



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](mailto: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,

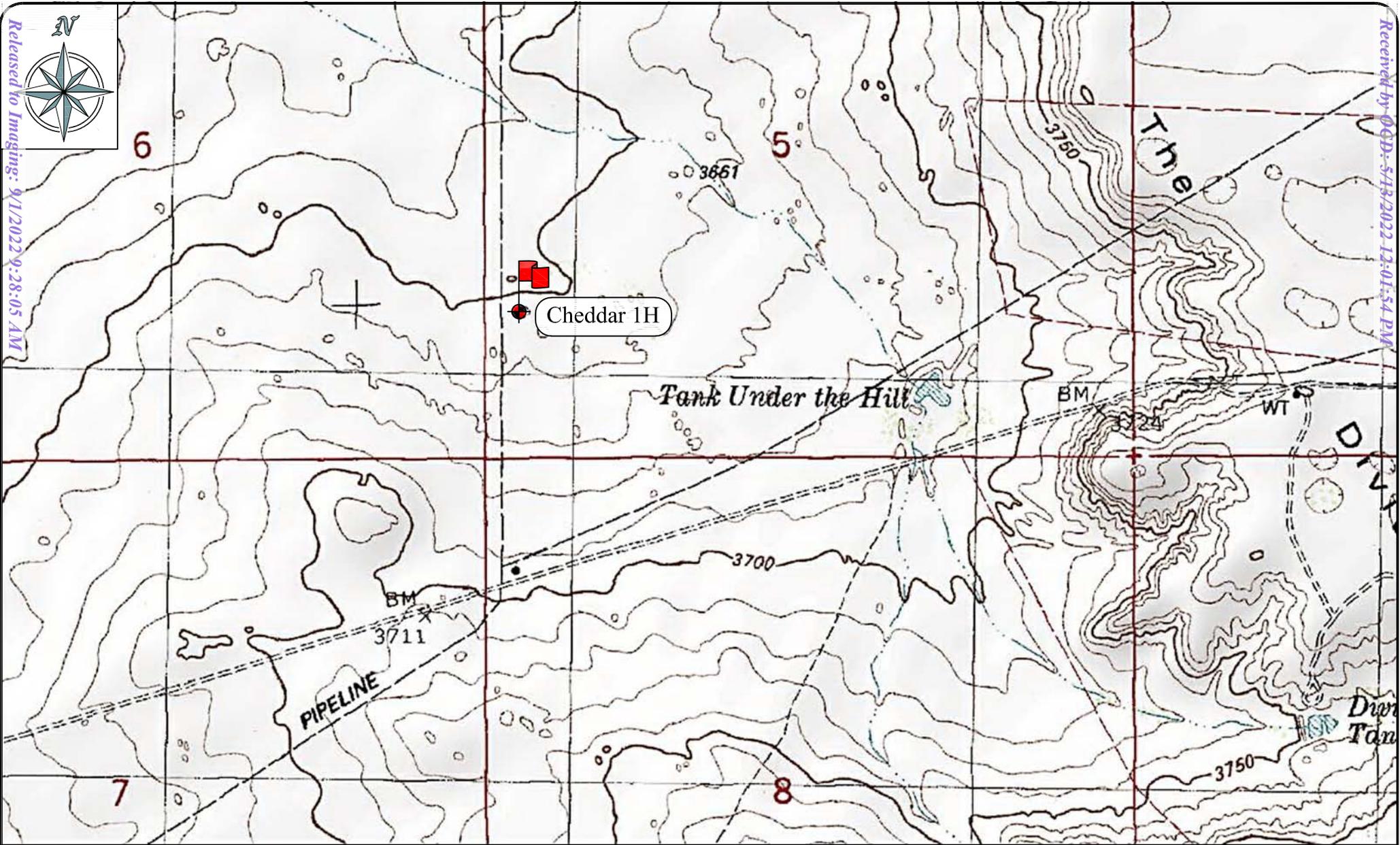


Jeffrey Kindley, P.G.  
Senior Project Manager/Geologist  
Etech Environmental & Safety Solutions, Inc.

**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



Scale 1: 14,400



1" = 136.2 ft Data Zoom 13-7

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

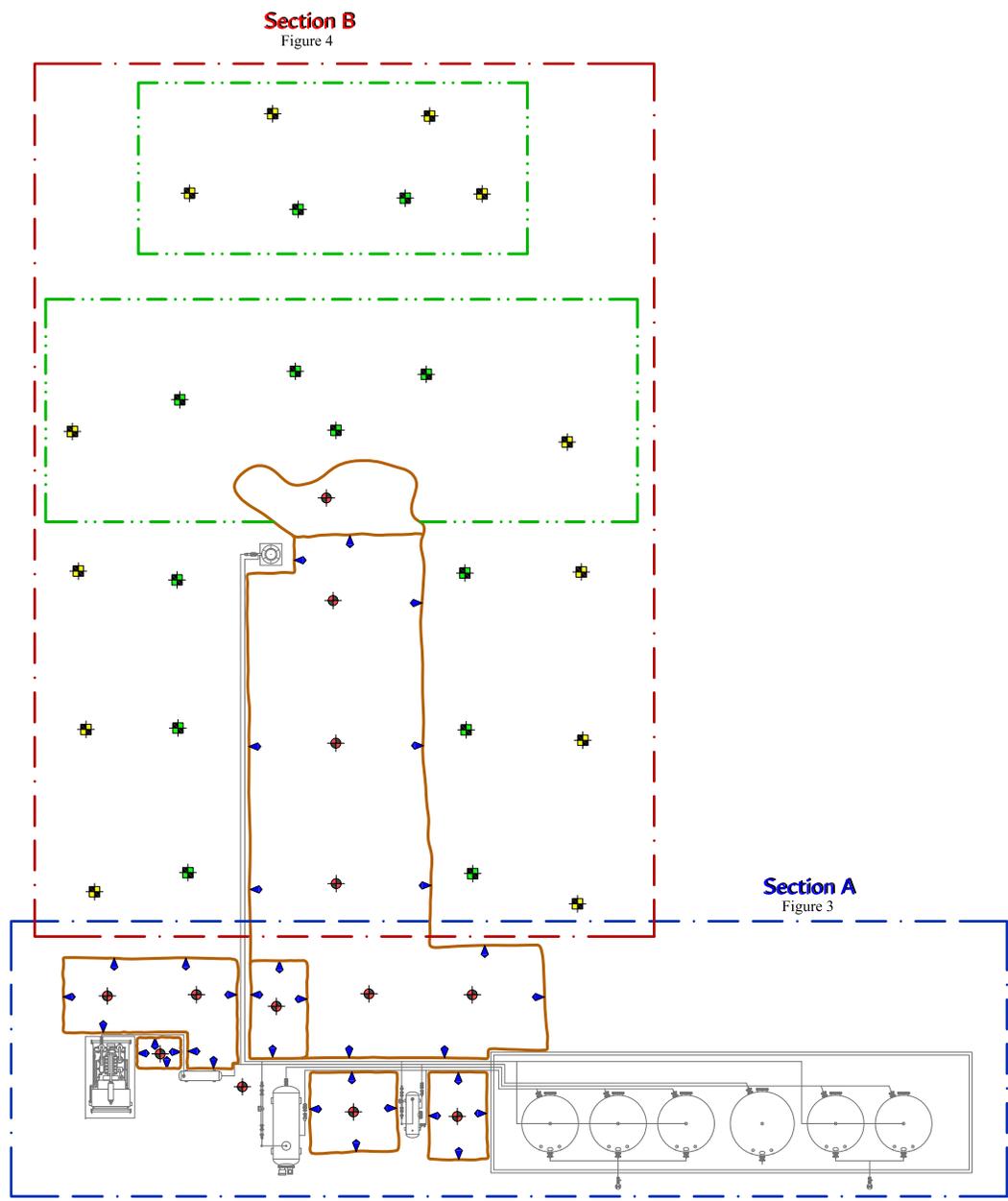
Legend

 = Site Location



CDEV ID No.:  
40950

Figure 1



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

**Legend**

- = Bottom Hole Sample Point
- = Sample Point
- = Perimeter Sample Point
- = Side Wall Sample Point
- = Excavation Perimeter
- = Cosmetically Remediated

0 50 100  
Feet

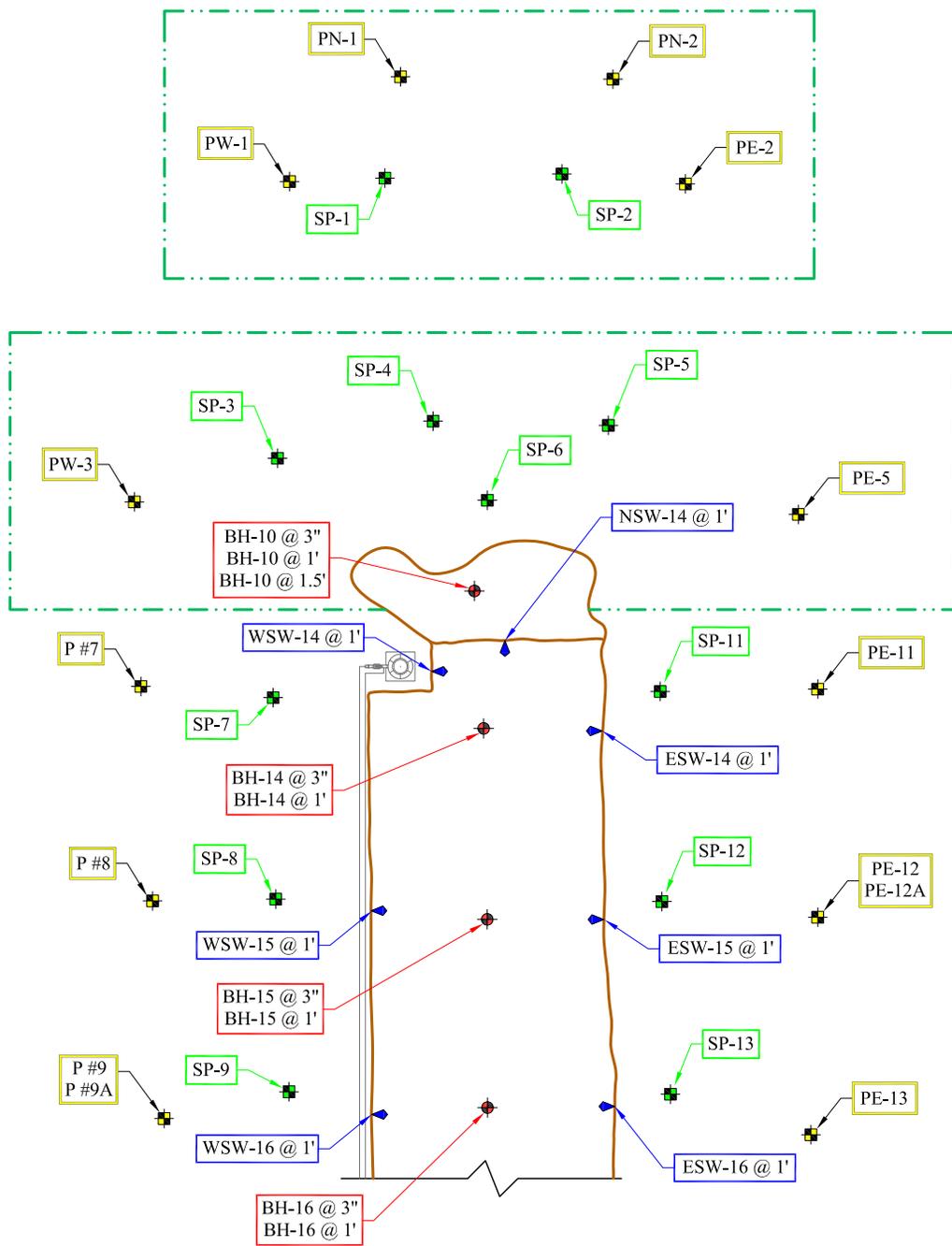
**ETECH**  
 Environmental & Safety Solutions, Inc.

