 16:00	04-06-2021 11:13
NSW-23 @ 1'	1D06003-26	Soil	04/01/21 15:45	04-06-2021 11:13
SSW-23 @ 1'	1D06003-27	Soil	04/01/21 15:05	04-06-2021 11:13
ESW-23 @ 1'	1D06003-28	Soil	04/01/21 15:25	04-06-2021 11:13
WSW-23 @ 1'	1D06003-29	Soil	04/01/21 16:10	04-06-2021 11:13
BH-24 @ 1'	1D06003-30	Soil	04/01/21 14:25	04-06-2021 11:13
NSW-24 @ 1'	1D06003-31	Soil	04/01/21 10:55	04-06-2021 11:13
SSW-24 @ 1'	1D06003-32	Soil	04/01/21 15:35	04-06-2021 11:13
ESW-24 @ 1'	1D06003-33	Soil	04/01/21 15:15	04-06-2021 11:13
WSW-24 @ 1'	1D06003-34	Soil	04/01/21 16:05	04-06-2021 11:13

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-25 @ 1'	1D06003-35	Soil	04/01/21 09:45	04-06-2021 11:13
NSW-25 @ 1'	1D06003-36	Soil	04/01/21 09:35	04-06-2021 11:13
SSW-25 @ 1'	1D06003-37	Soil	04/01/21 10:00	04-06-2021 11:13
WSW-25 @ 1'	1D06003-38	Soil	04/01/21 10:10	04-06-2021 11:13
Stockpile	1D06003-39	Soil	04/01/21 00:00	04-06-2021 11:13

On April 15, 2021, PBELAB staff was advised that sample 1D06003-20 (SSW-8 @ 1') should have been written on the COC as SSW-18 @ 20'. This revised report reflects that correction.

On 09/01/2021 The client advised PBELAB staff to make the following changes to:

On report 1D06003: Sample id 1D06003-14: Please rename to: BH-17 @ 2'

This revised report reflects that change.

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

Sample Point 4
1D06003-01 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	ND	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1D0707	04/07/21 13:34	04/09/21 04:40	TPH 8015M
>C12-C28	31.4	25.0	mg/kg dry	1	P1D0707	04/07/21 13:34	04/09/21 04:40	TPH 8015M
>C28-C35	29.6	25.0	mg/kg dry	1	P1D0707	04/07/21 13:34	04/09/21 04:40	TPH 8015M
Surrogate: 1-Chlorooctane	96.5 %	70-130			P1D0707	04/07/21 13:34	04/09/21 04:40	TPH 8015M
Surrogate: o-Terphenyl	98.2 %	70-130			P1D0707	04/07/21 13:34	04/09/21 04:40	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	60.9	25.0	mg/kg dry	1	[CALC]	04/07/21 13:34	04/09/21 04:40	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

Sample Point 11
1D06003-02 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	ND	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:10	TPH 8015M
>C12-C28	59.6	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:10	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:10	TPH 8015M
Surrogate: 1-Chlorooctane	87.0 %	70-130			P1D0708	04/07/21 13:37	04/09/21 15:10	TPH 8015M
Surrogate: o-Terphenyl	88.4 %	70-130			P1D0708	04/07/21 13:37	04/09/21 15:10	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	59.6	25.0	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 15:10	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-10 @ 1'
1D06003-03 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	2.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.5	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:33	TPH 8015M
>C12-C28	130	25.5	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:33	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:33	TPH 8015M
Surrogate: 1-Chlorooctane	86.9 %		70-130		P1D0708	04/07/21 13:37	04/09/21 15:33	TPH 8015M
Surrogate: o-Terphenyl	82.7 %		70-130		P1D0708	04/07/21 13:37	04/09/21 15:33	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	130	25.5	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 15:33	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-14 @ 1'
1D06003-04 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	3.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:55	TPH 8015M
>C12-C28	ND	25.8	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:55	TPH 8015M
>C28-C35	ND	25.8	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 15:55	TPH 8015M
Surrogate: 1-Chlorooctane	86.9 %	70-130			P1D0708	04/07/21 13:37	04/09/21 15:55	TPH 8015M
Surrogate: o-Terphenyl	83.0 %	70-130			P1D0708	04/07/21 13:37	04/09/21 15:55	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 15:55	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

NSW-14 @ 1'
1D06003-05 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 09:45	EPA 8021B
Toluene	ND	0.00103	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 09:45	EPA 8021B
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 09:45	EPA 8021B
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 09:45	EPA 8021B
Xylene (o)	ND	0.00103	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 09:45	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0811	04/08/21 15:58	04/09/21 09:45	EPA 8021B
Surrogate: 4-Bromofluorobenzene	110 %	80-120			P1D0811	04/08/21 15:58	04/09/21 09:45	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	27.6	1.03	mg/kg dry	1	P1D0807	04/08/21 12:43	04/09/21 07:35	EPA 300.0
% Moisture	3.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 16:18	TPH 8015M
>C12-C28	ND	25.8	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 16:18	TPH 8015M
>C28-C35	ND	25.8	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 16:18	TPH 8015M
Surrogate: 1-Chlorooctane	83.0 %	70-130			P1D0708	04/07/21 13:37	04/09/21 16:18	TPH 8015M
Surrogate: o-Terphenyl	82.8 %	70-130			P1D0708	04/07/21 13:37	04/09/21 16:18	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 16:18	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ESW-14 @ 1'
1D06003-06 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:06	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:06	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:06	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:06	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:06	EPA 8021B
Surrogate: 4-Bromofluorobenzene	115 %	80-120			P1D0811	04/08/21 15:58	04/09/21 10:06	EPA 8021B
Surrogate: 1,4-Difluorobenzene	109 %	80-120			P1D0811	04/08/21 15:58	04/09/21 10:06	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	43.5	1.02	mg/kg dry	1	P1D0807	04/08/21 12:43	04/09/21 07:51	EPA 300.0
% Moisture	2.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 16:41	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 16:41	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 16:41	TPH 8015M
Surrogate: 1-Chlorooctane	79.4 %	70-130			P1D0708	04/07/21 13:37	04/09/21 16:41	TPH 8015M
Surrogate: o-Terphenyl	72.9 %	70-130			P1D0708	04/07/21 13:37	04/09/21 16:41	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 16:41	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

WSW-14 @ 1'
1D06003-07 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:26	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:26	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:26	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:26	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:26	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0811	04/08/21 15:58	04/09/21 10:26	EPA 8021B
Surrogate: 4-Bromofluorobenzene	111 %	80-120			P1D0811	04/08/21 15:58	04/09/21 10:26	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	9.11	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 10:18	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:04	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:04	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:04	TPH 8015M
Surrogate: 1-Chlorooctane	87.8 %	70-130			P1D0708	04/07/21 13:37	04/09/21 17:04	TPH 8015M
Surrogate: o-Terphenyl	92.0 %	70-130			P1D0708	04/07/21 13:37	04/09/21 17:04	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 17:04	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-15 @ 1'
1D06003-08 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	ND	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:26	TPH 8015M
>C12-C28	25.4	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:26	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:26	TPH 8015M
Surrogate: 1-Chlorooctane	84.9 %	70-130			P1D0708	04/07/21 13:37	04/09/21 17:26	TPH 8015M
Surrogate: o-Terphenyl	89.0 %	70-130			P1D0708	04/07/21 13:37	04/09/21 17:26	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	25.4	25.0	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 17:26	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ESW-15 @ 1'
1D06003-09 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:47	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:47	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:47	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:47	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 10:47	EPA 8021B
Surrogate: 1,4-Difluorobenzene	107 %	80-120			P1D0811	04/08/21 15:58	04/09/21 10:47	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P1D0811	04/08/21 15:58	04/09/21 10:47	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.00	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 11:07	EPA 300.0
% Moisture	ND	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:49	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:49	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 17:49	TPH 8015M
Surrogate: 1-Chlorooctane	88.6 %	70-130			P1D0708	04/07/21 13:37	04/09/21 17:49	TPH 8015M
Surrogate: o-Terphenyl	92.5 %	70-130			P1D0708	04/07/21 13:37	04/09/21 17:49	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 17:49	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