CDEV ID No.:  
 40950

Figure 2

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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

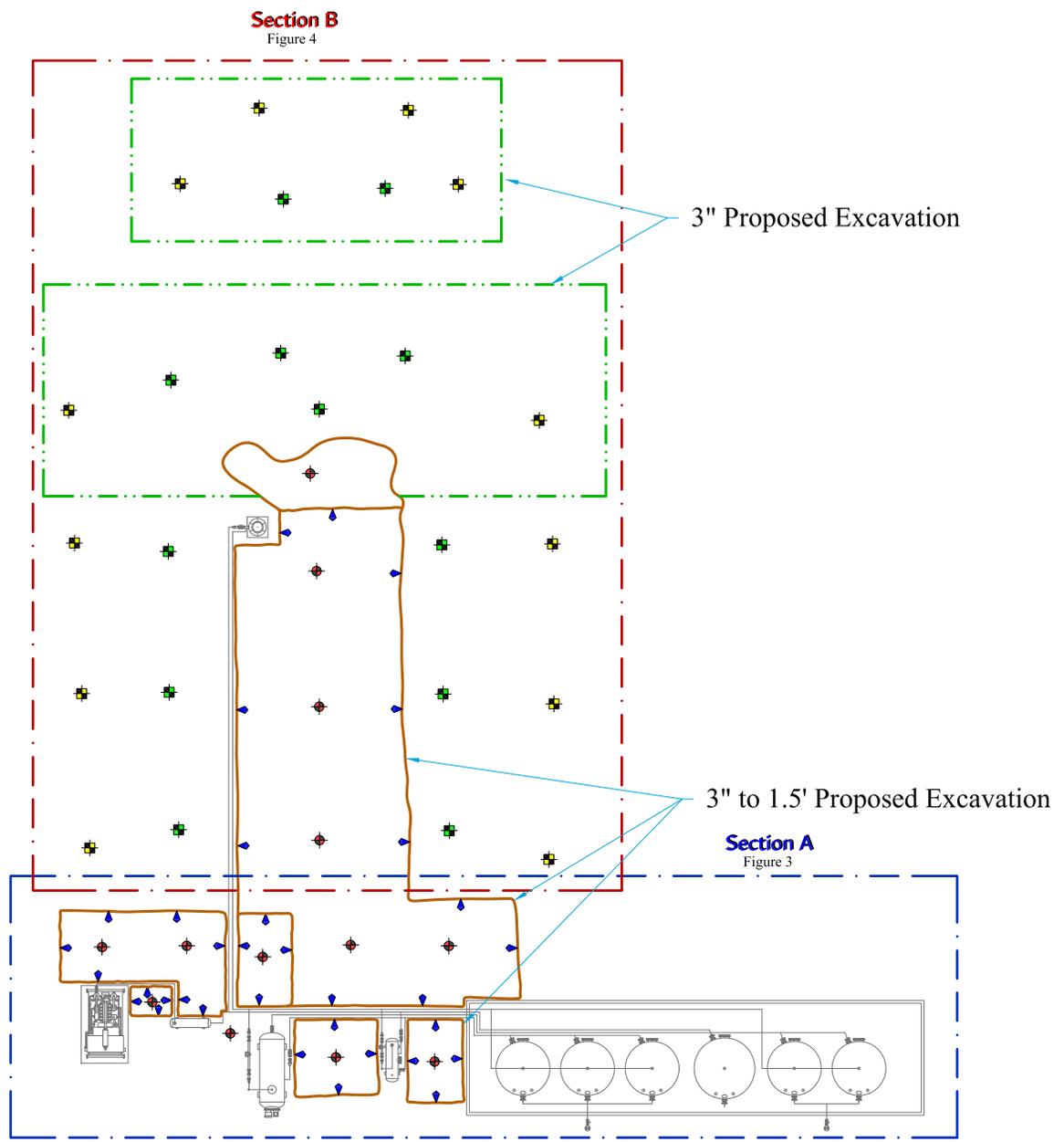
**Not to Scale**  
 All sample points are approximate

**ETECH**  
 Environmental & Safety Solutions, Inc.

CDEV ID No.:  
 40950

Figure 4

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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
- = Excavation Perimeter
- = Cosmetically Remediated

0 50 100  
Feet

CDEV ID No.:  
**40950**

**Figure 5**

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**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 <sub>6</sub> -C <sub>12</sub> | TPH DRO C <sub>12</sub> -C <sub>28</sub> | TPH ORO C <sub>28</sub> -C <sub>35</sub> | TOTAL TPH C <sub>6</sub> -C <sub>35</sub> | CHLORIDE  |
| Limits                            |             | 10 mg/Kg              |          |               |                |            |               | 50 mg/Kg         |   |  |  | 100 mg/Kg                                 | 600 mg/Kg |
| <b>Bottom Hole Sample Results</b> |             |                       |          |               |                |            |               |                  |   |  |  |   |           |
| 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                                     | <b>149.1</b>                              | <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                                      | <b>841</b>                                | 265       |
| BH-10 @ 1'                        | 4/1/2021    | -                     | -        | -             | -              | -          | -             | -                | <25.5                                   | 130                                      | <25.5                                    | <b>130</b>                                | -         |
| 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                                    | <b>108</b>                                | 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                                    | <b>6,230</b>                              | 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         | <25.5                                   | 19,900                                   | 3,660                                    | <b>23,560</b>                             | 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 <sub>6</sub> -C <sub>12</sub> | TPH DRO C <sub>12</sub> -C <sub>28</sub> | TPH ORO C <sub>28</sub> -C <sub>35</sub> | TOTAL TPH C <sub>6</sub> -C <sub>35</sub> | 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 BTEX       | TPH GRO C <sub>6</sub> -C <sub>12</sub> | TPH DRO C <sub>12</sub> -C <sub>28</sub> | TPH ORO C <sub>28</sub> -C <sub>35</sub> | TOTAL TPH C <sub>6</sub> -C <sub>35</sub> | 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 BTEX       | TPH GRO C <sub>6</sub> -C <sub>12</sub> | TPH DRO C <sub>12</sub> -C <sub>28</sub> | TPH ORO C <sub>28</sub> -C <sub>35</sub> | TOTAL TPH C <sub>6</sub> -C <sub>35</sub> | 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      |
| <b>Perimeter Sample Results</b> |             |                       |          |               |                |            |               |                  |   |  |  |   |           |
| 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                                      | <b>1,393</b>                              | 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                                     | <b>471.3</b>                              | 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      |
| <b>Stockpile Sample Results</b> |             |                       |          |               |                |            |               |                  |   |  |  |   |           |
| Stockpile                       | 3/2/2021    | <0.00101              | 0.00968  | 0.0142        | 0.297          | 0.0868     | 0.3838        | 0.40768          | 614                                     | 6,650                                    | 1,140                                    | <b>8,404</b>                              | 66.1      |
| Stockpile                       | 4/1/2021    | -                     | -        | -             | -              | -          | -             | -                | 35.9                                    | 1,190                                    | 197                                      | <b>1,422.9</b>                            | -         |
| Stockpile                       | 5/18/2021   | -                     | -        | -             | -              | -          | -             | -                | 28.7                                    | 1,120                                    | 179                                      | <b>1,327.7</b>                            | -         |
| Stockpile                       | 6/25/2021   | -                     | -        | -             | -              | -          | -             | -                | <25.3                                   | 181                                      | <25.3                                    | <b>181</b>                                | -         |
| 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**

|  |  |
|--|--|
| <b>Photo No:</b><br>1.                           |  |
| <b>Direction Taken:</b><br>Southeast             |  |
| <b>Description:</b><br>View of the release area. |  |

|  |  |
|--|--|
| <b>Photo No:</b><br>2.                           |  |
| <b>Direction Taken:</b><br>Northeast             |  |
| <b>Description:</b><br>View of the release area. |  |

**Project Name:** Cheddar 1H  
**Project No:** 13389

**Photographic Documentation**



**Project Name:** Cheddar 1H  
**Project No:** 13389

**Photographic Documentation**

|   |  |
|---|--|
| <p><b>Photo No:</b><br/>5.</p>                                |  <p>03.02.2021</p> |
| <p><b>Direction Taken:</b><br/>Northwest</p>                  |  |
| <p><b>Description:</b><br/>View of excavation activities.</p> |  |

|   |  |
|---|--|
| <p><b>Photo No:</b><br/>6.</p>                                |  |
| <p><b>Direction Taken:</b><br/>Southeast</p>                  |  |
| <p><b>Description:</b><br/>View of excavation activities.</p> |  |

**Project Name:** Cheddar 1H  
**Project No:** 13389

**Photographic Documentation**



**Project Name:** Cheddar 1H  
**Project No:** 13389

**Photographic Documentation**

|   |  |
|---|--|
| <p><b>Photo No:</b><br/>9.</p>                              |  |
| <p><b>Direction Taken:</b><br/>Southwest</p>                |  |
| <p><b>Description:</b><br/>View of the remediated area.</p> |  |

|   |  |
|---|--|
| <p><b>Photo No:</b><br/>10.</p>                             |  |
| <p><b>Direction Taken:</b><br/>Southwest</p>                |  |
| <p><b>Description:</b><br/>View of the remediated area.</p> |  |

**Project Name:** Cheddar 1H  
**Project No:** 13389

**Photographic Documentation**

|   |  |
|---|--|
| <p><b>Photo No:</b><br/>11.</p>                             |  |
| <p><b>Direction Taken:</b><br/>North</p>                    |  |
| <p><b>Description:</b><br/>View of the remediated area.</p> |  |

**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]  
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Odessa TX, 79765

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Project Number: 13389  
Project Manager: Matt Green

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Permian Basin Environmental Lab, L.P.