WSW-15 @ 1'
1D06003-10 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 11:07	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 11:07	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 11:07	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 11:07	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 11:07	EPA 8021B
Surrogate: 4-Bromofluorobenzene	113 %	80-120			P1D0811	04/08/21 15:58	04/09/21 11:07	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0811	04/08/21 15:58	04/09/21 11:07	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.00	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 11:23	EPA 300.0
% Moisture	ND	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 18:12	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 18:12	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 18:12	TPH 8015M
Surrogate: 1-Chlorooctane	91.3 %	70-130			P1D0708	04/07/21 13:37	04/09/21 18:12	TPH 8015M
Surrogate: o-Terphenyl	95.2 %	70-130			P1D0708	04/07/21 13:37	04/09/21 18:12	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 18:12	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-16 @ 1'
1D06003-11 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 18:34	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 18:34	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 18:34	TPH 8015M
Surrogate: 1-Chlorooctane	95.8 %	70-130			P1D0708	04/07/21 13:37	04/09/21 18:34	TPH 8015M
Surrogate: o-Terphenyl	100 %	70-130			P1D0708	04/07/21 13:37	04/09/21 18:34	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 18:34	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ESW-16 @ 1'
1D06003-12 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:09	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:09	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:09	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:09	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:09	EPA 8021B
Surrogate: 1,4-Difluorobenzene	107 %	80-120			P1D0811	04/08/21 15:58	04/09/21 12:09	EPA 8021B
Surrogate: 4-Bromofluorobenzene	111 %	80-120			P1D0811	04/08/21 15:58	04/09/21 12:09	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	5.73	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 11:40	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 19:42	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 19:42	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 19:42	TPH 8015M
Surrogate: 1-Chlorooctane	96.5 %	70-130			P1D0708	04/07/21 13:37	04/09/21 19:42	TPH 8015M
Surrogate: o-Terphenyl	101 %	70-130			P1D0708	04/07/21 13:37	04/09/21 19:42	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 19:42	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

WSW-16 @ 1'
1D06003-13 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:29	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:29	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:29	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:29	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:29	EPA 8021B
Surrogate: 1,4-Difluorobenzene	105 %	80-120			P1D0811	04/08/21 15:58	04/09/21 12:29	EPA 8021B
Surrogate: 4-Bromofluorobenzene	109 %	80-120			P1D0811	04/08/21 15:58	04/09/21 12:29	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 11:56	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:04	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:04	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:04	TPH 8015M
Surrogate: 1-Chlorooctane	97.1 %	70-130			P1D0708	04/07/21 13:37	04/09/21 20:04	TPH 8015M
Surrogate: o-Terphenyl	101 %	70-130			P1D0708	04/07/21 13:37	04/09/21 20:04	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 20:04	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-17 @ 2'
1D06003-14 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:27	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:27	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:27	TPH 8015M
Surrogate: 1-Chlorooctane	91.6 %	70-130			P1D0708	04/07/21 13:37	04/09/21 20:27	TPH 8015M
Surrogate: o-Terphenyl	96.7 %	70-130			P1D0708	04/07/21 13:37	04/09/21 20:27	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 20:27	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

NSW-17 @ 1'
1D06003-15 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:50	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:50	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:50	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:50	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 12:50	EPA 8021B
Surrogate: 4-Bromofluorobenzene	111 %	80-120			P1D0811	04/08/21 15:58	04/09/21 12:50	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0811	04/08/21 15:58	04/09/21 12:50	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 12:12	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:49	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:49	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 20:49	TPH 8015M
Surrogate: 1-Chlorooctane	98.0 %	70-130			P1D0708	04/07/21 13:37	04/09/21 20:49	TPH 8015M
Surrogate: o-Terphenyl	102 %	70-130			P1D0708	04/07/21 13:37	04/09/21 20:49	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 20:49	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

SSW-17 @ 1'
1D06003-16 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:10	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:10	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:10	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:10	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:10	EPA 8021B
Surrogate: 1,4-Difluorobenzene	107 %	80-120			P1D0811	04/08/21 15:58	04/09/21 13:10	EPA 8021B
Surrogate: 4-Bromofluorobenzene	110 %	80-120			P1D0811	04/08/21 15:58	04/09/21 13:10	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 12:29	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:11	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:11	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:11	TPH 8015M
Surrogate: 1-Chlorooctane	95.5 %	70-130			P1D0708	04/07/21 13:37	04/09/21 21:11	TPH 8015M
Surrogate: o-Terphenyl	101 %	70-130			P1D0708	04/07/21 13:37	04/09/21 21:11	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 21:11	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ESW-17 @ 1'
1D06003-17 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:31	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:31	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:31	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:31	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:31	EPA 8021B
Surrogate: 4-Bromofluorobenzene	110 %	80-120			P1D0811	04/08/21 15:58	04/09/21 13:31	EPA 8021B
Surrogate: 1,4-Difluorobenzene	106 %	80-120			P1D0811	04/08/21 15:58	04/09/21 13:31	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 12:45	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:33	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:33	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:33	TPH 8015M
Surrogate: 1-Chlorooctane	93.0 %	70-130			P1D0708	04/07/21 13:37	04/09/21 21:33	TPH 8015M
Surrogate: o-Terphenyl	98.1 %	70-130			P1D0708	04/07/21 13:37	04/09/21 21:33	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 21:33	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

WSW-17 @ 1'
1D06003-18 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:51	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:51	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:51	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:51	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 13:51	EPA 8021B
Surrogate: 4-Bromofluorobenzene	111 %	80-120			P1D0811	04/08/21 15:58	04/09/21 13:51	EPA 8021B
Surrogate: 1,4-Difluorobenzene	107 %	80-120			P1D0811	04/08/21 15:58	04/09/21 13:51	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 13:01	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:55	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:55	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 21:55	TPH 8015M
Surrogate: 1-Chlorooctane	95.3 %	70-130			P1D0708	04/07/21 13:37	04/09/21 21:55	TPH 8015M
Surrogate: o-Terphenyl	99.0 %	70-130			P1D0708	04/07/21 13:37	04/09/21 21:55	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 21:55	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-18 @ 1'
1D06003-19 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 22:17	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 22:17	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 22:17	TPH 8015M
Surrogate: 1-Chlorooctane	100 %	70-130			P1D0708	04/07/21 13:37	04/09/21 22:17	TPH 8015M
Surrogate: o-Terphenyl	104 %	70-130			P1D0708	04/07/21 13:37	04/09/21 22:17	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 22:17	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

SSW-18 @ 1'
1D06003-20 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:12	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:12	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:12	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:12	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:12	EPA 8021B
Surrogate: 1,4-Difluorobenzene	109 %	80-120			P1D0811	04/08/21 15:58	04/09/21 14:12	EPA 8021B
Surrogate: 4-Bromofluorobenzene	111 %	80-120			P1D0811	04/08/21 15:58	04/09/21 14:12	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	1.77	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 13:18	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 22:40	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 22:40	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 22:40	TPH 8015M
Surrogate: 1-Chlorooctane	97.5 %	70-130			P1D0708	04/07/21 13:37	04/09/21 22:40	TPH 8015M
Surrogate: o-Terphenyl	103 %	70-130			P1D0708	04/07/21 13:37	04/09/21 22:40	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 22:40	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-19 @ 1'
1D06003-21 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 23:02	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 23:02	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0708	04/07/21 13:37	04/09/21 23:02	TPH 8015M
Surrogate: 1-Chlorooctane	95.9 %	70-130			P1D0708	04/07/21 13:37	04/09/21 23:02	TPH 8015M
Surrogate: o-Terphenyl	102 %	70-130			P1D0708	04/07/21 13:37	04/09/21 23:02	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 13:37	04/09/21 23:02	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

NSW-19 @ 1'
1D06003-22 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:32	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:32	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:32	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:32	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:32	EPA 8021B
Surrogate: 1,4-Difluorobenzene	106 %	80-120			P1D0811	04/08/21 15:58	04/09/21 14:32	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P1D0811	04/08/21 15:58	04/09/21 14:32	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 14:07	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 10:32	TPH 8015M
>C12-C28	25.6	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 10:32	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 10:32	TPH 8015M
Surrogate: 1-Chlorooctane	101 %	70-130			P1D0712	04/07/21 16:09	04/08/21 10:32	TPH 8015M
Surrogate: o-Terphenyl	106 %	70-130			P1D0712	04/07/21 16:09	04/08/21 10:32	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	25.6	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 10:32	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ESW-19 @ 1'
1D06003-23 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:52	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:52	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:52	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:52	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 14:52	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0811	04/08/21 15:58	04/09/21 14:52	EPA 8021B
Surrogate: 4-Bromofluorobenzene	111 %	80-120			P1D0811	04/08/21 15:58	04/09/21 14:52	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 14:56	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 22:34	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 22:34	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 22:34	TPH 8015M
Surrogate: 1-Chlorooctane	106 %	70-130			P1D0712	04/07/21 16:09	04/07/21 22:34	TPH 8015M
Surrogate: o-Terphenyl	110 %	70-130			P1D0712	04/07/21 16:09	04/07/21 22:34	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/07/21 22:34	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

SSW-19 @ 1'
1D06003-24 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 15:13	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 15:13	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 15:13	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 15:13	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0811	04/08/21 15:58	04/09/21 15:13	EPA 8021B
Surrogate: 1,4-Difluorobenzene	107 %	80-120			P1D0811	04/08/21 15:58	04/09/21 15:13	EPA 8021B
Surrogate: 4-Bromofluorobenzene	109 %	80-120			P1D0811	04/08/21 15:58	04/09/21 15:13	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 15:12	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 22:56	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 22:56	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 22:56	TPH 8015M
Surrogate: 1-Chlorooctane	109 %	70-130			P1D0712	04/07/21 16:09	04/07/21 22:56	TPH 8015M
Surrogate: o-Terphenyl	113 %	70-130			P1D0712	04/07/21 16:09	04/07/21 22:56	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/07/21 22:56	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-23 @ 1'
1D06003-25 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 23:18	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 23:18	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 23:18	TPH 8015M
Surrogate: 1-Chlorooctane	105 %	70-130			P1D0712	04/07/21 16:09	04/07/21 23:18	TPH 8015M
Surrogate: o-Terphenyl	109 %	70-130			P1D0712	04/07/21 16:09	04/07/21 23:18	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/07/21 23:18	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

NSW-23 @ 1'
1D06003-26 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:14	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:14	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:14	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:14	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:14	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0909	04/09/21 13:23	04/10/21 00:14	EPA 8021B
Surrogate: 4-Bromofluorobenzene	109 %	80-120			P1D0909	04/09/21 13:23	04/10/21 00:14	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 15:28	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 23:41	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 23:41	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/07/21 23:41	TPH 8015M
Surrogate: 1-Chlorooctane	104 %	70-130			P1D0712	04/07/21 16:09	04/07/21 23:41	TPH 8015M
Surrogate: o-Terphenyl	107 %	70-130			P1D0712	04/07/21 16:09	04/07/21 23:41	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/07/21 23:41	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

SSW-23 @ 1'
1D06003-27 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:35	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:35	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:35	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:35	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:35	EPA 8021B
Surrogate: 4-Bromofluorobenzene	107 %	80-120			P1D0909	04/09/21 13:23	04/10/21 00:35	EPA 8021B
Surrogate: 1,4-Difluorobenzene	105 %	80-120			P1D0909	04/09/21 13:23	04/10/21 00:35	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.13	1.00	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 15:44	EPA 300.0
% Moisture	ND	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:03	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:03	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:03	TPH 8015M
Surrogate: 1-Chlorooctane	106 %	70-130			P1D0712	04/07/21 16:09	04/08/21 00:03	TPH 8015M
Surrogate: o-Terphenyl	108 %	70-130			P1D0712	04/07/21 16:09	04/08/21 00:03	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 00:03	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ESW-23 @ 1'
1D06003-28 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:55	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:55	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:55	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:55	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 00:55	EPA 8021B
Surrogate: 4-Bromofluorobenzene	110 %	80-120			P1D0909	04/09/21 13:23	04/10/21 00:55	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0909	04/09/21 13:23	04/10/21 00:55	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 16:01	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:25	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:25	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:25	TPH 8015M
Surrogate: 1-Chlorooctane	105 %	70-130			P1D0712	04/07/21 16:09	04/08/21 00:25	TPH 8015M
Surrogate: o-Terphenyl	108 %	70-130			P1D0712	04/07/21 16:09	04/08/21 00:25	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 00:25	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

WSW-23 @ 1'
1D06003-29 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:16	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:16	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:16	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:16	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:16	EPA 8021B
Surrogate: 1,4-Difluorobenzene	111 %	80-120			P1D0909	04/09/21 13:23	04/10/21 01:16	EPA 8021B
Surrogate: 4-Bromofluorobenzene	114 %	80-120			P1D0909	04/09/21 13:23	04/10/21 01:16	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 16:17	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:48	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:48	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 00:48	TPH 8015M
Surrogate: 1-Chlorooctane	103 %	70-130			P1D0712	04/07/21 16:09	04/08/21 00:48	TPH 8015M
Surrogate: o-Terphenyl	107 %	70-130			P1D0712	04/07/21 16:09	04/08/21 00:48	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 00:48	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-24 @ 1'
1D06003-30 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 01:10	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 01:10	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 01:10	TPH 8015M
Surrogate: 1-Chlorooctane	103 %	70-130			P1D0712	04/07/21 16:09	04/08/21 01:10	TPH 8015M
Surrogate: o-Terphenyl	107 %	70-130			P1D0712	04/07/21 16:09	04/08/21 01:10	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 01:10	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

NSW-24 @ 1'
1D06003-31 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:36	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:36	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:36	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:36	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:36	EPA 8021B
Surrogate: 4-Bromofluorobenzene	113 %	80-120			P1D0909	04/09/21 13:23	04/10/21 01:36	EPA 8021B
Surrogate: 1,4-Difluorobenzene	110 %	80-120			P1D0909	04/09/21 13:23	04/10/21 01:36	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.00	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 16:33	EPA 300.0
% Moisture	ND	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 02:18	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 02:18	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 02:18	TPH 8015M
Surrogate: 1-Chlorooctane	103 %	70-130			P1D0712	04/07/21 16:09	04/08/21 02:18	TPH 8015M
Surrogate: o-Terphenyl	105 %	70-130			P1D0712	04/07/21 16:09	04/08/21 02:18	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 02:18	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

SSW-24 @ 1'
1D06003-32 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:57	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:57	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:57	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:57	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 01:57	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P1D0909	04/09/21 13:23	04/10/21 01:57	EPA 8021B
Surrogate: 1,4-Difluorobenzene	107 %	80-120			P1D0909	04/09/21 13:23	04/10/21 01:57	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 16:49	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 02:41	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 02:41	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 02:41	TPH 8015M
Surrogate: 1-Chlorooctane	93.7 %	70-130			P1D0712	04/07/21 16:09	04/08/21 02:41	TPH 8015M
Surrogate: o-Terphenyl	97.4 %	70-130			P1D0712	04/07/21 16:09	04/08/21 02:41	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 02:41	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ESW-24 @ 1'
1D06003-33 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:17	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:17	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:17	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:17	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:17	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0909	04/09/21 13:23	04/10/21 02:17	EPA 8021B
Surrogate: 4-Bromofluorobenzene	110 %	80-120			P1D0909	04/09/21 13:23	04/10/21 02:17	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1D0808	04/08/21 12:46	04/09/21 17:06	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:04	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:04	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:04	TPH 8015M
Surrogate: 1-Chlorooctane	96.6 %	70-130			P1D0712	04/07/21 16:09	04/08/21 03:04	TPH 8015M
Surrogate: o-Terphenyl	100 %	70-130			P1D0712	04/07/21 16:09	04/08/21 03:04	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 03:04	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

WSW-24 @ 1'
1D06003-34 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:38	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:38	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:38	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:38	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:38	EPA 8021B
Surrogate: 1,4-Difluorobenzene	110 %	80-120			P1D0909	04/09/21 13:23	04/10/21 02:38	EPA 8021B
Surrogate: 4-Bromofluorobenzene	113 %	80-120			P1D0909	04/09/21 13:23	04/10/21 02:38	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	3.87	1.01	mg/kg dry	1	P1D0802	04/08/21 08:35	04/08/21 15:30	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:27	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:27	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:27	TPH 8015M
Surrogate: 1-Chlorooctane	97.9 %	70-130			P1D0712	04/07/21 16:09	04/08/21 03:27	TPH 8015M
Surrogate: o-Terphenyl	101 %	70-130			P1D0712	04/07/21 16:09	04/08/21 03:27	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 03:27	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-25 @ 1'
1D06003-35 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:49	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:49	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 03:49	TPH 8015M
Surrogate: 1-Chlorooctane	99.7 %		70-130		P1D0712	04/07/21 16:09	04/08/21 03:49	TPH 8015M
Surrogate: o-Terphenyl	103 %		70-130		P1D0712	04/07/21 16:09	04/08/21 03:49	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 03:49	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