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

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

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

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Project Number: 13389  
Project Manager: Matt Green

Fax: (432) 563-2213

**Sample Point 1**  
**1C11006-01 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |                |         |           |   |         |                |                |           |  |
|---------------------------------|----------------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND             | 0.00101 | mg/kg dry | 1 | PIC1110 | 03/11/21 16:54 | 03/11/21 21:56 | EPA 8021B |  |
| Toluene                         | ND             | 0.00101 | mg/kg dry | 1 | PIC1110 | 03/11/21 16:54 | 03/11/21 21:56 | EPA 8021B |  |
| Ethylbenzene                    | ND             | 0.00101 | mg/kg dry | 1 | PIC1110 | 03/11/21 16:54 | 03/11/21 21:56 | EPA 8021B |  |
| <b>Xylene (p/m)</b>             | <b>0.00336</b> | 0.00202 | mg/kg dry | 1 | PIC1110 | 03/11/21 16:54 | 03/11/21 21:56 | EPA 8021B |  |
| Xylene (o)                      | ND             | 0.00101 | mg/kg dry | 1 | PIC1110 | 03/11/21 16:54 | 03/11/21 21:56 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene |                | 99.3 %  | 80-120    |   | PIC1110 | 03/11/21 16:54 | 03/11/21 21:56 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  |                | 95.7 %  | 80-120    |   | PIC1110 | 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 | PIC1803 | 03/18/21 11:56 | 03/19/21 09:06 | EPA 300.0  |  |
| <b>% Moisture</b> | <b>1.0</b> | 0.1  | %         | 1 | PIC1214 | 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 | PIC1212 | 03/12/21 08:00 | 03/12/21 19:41 | TPH 8015M |  |
| >C12-C28                              | ND | 25.3   | mg/kg dry | 1 | PIC1212 | 03/12/21 08:00 | 03/12/21 19:41 | TPH 8015M |  |
| >C28-C35                              | ND | 25.3   | mg/kg dry | 1 | PIC1212 | 03/12/21 08:00 | 03/12/21 19:41 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             |    | 77.6 % | 70-130    |   | PIC1212 | 03/12/21 08:00 | 03/12/21 19:41 | TPH 8015M |  |
| Surrogate: o-Terphenyl                |    | 86.3 % | 70-130    |   | PIC1212 | 03/12/21 08:00 | 03/12/21 19:41 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND | 25.3   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 19:41 | calc      |  |

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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

**Sample Point 2**  
**1C11006-02 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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<br>C6-C35 | ND | 27.8   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 20:04 | calc      |  |

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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

Fax: (432) 563-2213

**Sample Point 3**  
**1C11006-03 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>51.2</b> | 25.0   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 20:27 | calc      |  |

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Project Number: 13389  
Project Manager: Matt Green

Fax: (432) 563-2213

**Sample Point 4**  
**1C11006-04 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

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**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                                  | <b>116</b>  | 25.0   | mg/kg dry | 1 | P1C1212 | 03/12/21 08:00 | 03/12/21 20:50 | TPH 8015M |  |
| >C28-C35                                  | <b>33.1</b> | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>149</b>  | 25.0   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 20:50 | calc      |  |

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Project Manager: Matt Green

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**Sample Point 5**  
**1C11006-05 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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<br>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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Project: Chedder 3BS Fed Com #1H  
Project Number: 13389  
Project Manager: Matt Green

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**Sample Point 6**  
**1C11006-06 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |  |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND | 0.00102 | mg/kg dry | 1 | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>57.8</b> | 25.5  | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 21:36 | calc      |  |

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

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**Sample Point 7**  
**1C11006-07 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>91.8</b> | 25.0   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 21:59 | calc      |  |

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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

**Sample Point 8**  
**1C11006-08 (Soil)**

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

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |  |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND | 0.00103 | mg/kg dry | 1 | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>48.0</b> | 25.8   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 22:22 | calc      |  |

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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<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |  |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND | 0.00102 | mg/kg dry | 1 | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>74.0</b> | 25.5   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 22:45 | calc      |  |

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Project Number: 13389  
Project Manager: Matt Green

Fax: (432) 563-2213

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

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

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**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>841</b> | 25.3   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/12/21 23:08 | calc      |  |

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Project Manager: Matt Green

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**Sample Point 11**  
**1C11006-11 (Soil)**

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

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |  |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND | 0.00103 | mg/kg dry | 1 | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>108</b> | 25.8   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/13/21 00:18 | calc      |  |

Permian Basin Environmental Lab, L.P.

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Project Number: 13389  
Project Manager: Matt Green

Fax: (432) 563-2213

**Sample Point 12**  
**1C11006-12 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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<br>C6-C35 | ND | 25.0   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/13/21 00:41 | calc      |  |

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Project Number: 13389  
Project Manager: Matt Green

Fax: (432) 563-2213

**Sample Point 13**  
**1C11006-13 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>76.8</b> | 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<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>6240</b> | 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<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |  |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND | 0.00102 | mg/kg dry | 1 | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>23600</b> | 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 |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**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 |      |
| <b>Toluene</b>                  | <b>0.00120</b> | 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**

|                 |             |      |           |   |         |                |                |            |  |
|-----------------|-------------|------|-----------|---|---------|----------------|----------------|------------|--|
| <b>Chloride</b> | <b>67.2</b> | 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 |  |
| <b>&gt;C12-C28</b>                        | <b>18600</b> | 250    | mg/kg dry | 10 | P1C1212 | 03/12/21 08:00 | 03/15/21 09:31 | TPH 8015M |  |
| <b>&gt;C28-C35</b>                        | <b>2670</b>  | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>21300</b> | 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 |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>456</b> | 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<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |      |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|------|
| Benzene                         | ND | 0.00102 | mg/kg dry | 1 | 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.

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

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>467</b> | 25.3   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/13/21 03:25 | 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-20 @ 1'**  
**1C11006-20 (Soil)**

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

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>69.0</b> | 25.3   | mg/kg dry | 1 | [CALC]  | 03/12/21 08:00 | 03/13/21 03:48 | calc      |  |

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

Fax: (432) 563-2213

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

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

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>70.4</b> | 27.5  | mg/kg dry | 1 | [CALC]  | 03/15/21 11:54 | 03/15/21 19:38 | calc      |  |

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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

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

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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<br>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.

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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

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

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

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>9800</b> | 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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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<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>612</b> | 26.0  | mg/kg dry | 1 | [CALC]  | 03/15/21 11:54 | 03/15/21 20:46 | 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-25 @ 6"**  
**1C11006-25 (Soil)**

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

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |      |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|------|
| Benzene                         | ND | 0.00103 | mg/kg dry | 1 | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>285</b> | 25.8  | mg/kg dry | 1 | [CALC]  | 03/15/21 11:54 | 03/15/21 21:09 | calc      |  |

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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

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

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>27.6</b> | 26.6  | mg/kg dry | 1 | [CALC]  | 03/15/21 11:54 | 03/15/21 21:33 | 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

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

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

**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.

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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

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

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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<br>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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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<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>78.3</b> | 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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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 |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**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.

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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

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

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |      |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|------|
| Benzene                         | ND | 0.00102 | mg/kg dry | 1 | 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<br>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.

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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

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

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |      |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|------|
| Benzene                         | ND | 0.00102 | mg/kg dry | 1 | 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 |  |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>93.4</b> | 25.5  | mg/kg dry | 1 | [CALC]  | 03/15/21 11:54 | 03/16/21 00:40 | 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

Fax: (432) 563-2213

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

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

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |    |         |           |   |         |                |                |           |      |
|---------------------------------|----|---------|-----------|---|---------|----------------|----------------|-----------|------|
| Benzene                         | ND | 0.00102 | mg/kg dry | 1 | 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.

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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

**Stockpile**  
**1C11006-34 (Soil)**

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

**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                         | <b>0.00968</b> | 0.00101 | mg/kg dry | 1 | P1C1513 | 03/15/21 16:08 | 03/17/21 01:10 | EPA 8021B |      |
| Ethylbenzene                    | <b>0.0142</b>  | 0.00101 | mg/kg dry | 1 | P1C1513 | 03/15/21 16:08 | 03/17/21 01:10 | EPA 8021B |      |
| Xylene (p/m)                    | <b>0.297</b>   | 0.00202 | mg/kg dry | 1 | P1C1513 | 03/15/21 16:08 | 03/17/21 01:10 | EPA 8021B |      |
| Xylene (o)                      | <b>0.0868</b>  | 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   | <b>66.1</b> | 10.1 | mg/kg dry | 10 | P1C1901 | 03/19/21 08:35 | 03/19/21 17:38 | EPA 300.0  |  |
| % Moisture | <b>1.0</b>  | 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                             | <b>614</b>  | 126   | mg/kg dry | 5 | P1C1504 | 03/15/21 11:54 | 03/16/21 11:30 | TPH 8015M |  |
| >C12-C28                           | <b>6650</b> | 126   | mg/kg dry | 5 | P1C1504 | 03/15/21 11:54 | 03/16/21 11:30 | TPH 8015M |  |
| >C28-C35                           | <b>1140</b> | 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 | <b>8400</b> | 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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1110 - \*\*\* DEFAULT PREP \*\*\*****Blank (PIC1110-BLK1)**

Prepared &amp; 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 (PIC1110-BS1)**

Prepared &amp; 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 (PIC1110-BSD1)**

Prepared &amp; 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 (PIC1110-CCV1)**

Prepared &amp; 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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E Tech Environmental & Safety Solutions, Inc. [1]  
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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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-BSD1)** 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 |

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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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 |      |    |       |

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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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-BS1)**