NSW-25 @ 1'
1D06003-36 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:58	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:58	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:58	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:58	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 02:58	EPA 8021B
Surrogate: 4-Bromofluorobenzene	110 %	80-120			P1D0909	04/09/21 13:23	04/10/21 02:58	EPA 8021B
Surrogate: 1,4-Difluorobenzene	108 %	80-120			P1D0909	04/09/21 13:23	04/10/21 02:58	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	3.23	1.00	mg/kg dry	1	P1D0802	04/08/21 08:35	04/08/21 15:50	EPA 300.0
% Moisture	ND	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:12	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:12	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:12	TPH 8015M
Surrogate: 1-Chlorooctane	98.0 %	70-130			P1D0712	04/07/21 16:09	04/08/21 04:12	TPH 8015M
Surrogate: o-Terphenyl	101 %	70-130			P1D0712	04/07/21 16:09	04/08/21 04:12	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 04:12	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

SSW-25 @ 1'
1D06003-37 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 03:19	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 03:19	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 03:19	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 03:19	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 03:19	EPA 8021B
Surrogate: 1,4-Difluorobenzene	107 %	80-120			P1D0909	04/09/21 13:23	04/10/21 03:19	EPA 8021B
Surrogate: 4-Bromofluorobenzene	112 %	80-120			P1D0909	04/09/21 13:23	04/10/21 03:19	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	9.52	1.01	mg/kg dry	1	P1D0802	04/08/21 08:35	04/08/21 16:48	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:34	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:34	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:34	TPH 8015M
Surrogate: 1-Chlorooctane	106 %	70-130			P1D0712	04/07/21 16:09	04/08/21 04:34	TPH 8015M
Surrogate: o-Terphenyl	110 %	70-130			P1D0712	04/07/21 16:09	04/08/21 04:34	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 04:34	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

WSW-25 @ 1'
1D06003-38 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 04:21	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 04:21	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 04:21	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 04:21	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P1D0909	04/09/21 13:23	04/10/21 04:21	EPA 8021B
Surrogate: 4-Bromofluorobenzene	107 %	80-120			P1D0909	04/09/21 13:23	04/10/21 04:21	EPA 8021B
Surrogate: 1,4-Difluorobenzene	106 %	80-120			P1D0909	04/09/21 13:23	04/10/21 04:21	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

Chloride	6.02	1.01	mg/kg dry	1	P1D0802	04/08/21 08:35	04/08/21 17:08	EPA 300.0
% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:57	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:57	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 04:57	TPH 8015M
Surrogate: 1-Chlorooctane	104 %	70-130			P1D0712	04/07/21 16:09	04/08/21 04:57	TPH 8015M
Surrogate: o-Terphenyl	108 %	70-130			P1D0712	04/07/21 16:09	04/08/21 04:57	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 04:57	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

Stockpile
1D06003-39 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1D0705	04/07/21 12:06	04/07/21 12:49	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	35.9	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 05:20	TPH 8015M
>C12-C28	1190	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 05:20	TPH 8015M
>C28-C35	197	25.3	mg/kg dry	1	P1D0712	04/07/21 16:09	04/08/21 05:20	TPH 8015M
<i>Surrogate: 1-Chlorooctane</i>	<i>98.0 %</i>		<i>70-130</i>		<i>P1D0712</i>	<i>04/07/21 16:09</i>	<i>04/08/21 05:20</i>	<i>TPH 8015M</i>
<i>Surrogate: o-Terphenyl</i>	<i>96.6 %</i>		<i>70-130</i>		<i>P1D0712</i>	<i>04/07/21 16:09</i>	<i>04/08/21 05:20</i>	<i>TPH 8015M</i>
Total Petroleum Hydrocarbon C6-C35	1420	25.3	mg/kg dry	1	[CALC]	04/07/21 16:09	04/08/21 05:20	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0811 - * DEFAULT PREP *****

Blank (P1D0811-BLK1)

Prepared: 04/08/21 Analyzed: 04/09/21

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	0.131		"	0.120		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.139		"	0.120		116	80-120			

LCS (P1D0811-BS1)

Prepared: 04/08/21 Analyzed: 04/09/21

Benzene	0.102	0.00100	mg/kg wet	0.100		102	70-130			
Toluene	0.0948	0.00100	"	0.100		94.8	70-130			
Ethylbenzene	0.0813	0.00100	"	0.100		81.3	70-130			
Xylene (p/m)	0.175	0.00200	"	0.200		87.7	70-130			
Xylene (o)	0.0860	0.00100	"	0.100		86.0	70-130			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			

LCS Dup (P1D0811-BSD1)

Prepared: 04/08/21 Analyzed: 04/09/21

Benzene	0.0932	0.00100	mg/kg wet	0.100		93.2	70-130	8.90	20	
Toluene	0.0886	0.00100	"	0.100		88.6	70-130	6.85	20	
Ethylbenzene	0.0803	0.00100	"	0.100		80.3	70-130	1.27	20	
Xylene (p/m)	0.168	0.00200	"	0.200		84.2	70-130	4.04	20	
Xylene (o)	0.0804	0.00100	"	0.100		80.4	70-130	6.63	20	
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			

Calibration Blank (P1D0811-CCB1)

Prepared: 04/08/21 Analyzed: 04/09/21

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	0.133		"	0.120		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.138		"	0.120		115	80-120			

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0811 - * DEFAULT PREP *****

Calibration Blank (P1D0811-CCB2)

Prepared: 04/08/21 Analyzed: 04/09/21

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	0.124		"	0.120		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			

Calibration Check (P1D0811-CCV1)

Prepared: 04/08/21 Analyzed: 04/09/21

Benzene	0.0927	0.00100	mg/kg wet	0.100		92.7	80-120			
Toluene	0.0876	0.00100	"	0.100		87.6	80-120			
Ethylbenzene	0.0830	0.00100	"	0.100		83.0	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		87.9	80-120			
Xylene (o)	0.0822	0.00100	"	0.100		82.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	75-125			

Calibration Check (P1D0811-CCV2)

Prepared: 04/08/21 Analyzed: 04/09/21

Benzene	0.0941	0.00100	mg/kg wet	0.100		94.1	80-120			
Toluene	0.0910	0.00100	"	0.100		91.0	80-120			
Ethylbenzene	0.0900	0.00100	"	0.100		90.0	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.7	80-120			
Xylene (o)	0.0856	0.00100	"	0.100		85.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	75-125			

Calibration Check (P1D0811-CCV3)

Prepared: 04/08/21 Analyzed: 04/09/21

Benzene	0.0969	0.00100	mg/kg wet	0.100		96.9	80-120			
Toluene	0.0925	0.00100	"	0.100		92.5	80-120			
Ethylbenzene	0.0878	0.00100	"	0.100		87.8	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.7	80-120			
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.7	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0811 - * DEFAULT PREP *****

Matrix Spike (P1D0811-MS1)		Source: 1D01010-03		Prepared: 04/08/21		Analyzed: 04/09/21				
Benzene	0.0749	0.00114	mg/kg dry	0.114	0.00148	64.6	80-120			QM-07
Toluene	0.0550	0.00114	"	0.114	0.00364	45.2	80-120			QM-07
Ethylbenzene	0.0470	0.00114	"	0.114	0.00810	34.2	80-120			QM-07
Xylene (p/m)	0.0678	0.00227	"	0.227	0.0160	22.8	80-120			QM-07
Xylene (o)	0.0493	0.00114	"	0.114	0.00818	36.2	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.141		"	0.136		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.147		"	0.136		108	80-120			

Matrix Spike Dup (P1D0811-MSD1)		Source: 1D01010-03		Prepared: 04/08/21		Analyzed: 04/09/21				
Benzene	0.0839	0.00114	mg/kg dry	0.114	0.00148	72.5	80-120	11.6	20	QM-07
Toluene	0.0650	0.00114	"	0.114	0.00364	54.0	80-120	17.6	20	QM-07
Ethylbenzene	0.0545	0.00114	"	0.114	0.00810	40.9	80-120	17.7	20	QM-07
Xylene (p/m)	0.0879	0.00227	"	0.227	0.0160	31.6	80-120	32.4	20	QM-07
Xylene (o)	0.0529	0.00114	"	0.114	0.00818	39.3	80-120	8.28	20	QM-07
Surrogate: 1,4-Difluorobenzene	0.148		"	0.136		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.159		"	0.136		116	80-120			

Batch P1D0909 - * DEFAULT PREP *****

Blank (P1D0909-BLK1)				Prepared & Analyzed: 04/09/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0909 - * DEFAULT PREP *****

LCS (P1D0909-BS1)

Prepared & Analyzed: 04/09/21

Benzene	0.0976	0.00100	mg/kg wet	0.100		97.6	70-130			
Toluene	0.0909	0.00100	"	0.100		90.9	70-130			
Ethylbenzene	0.0815	0.00100	"	0.100		81.5	70-130			
Xylene (p/m)	0.171	0.00200	"	0.200		85.7	70-130			
Xylene (o)	0.0817	0.00100	"	0.100		81.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

LCS Dup (P1D0909-BS1)

Prepared & Analyzed: 04/09/21

Benzene	0.0913	0.00100	mg/kg wet	0.100		91.3	70-130	6.67	20	
Toluene	0.0852	0.00100	"	0.100		85.2	70-130	6.58	20	
Ethylbenzene	0.0812	0.00100	"	0.100		81.2	70-130	0.467	20	
Xylene (p/m)	0.172	0.00200	"	0.200		86.0	70-130	0.390	20	
Xylene (o)	0.0804	0.00100	"	0.100		80.4	70-130	1.53	20	
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Calibration Blank (P1D0909-CCB1)

Prepared & Analyzed: 04/09/21

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	0.126		"	0.120		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		108	80-120			

Calibration Blank (P1D0909-CCB2)

Prepared: 04/09/21 Analyzed: 04/10/21

Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0909 - * DEFAULT PREP *****

Calibration Check (P1D0909-CCV1)

Prepared & Analyzed: 04/09/21

Benzene	0.0985	0.00100	mg/kg wet	0.100		98.5	80-120			
Toluene	0.0910	0.00100	"	0.100		91.0	80-120			
Ethylbenzene	0.0876	0.00100	"	0.100		87.6	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.7	80-120			
Xylene (o)	0.0872	0.00100	"	0.100		87.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			

Calibration Check (P1D0909-CCV2)

Prepared: 04/09/21 Analyzed: 04/10/21

Benzene	0.0978	0.00100	mg/kg wet	0.100		97.8	80-120			
Toluene	0.0901	0.00100	"	0.100		90.1	80-120			
Ethylbenzene	0.0872	0.00100	"	0.100		87.2	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.6	80-120			
Xylene (o)	0.0858	0.00100	"	0.100		85.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	75-125			

Calibration Check (P1D0909-CCV3)

Prepared: 04/09/21 Analyzed: 04/10/21

Benzene	0.0945	0.00100	mg/kg wet	0.100		94.5	80-120			
Toluene	0.0892	0.00100	"	0.100		89.2	80-120			
Ethylbenzene	0.0873	0.00100	"	0.100		87.3	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		91.2	80-120			
Xylene (o)	0.0843	0.00100	"	0.100		84.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	75-125			

Matrix Spike (P1D0909-MS1)

Source: 1D06003-26

Prepared: 04/09/21 Analyzed: 04/10/21

Benzene	0.0863	0.00101	mg/kg dry	0.101	ND	85.4	80-120			
Toluene	0.0808	0.00101	"	0.101	ND	80.0	80-120			
Ethylbenzene	0.0702	0.00101	"	0.101	ND	69.5	80-120			QM-07
Xylene (p/m)	0.155	0.00202	"	0.202	ND	76.5	80-120			QM-07
Xylene (o)	0.0722	0.00101	"	0.101	ND	71.5	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	0.126		"	0.121		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.132		"	0.121		109	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

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
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Batch P1D0909 - * DEFAULT PREP *****

Matrix Spike Dup (P1D0909-MSD1)		Source: 1D06003-26		Prepared: 04/09/21		Analyzed: 04/10/21				
Benzene	0.0808	0.00101	mg/kg dry	0.101	ND	80.0	80-120	6.50	20	
Toluene	0.0734	0.00101	"	0.101	ND	72.6	80-120	9.67	20	QM-07
Ethylbenzene	0.0646	0.00101	"	0.101	ND	64.0	80-120	8.26	20	QM-07
Xylene (p/m)	0.143	0.00202	"	0.202	ND	70.8	80-120	7.76	20	QM-07
Xylene (o)	0.0672	0.00101	"	0.101	ND	66.5	80-120	7.22	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.127		"	0.121		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.121		102	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

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
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Batch P1D0705 - * DEFAULT PREP *****

Blank (P1D0705-BLK1)	Prepared & Analyzed: 04/07/21									
% Moisture	ND	0.1	%							
Blank (P1D0705-BLK2)	Prepared & Analyzed: 04/07/21									
% Moisture	ND	0.1	%							
Blank (P1D0705-BLK3)	Prepared & Analyzed: 04/07/21									
% Moisture	ND	0.1	%							
Blank (P1D0705-BLK4)	Prepared & Analyzed: 04/07/21									
% Moisture	ND	0.1	%							
Blank (P1D0705-BLK5)	Prepared & Analyzed: 04/07/21									
% Moisture	ND	0.1	%							
Blank (P1D0705-BLK6)	Prepared & Analyzed: 04/07/21									
% Moisture	ND	0.1	%							
Duplicate (P1D0705-DUP1)	Source: 1D06001-10		Prepared & Analyzed: 04/07/21							
% Moisture	15.0	0.1	%		16.0			6.45	20	
Duplicate (P1D0705-DUP2)	Source: 1D06001-20		Prepared & Analyzed: 04/07/21							
% Moisture	11.0	0.1	%		10.0			9.52	20	
Duplicate (P1D0705-DUP3)	Source: 1D06002-05		Prepared & Analyzed: 04/07/21							
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P1D0705-DUP4)	Source: 1D06002-15		Prepared & Analyzed: 04/07/21							
% Moisture	13.0	0.1	%		13.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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 13000 West County Road 100
 Odessa TX, 79765

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

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
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Batch P1D0705 - * DEFAULT PREP *****

Duplicate (P1D0705-DUP5)	Source: 1D06002-30		Prepared & Analyzed: 04/07/21							
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P1D0705-DUP6)	Source: 1D06002-40		Prepared & Analyzed: 04/07/21							
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P1D0705-DUP7)	Source: 1D06003-13		Prepared & Analyzed: 04/07/21							
% Moisture	ND	0.1	%		1.0			200	20	
Duplicate (P1D0705-DUP8)	Source: 1D06003-23		Prepared & Analyzed: 04/07/21							
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1D0705-DUP9)	Source: 1D06003-38		Prepared & Analyzed: 04/07/21							
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1D0705-DUPA)	Source: 1D06005-06		Prepared & Analyzed: 04/07/21							
% Moisture	3.0	0.1	%		3.0			0.00	20	

Batch P1D0802 - * DEFAULT PREP *****

Blank (P1D0802-BLK1)	Prepared & Analyzed: 04/08/21									
Chloride	ND	1.00	mg/kg wet							
LCS (P1D0802-BS1)	Prepared & Analyzed: 04/08/21									
Chloride	398	1.00	mg/kg wet	400		99.5	90-110			
LCS Dup (P1D0802-BSD1)	Prepared & Analyzed: 04/08/21									
Chloride	402	1.00	mg/kg wet	400		100	90-110	0.913	20	

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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 P1D0802 - *** DEFAULT PREP ***										
Calibration Check (P1D0802-CCV1)				Prepared & Analyzed: 04/08/21						
Chloride	20.1		mg/kg	20.0		101	90-110			
Calibration Check (P1D0802-CCV2)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	20.4		mg/kg	20.0		102	90-110			
Calibration Check (P1D0802-CCV3)				Prepared & Analyzed: 04/08/21						
Chloride	20.2		mg/kg	20.0		101	90-110			
Matrix Spike (P1D0802-MS1)		Source: 1D07006-01		Prepared & Analyzed: 04/08/21						
Chloride	608	1.06	mg/kg dry	532	41.3	107	80-120			
Matrix Spike (P1D0802-MS2)		Source: 1D06003-36		Prepared & Analyzed: 04/08/21						
Chloride	475	1.00	mg/kg dry	500	3.23	94.4	80-120			
Matrix Spike Dup (P1D0802-MSD1)		Source: 1D07006-01		Prepared & Analyzed: 04/08/21						
Chloride	609	1.06	mg/kg dry	532	41.3	107	80-120	0.222	20	
Matrix Spike Dup (P1D0802-MSD2)		Source: 1D06003-36		Prepared & Analyzed: 04/08/21						
Chloride	486	1.00	mg/kg dry	500	3.23	96.6	80-120	2.35	20	
Batch P1D0807 - *** DEFAULT PREP ***										
Blank (P1D0807-BLK1)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1D0807-BS1)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	387	1.00	mg/kg wet	400		96.7	90-110			