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: 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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1513 - \*\*\* DEFAULT PREP \*\*\***

| <b>Calibration Check (PIC1513-CCV2)</b> |        | 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 |

| <b>Calibration Check (PIC1513-CCV3)</b> |        | 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 |  |  |      |

| <b>Matrix Spike (PIC1513-MS1)</b> |         | <b>Source: 1C11006-23</b> |           | 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  |

| <b>Matrix Spike Dup (PIC1513-MSD1)</b> |         | <b>Source: 1C11006-23</b> |           | 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  |

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13000 West County Road 100  
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Project: Chedder 3BS Fed Com #1H  
Project Number: 13389  
Project Manager: Matt Green

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

| Analyte  | Result | Reporting Limit | Units     | Spike Level | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|--|--------|-----------------|-----------|-------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch PIC1214 - *** DEFAULT PREP ***</b>  |        |                 |           |             |               |      |             |      |           |       |
| <b>Blank (PIC1214-BLK1)</b> Prepared: 03/12/21 Analyzed: 03/14/21                          |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %         |             |               |      |             |      |           |       |
| <b>Batch PIC1803 - *** DEFAULT PREP ***</b>  |        |                 |           |             |               |      |             |      |           |       |
| <b>Blank (PIC1803-BLK1)</b> Prepared: 03/18/21 Analyzed: 03/19/21                          |        |                 |           |             |               |      |             |      |           |       |
| Chloride   | ND     | 1.00            | mg/kg wet |             |               |      |             |      |           |       |
| <b>LCS (PIC1803-BS1)</b> Prepared: 03/18/21 Analyzed: 03/19/21                             |        |                 |           |             |               |      |             |      |           |       |
| Chloride   | 419    | 1.00            | mg/kg wet | 400         |               | 105  | 90-110      |      |           |       |
| <b>LCS Dup (PIC1803-BSD1)</b> Prepared: 03/18/21 Analyzed: 03/19/21                        |        |                 |           |             |               |      |             |      |           |       |
| Chloride   | 401    | 1.00            | mg/kg wet | 400         |               | 100  | 90-110      | 4.23 | 20        |       |
| <b>Calibration Check (PIC1803-CCV1)</b> Prepared: 03/18/21 Analyzed: 03/19/21              |        |                 |           |             |               |      |             |      |           |       |
| Chloride   | 18.7   |                 | mg/kg     | 20.0        |               | 93.5 | 90-110      |      |           |       |
| <b>Calibration Check (PIC1803-CCV2)</b> Prepared: 03/18/21 Analyzed: 03/19/21              |        |                 |           |             |               |      |             |      |           |       |
| Chloride   | 18.8   |                 | mg/kg     | 20.0        |               | 94.1 | 90-110      |      |           |       |
| <b>Calibration Check (PIC1803-CCV3)</b> Prepared: 03/18/21 Analyzed: 03/19/21              |        |                 |           |             |               |      |             |      |           |       |
| Chloride   | 18.8   |                 | mg/kg     | 20.0        |               | 93.9 | 90-110      |      |           |       |
| <b>Matrix Spike (PIC1803-MS1)</b> Source: 1C10013-26 Prepared: 03/18/21 Analyzed: 03/19/21 |        |                 |           |             |               |      |             |      |           |       |
| Chloride   | 1380   | 1.11            | mg/kg dry | 556         | 779           | 108  | 80-120      |      |           |       |
| <b>Matrix Spike (PIC1803-MS2)</b> Source: 1C11005-05 Prepared: 03/18/21 Analyzed: 03/19/21 |        |                 |           |             |               |      |             |      |           |       |
| Chloride   | 2070   | 5.56            | mg/kg dry | 556         | 1510          | 100  | 80-120      |      |           |       |

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 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 PIC1803 - \*\*\* DEFAULT PREP \*\*\***

| <b>Matrix Spike Dup (PIC1803-MSD1)</b> |      | <b>Source: 1C10013-26</b> |           | Prepared: 03/18/21 |      | Analyzed: 03/19/21 |        |        |    |  |
|--|------|---------------------------|-----------|--------------------|------|--------------------|--------|--------|----|--|
| Chloride                               | 1290 | 1.11                      | mg/kg dry | 556                | 779  | 92.2               | 80-120 | 6.62   | 20 |  |
| <b>Matrix Spike Dup (PIC1803-MSD2)</b> |      | <b>Source: 1C11005-05</b> |           | Prepared: 03/18/21 |      | Analyzed: 03/19/21 |        |        |    |  |
| Chloride                               | 2070 | 5.56                      | mg/kg dry | 556                | 1510 | 100                | 80-120 | 0.0376 | 20 |  |

**Batch PIC1804 - \*\*\* DEFAULT PREP \*\*\***

| <b>Blank (PIC1804-BLK1)</b>             |      |                           |           | Prepared & Analyzed: 03/18/21 |      |                    |        |       |    |  |
|---|------|---------------------------|-----------|-------------------------------|------|--------------------|--------|-------|----|--|
| Chloride                                | ND   | 1.00                      | mg/kg wet |                               |      |                    |        |       |    |  |
| <b>LCS (PIC1804-BS1)</b>                |      |                           |           | Prepared & Analyzed: 03/18/21 |      |                    |        |       |    |  |
| Chloride                                | 413  | 1.00                      | mg/kg wet | 400                           |      | 103                | 90-110 |       |    |  |
| <b>LCS Dup (PIC1804-BSD1)</b>           |      |                           |           | Prepared & Analyzed: 03/18/21 |      |                    |        |       |    |  |
| Chloride                                | 416  | 1.00                      | mg/kg wet | 400                           |      | 104                | 90-110 | 0.708 | 20 |  |
| <b>Calibration Check (PIC1804-CCV1)</b> |      |                           |           | Prepared & Analyzed: 03/18/21 |      |                    |        |       |    |  |
| Chloride                                | 20.2 |                           | mg/kg     | 20.0                          |      | 101                | 90-110 |       |    |  |
| <b>Calibration Check (PIC1804-CCV2)</b> |      |                           |           | Prepared & Analyzed: 03/18/21 |      |                    |        |       |    |  |
| Chloride                                | 20.2 |                           | mg/kg     | 20.0                          |      | 101                | 90-110 |       |    |  |
| <b>Calibration Check (PIC1804-CCV3)</b> |      |                           |           | Prepared: 03/18/21            |      | Analyzed: 03/19/21 |        |       |    |  |
| Chloride                                | 20.3 |                           | mg/kg     | 20.0                          |      | 102                | 90-110 |       |    |  |
| <b>Matrix Spike (PIC1804-MS1)</b>       |      | <b>Source: 1C18005-01</b> |           | 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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1804 - \*\*\* DEFAULT PREP \*\*\***

**Matrix Spike (PIC1804-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 (PIC1804-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 (PIC1804-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 PIC1901 - \*\*\* DEFAULT PREP \*\*\***

**Blank (PIC1901-BLK1)** Prepared & Analyzed: 03/19/21

|          |    |      |           |  |  |  |  |  |  |  |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Chloride | ND | 1.00 | mg/kg wet |  |  |  |  |  |  |  |
|----------|----|------|-----------|--|--|--|--|--|--|--|

**LCS (PIC1901-BS1)** Prepared & Analyzed: 03/19/21

|          |     |      |           |     |  |      |        |  |  |  |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 388 | 1.00 | mg/kg wet | 400 |  | 97.0 | 90-110 |  |  |  |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

**LCS Dup (PIC1901-BSD1)** Prepared & Analyzed: 03/19/21

|          |     |      |           |     |  |      |        |       |    |  |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|
| Chloride | 389 | 1.00 | mg/kg wet | 400 |  | 97.3 | 90-110 | 0.371 | 20 |  |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|

**Calibration Check (PIC1901-CCV1)** Prepared & Analyzed: 03/19/21

|          |      |  |       |      |  |      |        |  |  |  |
|----------|------|--|-------|------|--|------|--------|--|--|--|
| Chloride | 18.7 |  | mg/kg | 20.0 |  | 93.6 | 90-110 |  |  |  |
|----------|------|--|-------|------|--|------|--------|--|--|--|

**Calibration Check (PIC1901-CCV2)** Prepared & Analyzed: 03/19/21

|          |      |  |       |      |  |      |        |  |  |  |
|----------|------|--|-------|------|--|------|--------|--|--|--|
| Chloride | 18.8 |  | mg/kg | 20.0 |  | 94.0 | 90-110 |  |  |  |
|----------|------|--|-------|------|--|------|--------|--|--|--|

**Calibration Check (PIC1901-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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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1901 - \*\*\* DEFAULT PREP \*\*\***

|  |     |                           |           |     |                               |      |        |      |    |  |
|--|-----|---------------------------|-----------|-----|-------------------------------|------|--------|------|----|--|
| <b>Matrix Spike (PIC1901-MS1)</b>      |     | <b>Source: 1C11006-21</b> |           |     | Prepared & Analyzed: 03/19/21 |      |        |      |    |  |
| Chloride                               | 490 | 1.10                      | mg/kg dry | 549 | ND                            | 89.2 | 80-120 |      |    |  |
| <b>Matrix Spike (PIC1901-MS2)</b>      |     | <b>Source: 1C11006-31</b> |           |     | Prepared & Analyzed: 03/19/21 |      |        |      |    |  |
| Chloride                               | 449 | 1.02                      | mg/kg dry | 510 | ND                            | 87.9 | 80-120 |      |    |  |
| <b>Matrix Spike Dup (PIC1901-MSD1)</b> |     | <b>Source: 1C11006-21</b> |           |     | Prepared & Analyzed: 03/19/21 |      |        |      |    |  |
| Chloride                               | 519 | 1.10                      | mg/kg dry | 549 | ND                            | 94.5 | 80-120 | 5.75 | 20 |  |
| <b>Matrix Spike Dup (PIC1901-MSD2)</b> |     | <b>Source: 1C11006-31</b> |           |     | Prepared & Analyzed: 03/19/21 |      |        |      |    |  |
| Chloride                               | 457 | 1.02                      | mg/kg dry | 510 | ND                            | 89.6 | 80-120 | 1.93 | 20 |  |

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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 PIC1212 - TX 1005****Blank (PIC1212-BLK1)**

Prepared &amp; 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 (PIC1212-BS1)**

Prepared &amp; 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 (PIC1212-BS1)**

Prepared &amp; 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 (PIC1212-CCV1)**

Prepared &amp; 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 (PIC1212-CCV2)**

Prepared &amp; 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 |  |  |  |

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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 P1C1212 - TX 1005**

| <b>Duplicate (P1C1212-DUP1)</b> |      | <b>Source: 1C11006-20</b> |           | 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**

| <b>Blank (P1C1504-BLK1)</b> |      |      |           | 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 |  |  |  |

| <b>LCS (P1C1504-BS1)</b>  |      |      |           | 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 |  |  |  |

| <b>LCS Dup (P1C1504-BSD1)</b> |      |      |           | 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 |       |    |  |

| <b>Calibration Check (P1C1504-CCV1)</b> |      |      |           | 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 |  |  |  |

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Project: Chedder 3BS Fed Com #1H  
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

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

**Batch PIC1504 - TX 1005****Calibration Check (PIC1504-CCV2)**

Prepared &amp; 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 (PIC1504-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 (PIC1504-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 (PIC1504-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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Project: Chedder 3BS Fed Com #1H  
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Project Manager: Matt Green

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**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

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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

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Permian Basin Environmental Lab, L.P.