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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 P1D0807 - *** DEFAULT PREP ***										
LCS Dup (P1D0807-BSD1)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	386	1.00	mg/kg wet	400		96.5	90-110	0.189	20	
Calibration Check (P1D0807-CCV1)				Prepared & Analyzed: 04/08/21						
Chloride	19.0		mg/kg	20.0		95.1	90-110			
Calibration Check (P1D0807-CCV2)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	19.1		mg/kg	20.0		95.6	90-110			
Calibration Check (P1D0807-CCV3)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	18.8		mg/kg	20.0		94.2	90-110			
Matrix Spike (P1D0807-MS1)		Source: 1D05009-05		Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	8880	25.0	mg/kg dry	2500	6420	98.0	80-120			
Matrix Spike (P1D0807-MS2)		Source: 1D06001-25		Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	531	1.14	mg/kg dry	568	5.16	92.5	80-120			
Matrix Spike Dup (P1D0807-MSD1)		Source: 1D05009-05		Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	8790	25.0	mg/kg dry	2500	6420	94.5	80-120	1.02	20	
Matrix Spike Dup (P1D0807-MSD2)		Source: 1D06001-25		Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	568	1.14	mg/kg dry	568	5.16	99.1	80-120	6.85	20	
Batch P1D0808 - *** DEFAULT PREP ***										
Blank (P1D0808-BLK1)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	ND	1.00	mg/kg wet							

Permian Basin Environmental Lab, L.P.

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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 P1D0808 - *** DEFAULT PREP ***										
LCS (P1D0808-BS1)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	391	1.00	mg/kg wet	400		97.9	90-110			
LCS Dup (P1D0808-BSD1)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	388	1.00	mg/kg wet	400		97.1	90-110	0.805	20	
Calibration Check (P1D0808-CCV1)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	18.8		mg/kg	20.0		94.2	90-110			
Calibration Check (P1D0808-CCV2)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	19.1		mg/kg	20.0		95.3	90-110			
Calibration Check (P1D0808-CCV3)				Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	19.3		mg/kg	20.0		96.7	90-110			
Matrix Spike (P1D0808-MS1)		Source: 1D06003-07		Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	463	1.01	mg/kg dry	505	9.11	89.9	80-120			
Matrix Spike (P1D0808-MS2)		Source: 1D06003-22		Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	472	1.01	mg/kg dry	505	ND	93.4	80-120			
Matrix Spike Dup (P1D0808-MSD1)		Source: 1D06003-07		Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	483	1.01	mg/kg dry	505	9.11	93.8	80-120	4.06	20	
Matrix Spike Dup (P1D0808-MSD2)		Source: 1D06003-22		Prepared: 04/08/21 Analyzed: 04/09/21						
Chloride	471	1.01	mg/kg dry	505	ND	93.3	80-120	0.148	20	

Permian Basin Environmental Lab, L.P.

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0707 - TX 1005

Blank (P1D0707-BLK1)

Prepared: 04/07/21 Analyzed: 04/08/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	91.4		"	100		91.4	70-130			
Surrogate: o-Terphenyl	49.0		"	50.0		98.0	70-130			

LCS (P1D0707-BS1)

Prepared: 04/07/21 Analyzed: 04/08/21

C6-C12	980	25.0	mg/kg wet	1000		98.0	75-125			
>C12-C28	1040	25.0	"	1000		104	75-125			
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	50.7		"	50.0		101	70-130			

LCS Dup (P1D0707-BSD1)

Prepared: 04/07/21 Analyzed: 04/08/21

C6-C12	969	25.0	mg/kg wet	1000		96.9	75-125	1.08	20	
>C12-C28	1040	25.0	"	1000		104	75-125	0.617	20	
Surrogate: 1-Chlorooctane	99.8		"	100		99.8	70-130			
Surrogate: o-Terphenyl	53.4		"	50.0		107	70-130			

Calibration Check (P1D0707-CCV1)

Prepared: 04/07/21 Analyzed: 04/08/21

C6-C12	467	25.0	mg/kg wet	500		93.5	85-115			
>C12-C28	512	25.0	"	500		102	85-115			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	50.4		"	50.0		101	70-130			

Calibration Check (P1D0707-CCV2)

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	476	25.0	mg/kg wet	500		95.2	85-115			
>C12-C28	494	25.0	"	500		98.8	85-115			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	50.5		"	50.0		101	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0707 - TX 1005

Calibration Check (P1D0707-CCV3)

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	447	25.0	mg/kg wet	500		89.5	85-115			
>C12-C28	501	25.0	"	500		100	85-115			
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	47.5		"	50.0		95.1	70-130			

Matrix Spike (P1D0707-MS1)

Source: 1D06003-01

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	843	25.0	mg/kg dry	1000	ND	84.3	75-125			
>C12-C28	940	25.0	"	1000	31.4	90.9	75-125			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	49.5		"	50.0		99.0	70-130			

Matrix Spike Dup (P1D0707-MSD1)

Source: 1D06003-01

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	831	25.0	mg/kg dry	1000	ND	83.1	75-125	1.46	20	
>C12-C28	928	25.0	"	1000	31.4	89.6	75-125	1.38	20	
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	42.6		"	50.0		85.3	70-130			

Batch P1D0708 - TX 1005

Blank (P1D0708-BLK1)

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	85.1		"	100		85.1	70-130			
Surrogate: o-Terphenyl	44.7		"	50.0		89.5	70-130			

LCS (P1D0708-BS1)

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	859	25.0	mg/kg wet	1000		85.9	75-125			
>C12-C28	889	25.0	"	1000		88.9	75-125			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	47.5		"	50.0		95.1	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0708 - TX 1005

LCS Dup (P1D0708-BSD1)

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	859	25.0	mg/kg wet	1000		85.9	75-125	0.0535	20	
>C12-C28	921	25.0	"	1000		92.1	75-125	3.49	20	
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	49.2		"	50.0		98.3	70-130			

Calibration Check (P1D0708-CCV1)

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	445	25.0	mg/kg wet	500		89.0	85-115			
>C12-C28	452	25.0	"	500		90.3	85-115			
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	45.5		"	50.0		90.9	70-130			

Calibration Check (P1D0708-CCV2)

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	431	25.0	mg/kg wet	500		86.2	85-115			
>C12-C28	449	25.0	"	500		89.9	85-115			
Surrogate: 1-Chlorooctane	96.1		"	100		96.1	70-130			
Surrogate: o-Terphenyl	42.7		"	50.0		85.4	70-130			

Matrix Spike (P1D0708-MS1)

Source: 1D06003-21

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	890	25.3	mg/kg dry	1010	ND	88.1	75-125			
>C12-C28	988	25.3	"	1010	ND	97.8	75-125			
Surrogate: 1-Chlorooctane	121		"	101		119	70-130			
Surrogate: o-Terphenyl	46.9		"	50.5		92.9	70-130			

Matrix Spike Dup (P1D0708-MSD1)

Source: 1D06003-21

Prepared: 04/07/21 Analyzed: 04/09/21

C6-C12	918	25.3	mg/kg dry	1010	ND	90.9	75-125	3.10	20	
>C12-C28	1000	25.3	"	1010	ND	99.2	75-125	1.50	20	
Surrogate: 1-Chlorooctane	123		"	101		122	70-130			
Surrogate: o-Terphenyl	47.5		"	50.5		94.1	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0712 - TX 1005

Blank (P1D0712-BLK1)

Prepared & Analyzed: 04/07/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	96.4		"	100		96.4	70-130			
Surrogate: o-Terphenyl	49.2		"	50.0		98.5	70-130			

LCS (P1D0712-BS1)

Prepared & Analyzed: 04/07/21

C6-C12	963	25.0	mg/kg wet	1000		96.3	75-125			
>C12-C28	1010	25.0	"	1000		101	75-125			
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	50.0		"	50.0		100	70-130			

LCS Dup (P1D0712-BSD1)

Prepared & Analyzed: 04/07/21

C6-C12	1010	25.0	mg/kg wet	1000		101	75-125	4.51	20	
>C12-C28	1020	25.0	"	1000		102	75-125	0.953	20	
Surrogate: 1-Chlorooctane	98.9		"	100		98.9	70-130			
Surrogate: o-Terphenyl	54.8		"	50.0		110	70-130			

Calibration Check (P1D0712-CCV1)

Prepared & Analyzed: 04/07/21

C6-C12	478	25.0	mg/kg wet	500		95.6	85-115			
>C12-C28	479	25.0	"	500		95.7	85-115			
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	47.3		"	50.0		94.5	70-130			