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**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 |       | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------|-------|-------|----------|-------|----------|----------|--------|-------|
|         | Result    | Limit |       |          |       |          |          |        |       |

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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                                  | <b>181</b> | 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 |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>181</b> | 25.3  | mg/kg dry | 1 | [CALC]  | 07/02/21 08:40 | 07/02/21 23:12 | calc      |

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: 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 |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch P1G0603 - *** DEFAULT PREP ***</b>                                      |        |                 |       |             |               |      |             |      |           |       |
| <b>Blank (P1G0603-BLK1)</b> Prepared & Analyzed: 07/06/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Blank (P1G0603-BLK2)</b> Prepared & Analyzed: 07/06/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Blank (P1G0603-BLK3)</b> Prepared & Analyzed: 07/06/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Duplicate (P1G0603-DUP1)</b> Source: 1G01015-03 Prepared & Analyzed: 07/06/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 4.0    | 0.1             | %     |             | 4.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1G0603-DUP2)</b> Source: 1G01018-08 Prepared & Analyzed: 07/06/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 10.0   | 0.1             | %     |             | 11.0          |      |             | 9.52 | 20        |       |
| <b>Duplicate (P1G0603-DUP3)</b> Source: 1G02003-04 Prepared & Analyzed: 07/06/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 6.0    | 0.1             | %     |             | 8.0           |      |             | 28.6 | 20        |       |
| <b>Duplicate (P1G0603-DUP4)</b> 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 |
|--|--------|-----------------|-----------|-------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch P1G0203 - TX 1005</b>                           |        |                 |           |             |               |      |             |      |           |       |
| <b>Calibration Check (P1G0203-CCV2)</b>                  |        |                 |           |             |               |      |             |      |           |       |
| 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      |      |           |       |
| <b>Calibration Check (P1G0203-CCV3)</b>                  |        |                 |           |             |               |      |             |      |           |       |
| 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      |      |           |       |
| <b>Matrix Spike (P1G0203-MS1)</b>                        |        |                 |           |             |               |      |             |      |           |       |
| 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      |      |           |       |
| <b>Matrix Spike Dup (P1G0203-MSD1)</b>                   |        |                 |           |             |               |      |             |      |           |       |
| 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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**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 |       | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------|-------|-------|----------|-------|----------|----------|--------|-------|
|         | Result    | Limit |       |          |       |          |          |        |       |

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>7.0</b> | 0.1 | % | 1 | PIH0903 | 08/09/21 15:00 | 08/09/21 15:05 | ASTM D2216 |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|

**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        |
| <i>Surrogate: 1-Chlorooctane</i>   |    | <i>104 %</i> | <i>70-130</i> |   | <i>PIH0704</i> | <i>08/07/21 11:30</i> | <i>08/09/21 21:23</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>      |    | <i>113 %</i> | <i>70-130</i> |   | <i>PIH0704</i> | <i>08/07/21 11:30</i> | <i>08/09/21 21:23</i> | <i>TPH 8015M</i> |
| 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.

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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: 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 |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch P1H0903 - *** DEFAULT PREP ***</b>                                      |        |                 |       |             |               |      |             |      |           |       |
| <b>Blank (P1H0903-BLK1)</b> Prepared & Analyzed: 08/09/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Blank (P1H0903-BLK2)</b> Prepared & Analyzed: 08/09/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Duplicate (P1H0903-DUP1)</b> Source: 1H04008-02 Prepared & Analyzed: 08/09/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 2.0    | 0.1             | %     |             | 2.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1H0903-DUP2)</b> Source: 1H05003-01 Prepared & Analyzed: 08/09/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 5.0    | 0.1             | %     |             | 4.0           |      |             | 22.2 | 20        | R2    |
| <b>Duplicate (P1H0903-DUP3)</b> Source: 1H06010-04 Prepared & Analyzed: 08/09/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 4.0    | 0.1             | %     |             | 5.0           |      |             | 22.2 | 20        | R2    |
| <b>Duplicate (P1H0903-DUP4)</b> Source: 1H06019-02 Prepared & Analyzed: 08/09/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             | ND            |      |             |      | 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: 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.

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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**

**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

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



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: *[Signature]*

Fax No: \_\_\_\_\_  
e-mail: [Matt@etechenv.com](mailto:Matt@etechenv.com)  
[tim@etechenv.com](mailto:tim@etechenv.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 #: 1406012

| LAB # (lab use only) | FIELD CODE | Beginning Depth | Ending Depth | Date Sampled | Time Sampled | Field Filtered | Total #. of Containers | Ice | HNO <sub>3</sub> | HCl | H <sub>2</sub> SO <sub>4</sub> | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | None | Other (Specify) | DW=Drinking Water SL=Sludge<br>GW = Groundwater S=Soil/Solid<br>NP=Non-Potable Specify Other | TPH: 418. 8015M 8015B | TPH: TX 1005 Ext TX 1006 | Cations (Ca, Mg, Na, K) | Anions (Cl, SO <sub>4</sub> , Alkalinity) | SAR / ESP / CEC | Metals: As Ag Ba Cd Cr Pb Hg Se | Volatiles | Semivolatiles | BTEX 80217/5030 or BTEX 8260 | RCI | N.O.R.M. | Chlorides E 300 | RUSH TAT (Pre-Schedule) 24, 48, 72 hrs | Standard TAT |
|----------------------|------------|-----------------|--------------|--------------|--------------|----------------|------------------------|-----|------------------|-----|--------------------------------|------|---|------|-----------------|--|-----------------------|--------------------------|-------------------------|---|-----------------|---------------------------------|-----------|---------------|------------------------------|-----|----------|-----------------|--|--------------|
|                      | Stockpile  |                 |              | 8/5/2021     | 1200         |                | 1                      | X   |                  |     |                                |      |   |      |                 | S  | X                     |                          |                         |   |                 |                                 |           |               |                              |     |          |                 |  | X            |

Preservation & # of Containers

Matrix

Analyze For:

|       |  |
|-------|--|
| TCLP  |  |
| TOTAL |  |

Special Instructions:  
Bill to Centennial

| Relinquished by:   | Date   | Time   | Received by: | Date | Time | Relinquished by: | Date   | Time  | Received by: | Date | Time |
|--------------------|--------|--------|--------------|------|------|------------------|--------|-------|--------------|------|------|
| <i>[Signature]</i> | 8-6-21 | 11:22a |              |      |      |                  | 8/6/21 | 11:22 |              |      |      |
|                    |        |        |              |      |      |                  |        |       |              |      |      |

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:  C  F  
 Adjusted:  C Factor:  F Factor:

**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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**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.

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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 #8**  
**1C16008-02 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 92.7 %  | 80-120    |   | P1C1912 | 03/19/21 12:51 | 03/19/21 23:00 | EPA 8021B |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 94.3 %  | 80-120    |   | P1C1912 | 03/19/21 12:51 | 03/19/21 23:00 | EPA 8021B |

**General Chemistry Parameters by EPA / Standard Methods**

|                 |             |      |           |   |         |                |                |            |
|-----------------|-------------|------|-----------|---|---------|----------------|----------------|------------|
| <b>Chloride</b> | <b>1.33</b> | 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 |
| <b>&gt;C12-C28</b>                        | <b>28.6</b> | 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 |
| <i>Surrogate: 1-Chlorooctane</i>          |             | 105 % | 70-130    |   | P1C1807 | 03/18/21 13:36 | 03/19/21 16:31 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>             |             | 115 % | 70-130    |   | P1C1807 | 03/18/21 13:36 | 03/19/21 16:31 | TPH 8015M |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>28.6</b> | 25.0  | mg/kg dry | 1 | [CALC]  | 03/18/21 13:36 | 03/19/21 16:31 | 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

**Perimeter #9**  
**1C16008-03 (Soil)**

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

**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 |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>1390</b> | 25.0 | mg/kg dry | 1 | [CALC]  | 03/18/21 13:36 | 03/19/21 16:54 | 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

**Perimeter N-1**  
**1C16008-04 (Soil)**

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

**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   |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>28.7</b> | <b>25.0</b> | <b>mg/kg dry</b> | <b>1</b> | <b>[CALC]</b> | <b>03/18/21 13:36</b> | <b>03/19/21 17:16</b> | <b>calc</b> |

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 N-2**  
**1C16008-05 (Soil)**

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

**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.

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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-2**  
**1C16008-06 (Soil)**

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

**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<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 92.1 %  | 80-120    |   | P1C1912 | 03/19/21 12:51 | 03/20/21 00:44 | EPA 8021B |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 114 % | 70-130    |   | P1C1807 | 03/18/21 13:36 | 03/19/21 19:05 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 126 % | 70-130    |   | P1C1807 | 03/18/21 13:36 | 03/19/21 19:05 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>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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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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**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   |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>78.4</b> | <b>25.3</b> | <b>mg/kg dry</b> | <b>1</b> | <b>[CALC]</b> | <b>03/18/21 13:36</b> | <b>03/19/21 19:27</b> | <b>calc</b> |

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

**Perimeter E-5**  
**1C16008-09 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 93.2 %  | 80-120    |   | P1C1912 | 03/19/21 12:51 | 03/20/21 01:26 | EPA 8021B |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 95.0 %  | 80-120    |   | P1C1912 | 03/19/21 12:51 | 03/20/21 01:26 | EPA 8021B |

**General Chemistry Parameters by EPA / Standard Methods**

|                 |             |      |           |   |         |                |                |            |
|-----------------|-------------|------|-----------|---|---------|----------------|----------------|------------|
| <b>Chloride</b> | <b>4.06</b> | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 114 % | 70-130    |   | P1C1807 | 03/18/21 13:36 | 03/19/21 19:48 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 124 % | 70-130    |   | P1C1807 | 03/18/21 13:36 | 03/19/21 19:48 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**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        |
| <b>Toluene</b>                         | <b>0.00462</b> | 0.00100       | mg/kg dry | 1 | P1C1912        | 03/19/21 12:51        | 03/21/21 12:01        | EPA 8021B        |
| <b>Ethylbenzene</b>                    | <b>0.00186</b> | 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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**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 |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>472</b> | 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<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 99.2 %  | 80-120    |   | P1C1914 | 03/19/21 12:57 | 03/21/21 15:06 | EPA 8021B |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 114 % | 70-130    |   | P1C1807 | 03/18/21 13:36 | 03/19/21 20:54 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 124 % | 70-130    |   | P1C1807 | 03/18/21 13:36 | 03/19/21 20:54 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>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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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1912 - \*\*\* DEFAULT PREP \*\*\***

**Blank (PIC1912-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 (PIC1912-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 (PIC1912-BS1)**

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 (PIC1912-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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1912 - \*\*\* DEFAULT PREP \*\*\***

| <b>Matrix Spike (PIC1912-MS1)</b> |        | <b>Source: 1C18012-01</b> |           | 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 |  |  |       |

| <b>Matrix Spike Dup (PIC1912-MSD1)</b> |        | <b>Source: 1C18012-01</b> |           | 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 PIC1914 - \*\*\* DEFAULT PREP \*\*\***

| <b>Blank (PIC1914-BLK1)</b>     |       |         |           | 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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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1914 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Check (PIC1914-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 (PIC1914-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 (PIC1914-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 |
|--|--------|-----------------|-----------|-------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch P1C1707 - *** DEFAULT PREP ***</b>                                      |        |                 |           |             |               |      |             |      |           |       |
| <b>Blank (P1C1707-BLK1)</b> Prepared & Analyzed: 03/17/21                        |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %         |             |               |      |             |      |           |       |
| <b>Blank (P1C1707-BLK2)</b> Prepared & Analyzed: 03/17/21                        |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %         |             |               |      |             |      |           |       |
| <b>Blank (P1C1707-BLK3)</b> Prepared & Analyzed: 03/17/21                        |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %         |             |               |      |             |      |           |       |
| <b>Duplicate (P1C1707-DUP1)</b> Source: 1C16003-02 Prepared & Analyzed: 03/17/21 |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | 10.0   | 0.1             | %         |             | 12.0          |      |             | 18.2 | 20        |       |
| <b>Duplicate (P1C1707-DUP2)</b> Source: 1C16005-01 Prepared & Analyzed: 03/17/21 |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | 10.0   | 0.1             | %         |             | 10.0          |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1C1707-DUP3)</b> Source: 1C16006-11 Prepared & Analyzed: 03/17/21 |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | 5.0    | 0.1             | %         |             | 5.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1C1707-DUP4)</b> Source: 1C16007-10 Prepared & Analyzed: 03/17/21 |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | 4.0    | 0.1             | %         |             | 4.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1C1707-DUP5)</b> Source: 1C16008-12 Prepared & Analyzed: 03/17/21 |        |                 |           |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %         |             | ND            |      |             |      | 20        |       |
| <b>Batch P1C2303 - *** DEFAULT PREP ***</b>                                      |        |                 |           |             |               |      |             |      |           |       |
| <b>Blank (P1C2303-BLK1)</b> Prepared & Analyzed: 03/23/21                        |        |                 |           |             |               |      |             |      |           |       |
| 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 |
|---|--------|-----------------|-----------|-------------|---------------|------|-------------|--------|-----------|-------|
| <b>Batch PIC2303 - *** DEFAULT PREP ***</b>   |        |                 |           |             |               |      |             |        |           |       |
| <b>LCS (PIC2303-BS1)</b> Prepared & Analyzed: 03/23/21  |        |                 |           |             |               |      |             |        |           |       |
| Chloride  | 395    | 1.00            | mg/kg wet | 400         |               | 98.7 | 90-110      |        |           |       |
| <b>LCS Dup (PIC2303-BSD1)</b> Prepared & Analyzed: 03/23/21                                     |        |                 |           |             |               |      |             |        |           |       |
| Chloride  | 395    | 1.00            | mg/kg wet | 400         |               | 98.8 | 90-110      | 0.0962 | 20        |       |
| <b>Calibration Check (PIC2303-CCV1)</b> Prepared & Analyzed: 03/23/21                           |        |                 |           |             |               |      |             |        |           |       |
| Chloride  | 19.2   |                 | mg/kg     | 20.0        |               | 95.8 | 90-110      |        |           |       |
| <b>Calibration Check (PIC2303-CCV2)</b> Prepared: 03/23/21 Analyzed: 03/24/21                   |        |                 |           |             |               |      |             |        |           |       |
| Chloride  | 19.2   |                 | mg/kg     | 20.0        |               | 96.2 | 90-110      |        |           |       |
| <b>Calibration Check (PIC2303-CCV3)</b> Prepared: 03/23/21 Analyzed: 03/24/21                   |        |                 |           |             |               |      |             |        |           |       |
| Chloride  | 18.4   |                 | mg/kg     | 20.0        |               | 91.9 | 90-110      |        |           |       |
| <b>Matrix Spike (PIC2303-MS1)</b> Source: 1C16007-13 Prepared & Analyzed: 03/23/21              |        |                 |           |             |               |      |             |        |           |       |
| Chloride  | 927    | 1.04            | mg/kg dry | 521         | 428           | 95.8 | 80-120      |        |           |       |
| <b>Matrix Spike (PIC2303-MS2)</b> Source: 1C16008-10 Prepared: 03/23/21 Analyzed: 03/24/21      |        |                 |           |             |               |      |             |        |           |       |
| Chloride  | 447    | 1.00            | mg/kg dry | 500         | ND            | 89.4 | 80-120      |        |           |       |
| <b>Matrix Spike Dup (PIC2303-MSD1)</b> Source: 1C16007-13 Prepared & Analyzed: 03/23/21         |        |                 |           |             |               |      |             |        |           |       |
| Chloride  | 891    | 1.04            | mg/kg dry | 521         | 428           | 88.8 | 80-120      | 4.01   | 20        |       |
| <b>Matrix Spike Dup (PIC2303-MSD2)</b> 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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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1807 - TX 1005**

**Blank (PIC1807-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 (PIC1807-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 (PIC1807-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 (PIC1807-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 (PIC1807-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 |  |  |  |

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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PIC1807 - TX 1005**

**Matrix Spike (PIC1807-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 (PIC1807-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 |      |    |  |

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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

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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.

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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

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Permian Basin Environmental Lab, L.P.

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**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.

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 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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**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 |
|------------|----|-----|---|---|---------|----------------|----------------|------------|

**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                                  | <b>31.4</b> | 25.0 | mg/kg dry | 1 | P1D0707 | 04/07/21 13:34 | 04/09/21 04:40 | TPH 8015M |
| >C28-C35                                  | <b>29.6</b> | 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 |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>60.9</b> | 25.0 | mg/kg dry | 1 | [CALC]  | 04/07/21 13:34 | 04/09/21 04:40 | calc      |

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

**Sample Point 11**  
**1D06003-02 (Soil)**

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

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|            |    |     |   |   |         |                |                |            |
|------------|----|-----|---|---|---------|----------------|----------------|------------|
| % Moisture | ND | 0.1 | % | 1 | 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 15:10        | TPH 8015M        |
| >C12-C28                                  | <b>59.6</b>   | 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        |
| <i>Surrogate: 1-Chlorooctane</i>          | <i>87.0 %</i> |      | <i>70-130</i> |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 15:10</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>             | <i>88.4 %</i> |      | <i>70-130</i> |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 15:10</i> | <i>TPH 8015M</i> |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>59.6</b>   | 25.0 | mg/kg dry     | 1 | [CALC]         | 04/07/21 13:37        | 04/09/21 15:10        | calc             |

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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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>2.0</b> | 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                                  | <b>130</b> | 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 |
| <i>Surrogate: 1-Chlorooctane</i>          | 86.9 %     |      | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 15:33 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>             | 82.7 %     |      | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 15:33 | TPH 8015M |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>130</b> | 25.5 | mg/kg dry | 1 | [CALC]  | 04/07/21 13:37 | 04/09/21 15:33 | calc      |

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 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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>3.0</b> | 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 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.

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

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

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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<br>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.

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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

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

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

**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.

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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

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

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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        |
| <i>Surrogate: 1,4-Difluorobenzene</i>  | <i>108 %</i> | <i>80-120</i> |           |   | <i>P1D0811</i> | <i>04/08/21 15:58</i> | <i>04/09/21 10:26</i> | <i>EPA 8021B</i> |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>111 %</i> | <i>80-120</i> |           |   | <i>P1D0811</i> | <i>04/08/21 15:58</i> | <i>04/09/21 10:26</i> | <i>EPA 8021B</i> |

**General Chemistry Parameters by EPA / Standard Methods**

|                   |             |      |           |   |         |                |                |            |
|-------------------|-------------|------|-----------|---|---------|----------------|----------------|------------|
| <b>Chloride</b>   | <b>9.11</b> | 1.01 | mg/kg dry | 1 | P1D0808 | 04/08/21 12:46 | 04/09/21 10:18 | EPA 300.0  |
| <b>% Moisture</b> | <b>1.0</b>  | 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        |
| <i>Surrogate: 1-Chlorooctane</i>      | <i>87.8 %</i> | <i>70-130</i> |           |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 17:04</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>         | <i>92.0 %</i> | <i>70-130</i> |           |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 17:04</i> | <i>TPH 8015M</i> |
| Total Petroleum Hydrocarbon<br>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.

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

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

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|            |    |     |   |   |         |                |                |            |
|------------|----|-----|---|---|---------|----------------|----------------|------------|
| % Moisture | ND | 0.1 | % | 1 | 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 17:26 | TPH 8015M |
| >C12-C28                                  | <b>25.4</b> | 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 |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>25.4</b> | 25.0 | mg/kg dry | 1 | [CALC]  | 04/07/21 13:37 | 04/09/21 17:26 | 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

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

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

**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 |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 107 %   | 80-120    |   | P1D0811 | 04/08/21 15:58 | 04/09/21 10:47 | EPA 8021B |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>   |    | 88.6 % | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 17:49 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>      |    | 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.

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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

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

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 113 %   | 80-120    |   | P1D0811 | 04/08/21 15:58 | 04/09/21 11:07 | EPA 8021B |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 91.3 % | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 18:12 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 95.2 % | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 18:12 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>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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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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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 |
| <i>Surrogate: 1-Chlorooctane</i>   | 95.8 % |      | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 18:34 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>      | 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.