Calibration Check (P1D0712-CCV2)

Prepared: 04/07/21 Analyzed: 04/08/21

C6-C12	434	25.0	mg/kg wet	500		86.8	85-115			
>C12-C28	438	25.0	"	500		87.7	85-115			
Surrogate: 1-Chlorooctane	97.3		"	100		97.3	70-130			
Surrogate: o-Terphenyl	42.2		"	50.0		84.5	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1D0712 - TX 1005

Calibration Check (P1D0712-CCV3)

Prepared: 04/07/21 Analyzed: 04/08/21

C6-C12	505	25.0	mg/kg wet	500		101	85-115			
>C12-C28	540	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	115		"	100		115	70-130			
Surrogate: o-Terphenyl	50.3		"	50.0		101	70-130			

Matrix Spike (P1D0712-MS1)

Source: 1D06003-38

Prepared: 04/07/21 Analyzed: 04/08/21

C6-C12	927	25.3	mg/kg dry	1010	ND	91.8	75-125			
>C12-C28	973	25.3	"	1010	19.8	94.3	75-125			
Surrogate: 1-Chlorooctane	122		"	101		121	70-130			
Surrogate: o-Terphenyl	52.5		"	50.5		104	70-130			

Matrix Spike Dup (P1D0712-MSD1)

Source: 1D06003-38

Prepared: 04/07/21 Analyzed: 04/08/21

C6-C12	1120	25.3	mg/kg dry	1010	ND	111	75-125	18.9	20	
>C12-C28	1190	25.3	"	1010	19.8	116	75-125	20.6	20	
Surrogate: 1-Chlorooctane	106		"	101		104	70-130			
Surrogate: o-Terphenyl	56.0		"	50.5		111	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Notes and Definitions

ROI Received on Ice

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

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/2/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

3 of 4

Project Manager: Matt Green

Project Name: Cheddar 3BS Fed Com #1H

Company Name: Etech Environmental and Safety Solutions, Inc.

Project #: 13389

Company Address: 13000 W CR 100

Project Loc: Lea County, NM

City/State/Zip: Odessa, Texas 79765

PO #:

Telephone No: (432)230-3763

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Fax No:

Sampler Signature: ES

e-mail: Matt@etechenv.com
wesley@etechenv.com

(lab use only)

ORDER #: 1D06003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:															
								Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	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, SO ₄ , 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	
21	BH-19 @ 1'			4/1/2021	1445		1	X								S	X														X
22	NSW-19 @ 1'			4/1/2021	1500		1	X								S	X														X
23	ESW-19 @ 1'			4/1/2021	1435		1	X								S	X														X
24	SSW-19 @ 1'			4/5/2021	815		1	X								S	X														X
25	BH-23 @ 1'			4/1/2021	1600		1	X								S	X														X
26	NSW-23 @ 1'			4/1/2021	1545		1	X								S	X														X
27	SSW-23 @ 1'			4/1/2021	1505		1	X								S	X														X
28	ESW-23 @ 1'			4/1/2021	1525		1	X								S	X														X
29	WSW-23 @ 1'			4/1/2021	1610		1	X								S	X														X
30	BH-24 @ 1'			4/1/2021	1425		1	X								S	X														X

Special Instructions:
Bill to Centennial

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	5/6/21	11/13	Received by:	5/6/21	11/13
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered by Sampler/Client Rep.?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: °C

Adjusted: °C Factor

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

4 of 4

Project Manager: Matt Green

Company Name Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432)230-3763

Sampler Signature: FS

e-mail: Matt@etechenv.com
www.slay.com

wesley@detechenv.com

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

PO #

Project Loc: Lea County, NM

Project Name:	Cheddar 3BS Fed Com #11H
Project #:	13389

Page 63 of 63

(lab use only)

ORDER #: 17066003

[illegible]

Special Instructions:
Bill to Centennial

Relinquished by:	Date	Time	Received by
			

[illegible]

	Date	Time	Received by:
Relinquished by:			

Date	Time
------	------

Date	Time
------	------

Date	Time
------	------

Laboratory Comments:	
Sample Containers Intact?	N
VOCs Free of Headspace?	N
Labels on container(s)	N

Custody seals on cooler(s) _____

Sample Hand Delivered X
N

by Courier?	UPS	DHL	FedEx	Home Star
by Sample/Client Rep.:				

Temperature Upon Receipt: _____

Received by OCD: 5/13/2022 12:01:54 PM

Released to Imaging: 9/1/2022 9:28:05 AM

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



Analytical Report Rev. 1

Prepared for:

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

Project: Chedder 3BS Fed Com #1H

Project Number: 13389

Location: Lea County, NM

Lab Order Number: 1E21012



Current Certification

Report Date: 09/02/21

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-10 @ 1.5'	1E21012-01	Soil	05/18/21 13:30	05-21-2021 11:25
Perimeter #9A	1E21012-02	Soil	05/18/21 13:00	05-21-2021 11:25
Perimeter E-12A	1E21012-03	Soil	05/18/21 13:15	05-21-2021 11:25
Stockpile	1E21012-04	Soil	05/18/21 16:00	05-21-2021 11:25

On 09/01/21 PBELAB Staff was advised to make the following changes to sample ID: 1E21012-03: Please rename to:
Perimeter E-12A

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

BH-10 @ 1.5'
1E21012-01 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	1.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 04:26	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 04:26	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 04:26	TPH 8015M
Surrogate: 1-Chlorooctane	85.7 %	70-130			P1E2406	05/24/21 10:20	05/25/21 04:26	TPH 8015M
Surrogate: o-Terphenyl	98.2 %	70-130			P1E2406	05/24/21 10:20	05/25/21 04:26	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 04:26	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

Perimeter #9A
1E21012-02 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	3.0	0.1	%	1	P1E2409	05/24/21 11:59	05/24/21 12:00	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.8	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 04:50	TPH 8015M
>C12-C28	ND	25.8	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 04:50	TPH 8015M
>C28-C35	ND	25.8	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 04:50	TPH 8015M
Surrogate: 1-Chlorooctane	80.5 %	70-130			P1E2406	05/24/21 10:20	05/25/21 04:50	TPH 8015M
Surrogate: o-Terphenyl	92.4 %	70-130			P1E2406	05/24/21 10:20	05/25/21 04:50	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 04:50	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

Perimeter E-12A

1E21012-03 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	2.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 05:13	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 05:13	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 05:13	TPH 8015M
Surrogate: 1-Chlorooctane	86.7 %	70-130			P1E2406	05/24/21 10:20	05/25/21 05:13	TPH 8015M
Surrogate: o-Terphenyl	98.2 %	70-130			P1E2406	05/24/21 10:20	05/25/21 05:13	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 05:13	calc

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

Stockpile
1E21012-04 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	2.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	28.7	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 05:36	TPH 8015M
>C12-C28	1120	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 05:36	TPH 8015M
>C28-C35	179	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 05:36	TPH 8015M
<i>Surrogate: 1-Chlorooctane</i>	<i>81.6 %</i>		<i>70-130</i>		<i>P1E2406</i>	<i>05/24/21 10:20</i>	<i>05/25/21 05:36</i>	<i>TPH 8015M</i>
<i>Surrogate: o-Terphenyl</i>	<i>97.4 %</i>		<i>70-130</i>		<i>P1E2406</i>	<i>05/24/21 10:20</i>	<i>05/25/21 05:36</i>	<i>TPH 8015M</i>
Total Petroleum Hydrocarbon C6-C35	1330	25.5	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 05:36	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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 P1E2408 - *** DEFAULT PREP ***										
Blank (P1E2408-BLK1)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Blank (P1E2408-BLK2)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Blank (P1E2408-BLK3)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Blank (P1E2408-BLK4)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Blank (P1E2408-BLK5)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Blank (P1E2408-BLK6)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Blank (P1E2408-BLK7)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Blank (P1E2408-BLK8)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Blank (P1E2408-BLK9)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
Duplicate (P1E2408-DUP1)	Source: 1E21004-01 Prepared & Analyzed: 05/24/21									
% Moisture	4.0	0.1	%		4.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1E2408 - * DEFAULT PREP *****