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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

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

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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        |
| <i>Surrogate: 1,4-Difluorobenzene</i>  | <i>107 %</i> | <i>80-120</i> |           |   | <i>P1D0811</i> | <i>04/08/21 15:58</i> | <i>04/09/21 12:09</i> | <i>EPA 8021B</i> |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>111 %</i> | <i>80-120</i> |           |   | <i>P1D0811</i> | <i>04/08/21 15:58</i> | <i>04/09/21 12:09</i> | <i>EPA 8021B</i> |

**General Chemistry Parameters by EPA / Standard Methods**

|                   |             |      |           |   |         |                |                |            |
|-------------------|-------------|------|-----------|---|---------|----------------|----------------|------------|
| <b>Chloride</b>   | <b>5.73</b> | 1.01 | mg/kg dry | 1 | P1D0808 | 04/08/21 12:46 | 04/09/21 11:40 | EPA 300.0  |
| <b>% Moisture</b> | <b>1.0</b>  | 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        |
| <i>Surrogate: 1-Chlorooctane</i>      | <i>96.5 %</i> | <i>70-130</i> |           |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 19:42</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>         | <i>101 %</i>  | <i>70-130</i> |           |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 19:42</i> | <i>TPH 8015M</i> |
| Total Petroleum Hydrocarbon<br>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<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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<br>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.

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

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

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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        |
| <i>Surrogate: 1-Chlorooctane</i>   | <i>91.6 %</i> |      | <i>70-130</i> |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 20:27</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>      | <i>96.7 %</i> |      | <i>70-130</i> |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 20:27</i> | <i>TPH 8015M</i> |
| 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.

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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-17 @ 1'**  
**1D06003-15 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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<br>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.

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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-17 @ 1'**  
**1D06003-16 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 107 %   | 80-120    |   | P1D0811 | 04/08/21 15:58 | 04/09/21 13:10 | EPA 8021B |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 95.5 % | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 21:11 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 101 %  | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 21:11 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>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.

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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

**ESW-17 @ 1'**  
**1D06003-17 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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<br>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.

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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

**WSW-17 @ 1'**  
**1D06003-18 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 111 %   | 80-120    |   | P1D0811 | 04/08/21 15:58 | 04/09/21 13:51 | EPA 8021B |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 95.3 % | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 21:55 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 99.0 % | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 21:55 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>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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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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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        |
| <i>Surrogate: 1-Chlorooctane</i>   | <i>100 %</i> |      | <i>70-130</i> |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 22:17</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>      | <i>104 %</i> |      | <i>70-130</i> |   | <i>P1D0708</i> | <i>04/07/21 13:37</i> | <i>04/09/21 22:17</i> | <i>TPH 8015M</i> |
| 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.

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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

**SSW-18 @ 1'**  
**1D06003-20 (Soil)**

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

**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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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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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 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 |
| <i>Surrogate: 1-Chlorooctane</i>   |    | 95.9 % | 70-130    |   | P1D0708 | 04/07/21 13:37 | 04/09/21 23:02 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>      |    | 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.

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Odessa TX, 79765

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

**NSW-19 @ 1'**  
**1D06003-22 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 106 %   | 80-120    |   | P1D0811 | 04/08/21 15:58 | 04/09/21 14:32 | EPA 8021B |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>          |             | 101 %       | 70-130    |   | P1D0712 | 04/07/21 16:09 | 04/08/21 10:32 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>             |             | 106 %       | 70-130    |   | P1D0712 | 04/07/21 16:09 | 04/08/21 10:32 | TPH 8015M |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>25.6</b> | <b>25.3</b> | 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<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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        |
| <i>Surrogate: 1,4-Difluorobenzene</i>  | <i>108 %</i> | <i>80-120</i> |           |   | <i>P1D0811</i> | <i>04/08/21 15:58</i> | <i>04/09/21 14:52</i> | <i>EPA 8021B</i> |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>111 %</i> | <i>80-120</i> |           |   | <i>P1D0811</i> | <i>04/08/21 15:58</i> | <i>04/09/21 14:52</i> | <i>EPA 8021B</i> |

**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 | <b>1.0</b> | 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        |
| <i>Surrogate: 1-Chlorooctane</i>      | <i>106 %</i> | <i>70-130</i> |           |   | <i>P1D0712</i> | <i>04/07/21 16:09</i> | <i>04/07/21 22:34</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>         | <i>110 %</i> | <i>70-130</i> |           |   | <i>P1D0712</i> | <i>04/07/21 16:09</i> | <i>04/07/21 22:34</i> | <i>TPH 8015M</i> |
| Total Petroleum Hydrocarbon<br>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.

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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-19 @ 1'**  
**1D06003-24 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 107 %   | 80-120    |   | P1D0811 | 04/08/21 15:58 | 04/09/21 15:13 | EPA 8021B |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 109 % | 70-130    |   | P1D0712 | 04/07/21 16:09 | 04/07/21 22:56 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 113 % | 70-130    |   | P1D0712 | 04/07/21 16:09 | 04/07/21 22:56 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>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.

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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-23 @ 1'**  
**1D06003-25 (Soil)**

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

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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        |
| <i>Surrogate: 1-Chlorooctane</i>   | <i>105 %</i> |      | <i>70-130</i> |   | <i>P1D0712</i> | <i>04/07/21 16:09</i> | <i>04/07/21 23:18</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>      | <i>109 %</i> |      | <i>70-130</i> |   | <i>P1D0712</i> | <i>04/07/21 16:09</i> | <i>04/07/21 23:18</i> | <i>TPH 8015M</i> |
| 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.

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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-23 @ 1'**  
**1D06003-26 (Soil)**

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

**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.

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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-23 @ 1'**  
**1D06003-27 (Soil)**

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

**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.

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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-23 @ 1'**  
**1D06003-28 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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<br>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.

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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-23 @ 1'**  
**1D06003-29 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 111 %   | 80-120    |   | P1D0909 | 04/09/21 13:23 | 04/10/21 01:16 | EPA 8021B |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 103 % | 70-130    |   | P1D0712 | 04/07/21 16:09 | 04/08/21 00:48 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 107 % | 70-130    |   | P1D0712 | 04/07/21 16:09 | 04/08/21 00:48 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND | 25.3  | mg/kg dry | 1 | [CALC]  | 04/07/21 16:09 | 04/08/21 00:48 | calc      |

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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-24 @ 1'**  
**1D06003-30 (Soil)**

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

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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        |
| <i>Surrogate: 1-Chlorooctane</i>   |    | <i>103 %</i> | <i>70-130</i> |   | <i>P1D0712</i> | <i>04/07/21 16:09</i> | <i>04/08/21 01:10</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>      |    | <i>107 %</i> | <i>70-130</i> |   | <i>P1D0712</i> | <i>04/07/21 16:09</i> | <i>04/08/21 01:10</i> | <i>TPH 8015M</i> |
| 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.

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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-24 @ 1'**  
**1D06003-31 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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 |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 113 %   | 80-120    |   | P1D0909 | 04/09/21 13:23 | 04/10/21 01:36 | EPA 8021B |
| <i>Surrogate: 1,4-Difluorobenzene</i>  |    | 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 |
| <i>Surrogate: 1-Chlorooctane</i>      |    | 103 % | 70-130    |   | P1D0712 | 04/07/21 16:09 | 04/08/21 02:18 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>         |    | 105 % | 70-130    |   | P1D0712 | 04/07/21 16:09 | 04/08/21 02:18 | TPH 8015M |
| Total Petroleum Hydrocarbon<br>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.

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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

**SSW-24 @ 1'**  
**1D06003-32 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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<br>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.

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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-24 @ 1'**  
**1D06003-33 (Soil)**

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

**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.

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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-24 @ 1'**  
**1D06003-34 (Soil)**

| Analyte | Limit<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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<br>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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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        |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>110 %</i> | <i>80-120</i> |           |   | <i>P1D0909</i> | <i>04/09/21 13:23</i> | <i>04/10/21 02:58</i> | <i>EPA 8021B</i> |
| <i>Surrogate: 1,4-Difluorobenzene</i>  | <i>108 %</i> | <i>80-120</i> |           |   | <i>P1D0909</i> | <i>04/09/21 13:23</i> | <i>04/10/21 02:58</i> | <i>EPA 8021B</i> |

**General Chemistry Parameters by EPA / Standard Methods**

|                 |             |      |           |   |         |                |                |            |
|-----------------|-------------|------|-----------|---|---------|----------------|----------------|------------|
| <b>Chloride</b> | <b>3.23</b> | 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        |
| <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 04:12</i> | <i>TPH 8015M</i> |
| <i>Surrogate: o-Terphenyl</i>         | <i>101 %</i>  | <i>70-130</i> |           |   | <i>P1D0712</i> | <i>04/07/21 16:09</i> | <i>04/08/21 04:12</i> | <i>TPH 8015M</i> |
| Total Petroleum Hydrocarbon<br>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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**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<br>Result | Reporting<br>Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|
|---------|-----------------|--------------------|----------|-------|----------|----------|--------|-------|

**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<br>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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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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>1.0</b> | 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**

|   |               |      |               |   |                |                       |                       |                  |
|---|---------------|------|---------------|---|----------------|-----------------------|-----------------------|------------------|
| <b>C6-C12</b>                             | <b>35.9</b>   | 25.3 | mg/kg dry     | 1 | P1D0712        | 04/07/21 16:09        | 04/08/21 05:20        | TPH 8015M        |
| <b>&gt;C12-C28</b>                        | <b>1190</b>   | 25.3 | mg/kg dry     | 1 | P1D0712        | 04/07/21 16:09        | 04/08/21 05:20        | TPH 8015M        |
| <b>&gt;C28-C35</b>                        | <b>197</b>    | 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> |
| <b>Total Petroleum Hydrocarbon C6-C35</b> | <b>1420</b>   | 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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch P1D0811 - \*\*\* DEFAULT PREP \*\*\***

| Blank (P1D0811-BLK1) <span style="float:right">Prepared: 04/08/21 Analyzed: 04/09/21</span> |       |         |           |       |  |     |        |  |  |  |
|---|-------|---------|-----------|-------|--|-----|--------|--|--|--|
| 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) <span style="float:right">Prepared: 04/08/21 Analyzed: 04/09/21</span> |        |         |           |       |  |      |        |  |  |  |
|--|--------|---------|-----------|-------|--|------|--------|--|--|--|
| 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) <span style="float:right">Prepared: 04/08/21 Analyzed: 04/09/21</span> |        |         |           |       |  |      |        |      |    |  |
|---|--------|---------|-----------|-------|--|------|--------|------|----|--|
| 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) <span style="float:right">Prepared: 04/08/21 Analyzed: 04/09/21</span> |       |  |           |       |  |     |        |  |  |  |
|---|-------|--|-----------|-------|--|-----|--------|--|--|--|
| 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.