Duplicate (P1E2408-DUP2)	Source: 1E21006-01		Prepared & Analyzed: 05/24/21							
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1E2408-DUP3)	Source: 1E21007-10		Prepared & Analyzed: 05/24/21							
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P1E2408-DUP4)	Source: 1E21007-20		Prepared & Analyzed: 05/24/21							
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P1E2408-DUP5)	Source: 1E21010-08		Prepared & Analyzed: 05/24/21							
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P1E2408-DUP6)	Source: 1E21010-18		Prepared & Analyzed: 05/24/21							
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P1E2408-DUP7)	Source: 1E21011-04		Prepared & Analyzed: 05/24/21							
% Moisture	3.0	0.1	%		4.0			28.6	20	
Duplicate (P1E2408-DUP8)	Source: 1E21014-02		Prepared & Analyzed: 05/24/21							
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P1E2408-DUP9)	Source: 1E21016-10		Prepared & Analyzed: 05/24/21							
% Moisture	6.0	0.1	%		7.0			15.4	20	
Duplicate (P1E2408-DUPA)	Source: 1E21019-03		Prepared & Analyzed: 05/24/21							
% Moisture	11.0	0.1	%		10.0			9.52	20	
Duplicate (P1E2408-DUPB)	Source: 1E21019-18		Prepared & Analyzed: 05/24/21							
% Moisture	11.0	0.1	%		11.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
 Project Number: 13389
 Project Manager: Matt Green

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
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Batch P1E2408 - * DEFAULT PREP *****

Duplicate (P1E2408-DUPC)	Source: 1E21019-28		Prepared & Analyzed: 05/24/21							
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P1E2408-DUPD)	Source: 1E21020-01		Prepared & Analyzed: 05/24/21							
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P1E2408-DUPE)	Source: 1E21020-11		Prepared & Analyzed: 05/24/21							
% Moisture	4.0	0.1	%		3.0			28.6	20	
Duplicate (P1E2408-DUPF)	Source: 1E21021-02		Prepared & Analyzed: 05/24/21							
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P1E2408-DUPG)	Source: 1E21021-12		Prepared & Analyzed: 05/24/21							
% Moisture	13.0	0.1	%		11.0			16.7	20	

Batch P1E2409 - * DEFAULT PREP *****

Blank (P1E2409-BLK1)	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1E2406 - TX 1005

Blank (P1E2406-BLK1)

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	82.6		"	100		82.6	70-130			
Surrogate: o-Terphenyl	48.7		"	50.0		97.3	70-130			

LCS (P1E2406-BS1)

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	837	25.0	mg/kg wet	1000		83.7	75-125			
>C12-C28	829	25.0	"	1000		82.9	75-125			
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	50.3		"	50.0		101	70-130			

LCS Dup (P1E2406-BSD1)

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	817	25.0	mg/kg wet	1000		81.7	75-125	2.33	20	
>C12-C28	798	25.0	"	1000		79.8	75-125	3.82	20	
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	47.9		"	50.0		95.8	70-130			

Calibration Check (P1E2406-CCV1)

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	438	25.0	mg/kg wet	500		87.6	85-115			
>C12-C28	451	25.0	"	500		90.1	85-115			
Surrogate: 1-Chlorooctane	99.3		"	100		99.3	70-130			
Surrogate: o-Terphenyl	47.3		"	50.0		94.6	70-130			

Calibration Check (P1E2406-CCV2)

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	490	25.0	mg/kg wet	500		98.1	85-115			
>C12-C28	458	25.0	"	500		91.6	85-115			
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	52.3		"	50.0		105	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

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
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Batch P1E2406 - TX 1005

Calibration Check (P1E2406-CCV3)

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	487	25.0	mg/kg wet	500		97.4	85-115			
>C12-C28	485	25.0	"	500		96.9	85-115			
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	52.3		"	50.0		105	70-130			

Matrix Spike (P1E2406-MS1)

Source: 1E21013-01

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	1190	28.7	mg/kg dry	1150	ND	103	75-125			
>C12-C28	1020	28.7	"	1150	38.7	85.2	75-125			
Surrogate: 1-Chlorooctane	142		"	115		123	70-130			
Surrogate: o-Terphenyl	65.3		"	57.5		114	70-130			

Matrix Spike Dup (P1E2406-MSD1)

Source: 1E21013-01

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	1210	28.7	mg/kg dry	1150	ND	105	75-125	1.59	20	
>C12-C28	1110	28.7	"	1150	38.7	93.3	75-125	9.07	20	
Surrogate: 1-Chlorooctane	107		"	115		92.8	70-130			
Surrogate: o-Terphenyl	58.8		"	57.5		102	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: Chedder 3BS Fed Com #1H
Project Number: 13389
Project Manager: Matt Green

Notes and Definitions

ROI Received on Ice

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By: 

Date: 9/2/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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	
District RP	
Facility ID	38564
Application ID	

Release Notification

Responsible Party

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165
Contact Name: Jamon Hohensee	Contact Telephone: 432-241-4283
Contact email: jamon.hohensee@cdevinc.com	Incident # (assigned by OCD)
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

Location of Release Source

Latitude 32.41402 _____ Longitude -103.70418 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Cheddar 1H	Site Type: Production Facility
Date Release Discovered: 11/2/2020	API# 30-025-44692

Unit Letter	Section	Township	Range	County
M	5	22S	32E	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)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)1	Volume Recovered (bbls)0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

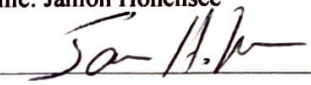
The release was a result of fluid building up in the flare line and being pushed out. The material then ignited and landed adjacent to the flare. The fire self-extinguished.

Incident ID	Page 195 of 202
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? There was a small fire as the result of the material being pushed out the flare.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given to Jim Griswold by email on 11/3/20	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Jamon Hohensee	Title: Sr. Environmental Analyst
Signature: 	Date: 11-17-20
email: jamon.hohensee@cdevinc.com	Telephone: 432-241-4283
OCD Only	
Received by: _____	Date: _____

Incident ID	nRM2033536188
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?	<u><50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

State of New Mexico
Oil Conservation Division

Incident ID	nRM2033536188
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: Nikki Mishler Title: Sr. Environmental Representative
Signature: *Nikki Mishler* Date: 5/13/22
email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

OCD Only

Received by: _____ Date: _____

District RP	
Facility ID	
Application ID	

Incident ID NRM2033536188

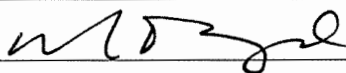
Closure

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: MONTGOMERY FLOYD Title: SR ENV ANALYST
Signature:  Date: 10-8-21
email: _____ Telephone: _____

OCD Only

Received by: Robert Hamlet Date: 3/10/2022

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: Denied Date: 3/10/2022
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	nRM2033536188
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: Nikki Mishler Title: Senior Environmental Representative

Signature:  Date: 5/13/2022

email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Wesley Desilets

From: Nikki Mishler <Nikki.Mishler@cdevinc.com>
Sent: Tuesday, April 26, 2022 10:43 AM
To: Wesley Desilets
Subject: FW: -EXTERNAL- The Oil Conservation Division (OCD) has rejected the application, Application ID: 54902

From: Montgomery Floyd <Montgomery.Floyd@cdevinc.com>
Sent: Thursday, March 10, 2022 10:08 AM
To: Nikki Mishler <Nikki.Mishler@cdevinc.com>
Subject: FW: -EXTERNAL- The Oil Conservation Division (OCD) has rejected the application, Application ID: 54902

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, March 10, 2022 10:03 AM
To: Montgomery Floyd <Montgomery.Floyd@cdevinc.com>
Subject: -EXTERNAL- The Oil Conservation Division (OCD) has rejected the application, Application ID: 54902

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

To whom it may concern (c/o Montgomery Floyd 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#) nRM2033536188, for the following reasons:

- **The Closure Report is denied. ETech's mixing and blending technique was not adequately defined, however, blending soils to obtain desired analytical results is not an OCD approved remedial method. ETech will have 30 days to resubmit a Closure Report to the payment portal.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 54902.

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,
Robert Hamlet
575-748-1283
Robert.Hamlet@state.nm.us

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

CAUTION: This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

State of New Mexico
Oil Conservation Division

Incident ID	nRM2033536188
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: Nikki Mishler

Title: Senior Environmental Representative

Signature: 

Date: 5/13/2022

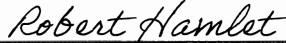
email: Nikki.Mishler@cdevinc.com

Telephone: 432-634-8722

OCD Only

Received by: Robert Hamlet Date: 9/1/2022

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

Signature: 

Date: 9/1/2022

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 106732

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 106732
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Approved. Your request for a 90-day extension to December 1st, 2022 is approved. Please include this e-mail correspondence in the closure report.	9/1/2022