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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PID0811 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Blank (PID0811-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 (PID0811-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 (PID0811-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 (PID0811-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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch P1D0811 - \*\*\* DEFAULT PREP \*\*\***

| <b>Matrix Spike (P1D0811-MS1)</b> | <b>Source: 1D01010-03</b> |         |           | 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 |  |  |       |

| <b>Matrix Spike Dup (P1D0811-MSD1)</b> | <b>Source: 1D01010-03</b> |         |           | 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 \*\*\***

| <b>Blank (P1D0909-BLK1)</b>     | 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 |  |  |  |  |

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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

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

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

**Batch PID0909 - \*\*\* DEFAULT PREP \*\*\***

| <b>LCS (PID0909-BS1)</b>        |        |         |           |       |  |      |        |  |  |  |
|---------------------------------|--------|---------|-----------|-------|--|------|--------|--|--|--|
| 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 |  |  |  |

| <b>LCS Dup (PID0909-BSD1)</b>   |        |         |           |       |  |      |        |       |    |  |
|---------------------------------|--------|---------|-----------|-------|--|------|--------|-------|----|--|
| 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 |       |    |  |

| <b>Calibration Blank (PID0909-CCB1)</b> |       |  |           |       |  |     |        |  |  |  |
|---|-------|--|-----------|-------|--|-----|--------|--|--|--|
| 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 |  |  |  |

| <b>Calibration Blank (PID0909-CCB2)</b> |       |  |           |       |  |     |        |  |  |  |
|---|-------|--|-----------|-------|--|-----|--------|--|--|--|
| 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 |  |  |  |

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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

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

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

**Batch PID0909 - \*\*\* DEFAULT PREP \*\*\***

| <b>Calibration Check (PID0909-CCV1)</b> |        |         | 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 |  |  |  |

| <b>Calibration Check (PID0909-CCV2)</b> |        |         | 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 |  |  |  |

| <b>Calibration Check (PID0909-CCV3)</b> |        |         | 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 |  |  |  |

| <b>Matrix Spike (PID0909-MS1)</b> |        |         | 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 |  |  |       |

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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch P1D0909 - \*\*\* DEFAULT PREP \*\*\***

| <b>Matrix Spike Dup (P1D0909-MSD1)</b> | <b>Source: 1D06003-26</b> |         |           | 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 |      |    |       |

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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 |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch P1D0705 - *** DEFAULT PREP ***</b>                                      |        |                 |       |             |               |      |             |      |           |       |
| <b>Blank (P1D0705-BLK1)</b> Prepared & Analyzed: 04/07/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Blank (P1D0705-BLK2)</b> Prepared & Analyzed: 04/07/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Blank (P1D0705-BLK3)</b> Prepared & Analyzed: 04/07/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Blank (P1D0705-BLK4)</b> Prepared & Analyzed: 04/07/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Blank (P1D0705-BLK5)</b> Prepared & Analyzed: 04/07/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Blank (P1D0705-BLK6)</b> Prepared & Analyzed: 04/07/21                        |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | ND     | 0.1             | %     |             |               |      |             |      |           |       |
| <b>Duplicate (P1D0705-DUP1)</b> Source: 1D06001-10 Prepared & Analyzed: 04/07/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 15.0   | 0.1             | %     |             | 16.0          |      |             | 6.45 | 20        |       |
| <b>Duplicate (P1D0705-DUP2)</b> Source: 1D06001-20 Prepared & Analyzed: 04/07/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 11.0   | 0.1             | %     |             | 10.0          |      |             | 9.52 | 20        |       |
| <b>Duplicate (P1D0705-DUP3)</b> Source: 1D06002-05 Prepared & Analyzed: 04/07/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 13.0   | 0.1             | %     |             | 13.0          |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1D0705-DUP4)</b> Source: 1D06002-15 Prepared & Analyzed: 04/07/21 |        |                 |       |             |               |      |             |      |           |       |
| % Moisture   | 13.0   | 0.1             | %     |             | 13.0          |      |             | 0.00 | 20        |       |

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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 |
|---|--------|---------------------------|-----------|-------------|-------------------------------|------|-------------|-------|-----------|-------|
| <b>Batch P1D0705 - *** DEFAULT PREP ***</b> |        |                           |           |             |                               |      |             |       |           |       |
| <b>Duplicate (P1D0705-DUP5)</b>             |        | <b>Source: 1D06002-30</b> |           |             | Prepared & Analyzed: 04/07/21 |      |             |       |           |       |
| % Moisture                                  | 14.0   | 0.1                       | %         |             | 14.0                          |      |             | 0.00  | 20        |       |
| <b>Duplicate (P1D0705-DUP6)</b>             |        | <b>Source: 1D06002-40</b> |           |             | Prepared & Analyzed: 04/07/21 |      |             |       |           |       |
| % Moisture                                  | 13.0   | 0.1                       | %         |             | 13.0                          |      |             | 0.00  | 20        |       |
| <b>Duplicate (P1D0705-DUP7)</b>             |        | <b>Source: 1D06003-13</b> |           |             | Prepared & Analyzed: 04/07/21 |      |             |       |           |       |
| % Moisture                                  | ND     | 0.1                       | %         |             | 1.0                           |      |             | 200   | 20        |       |
| <b>Duplicate (P1D0705-DUP8)</b>             |        | <b>Source: 1D06003-23</b> |           |             | Prepared & Analyzed: 04/07/21 |      |             |       |           |       |
| % Moisture                                  | 1.0    | 0.1                       | %         |             | 1.0                           |      |             | 0.00  | 20        |       |
| <b>Duplicate (P1D0705-DUP9)</b>             |        | <b>Source: 1D06003-38</b> |           |             | Prepared & Analyzed: 04/07/21 |      |             |       |           |       |
| % Moisture                                  | 1.0    | 0.1                       | %         |             | 1.0                           |      |             | 0.00  | 20        |       |
| <b>Duplicate (P1D0705-DUPA)</b>             |        | <b>Source: 1D06005-06</b> |           |             | Prepared & Analyzed: 04/07/21 |      |             |       |           |       |
| % Moisture                                  | 3.0    | 0.1                       | %         |             | 3.0                           |      |             | 0.00  | 20        |       |
| <b>Batch P1D0802 - *** DEFAULT PREP ***</b> |        |                           |           |             |                               |      |             |       |           |       |
| <b>Blank (P1D0802-BLK1)</b>                 |        |                           |           |             | Prepared & Analyzed: 04/08/21 |      |             |       |           |       |
| Chloride                                    | ND     | 1.00                      | mg/kg wet |             |                               |      |             |       |           |       |
| <b>LCS (P1D0802-BS1)</b>                    |        |                           |           |             | Prepared & Analyzed: 04/08/21 |      |             |       |           |       |
| Chloride                                    | 398    | 1.00                      | mg/kg wet | 400         |                               | 99.5 | 90-110      |       |           |       |
| <b>LCS Dup (P1D0802-BSD1)</b>               |        |                           |           |             | Prepared & Analyzed: 04/08/21 |      |             |       |           |       |
| Chloride                                    | 402    | 1.00                      | mg/kg wet | 400         |                               | 100  | 90-110      | 0.913 | 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 |
|---|--------|-----------------|-----------|---------------------------------------|---------------|-------------------------------|-------------|-------|-----------|-------|
| <b>Batch P1D0802 - *** DEFAULT PREP ***</b> |        |                 |           |                                       |               |                               |             |       |           |       |
| <b>Calibration Check (P1D0802-CCV1)</b>     |        |                 |           | Prepared & Analyzed: 04/08/21         |               |                               |             |       |           |       |
| Chloride                                    | 20.1   |                 | mg/kg     | 20.0                                  |               | 101                           | 90-110      |       |           |       |
| <b>Calibration Check (P1D0802-CCV2)</b>     |        |                 |           | Prepared: 04/08/21 Analyzed: 04/09/21 |               |                               |             |       |           |       |
| Chloride                                    | 20.4   |                 | mg/kg     | 20.0                                  |               | 102                           | 90-110      |       |           |       |
| <b>Calibration Check (P1D0802-CCV3)</b>     |        |                 |           | Prepared & Analyzed: 04/08/21         |               |                               |             |       |           |       |
| Chloride                                    | 20.2   |                 | mg/kg     | 20.0                                  |               | 101                           | 90-110      |       |           |       |
| <b>Matrix Spike (P1D0802-MS1)</b>           |        |                 |           | Source: 1D07006-01                    |               | Prepared & Analyzed: 04/08/21 |             |       |           |       |
| Chloride                                    | 608    | 1.06            | mg/kg dry | 532                                   | 41.3          | 107                           | 80-120      |       |           |       |
| <b>Matrix Spike (P1D0802-MS2)</b>           |        |                 |           | Source: 1D06003-36                    |               | Prepared & Analyzed: 04/08/21 |             |       |           |       |
| Chloride                                    | 475    | 1.00            | mg/kg dry | 500                                   | 3.23          | 94.4                          | 80-120      |       |           |       |
| <b>Matrix Spike Dup (P1D0802-MSD1)</b>      |        |                 |           | Source: 1D07006-01                    |               | Prepared & Analyzed: 04/08/21 |             |       |           |       |
| Chloride                                    | 609    | 1.06            | mg/kg dry | 532                                   | 41.3          | 107                           | 80-120      | 0.222 | 20        |       |
| <b>Matrix Spike Dup (P1D0802-MSD2)</b>      |        |                 |           | 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        |       |
| <b>Batch P1D0807 - *** DEFAULT PREP ***</b> |        |                 |           |                                       |               |                               |             |       |           |       |
| <b>Blank (P1D0807-BLK1)</b>                 |        |                 |           | Prepared: 04/08/21 Analyzed: 04/09/21 |               |                               |             |       |           |       |
| Chloride                                    | ND     | 1.00            | mg/kg wet |                                       |               |                               |             |       |           |       |
| <b>LCS (P1D0807-BS1)</b>                    |        |                 |           | Prepared: 04/08/21 Analyzed: 04/09/21 |               |                               |             |       |           |       |
| Chloride                                    | 387    | 1.00            | mg/kg wet | 400                                   |               | 96.7                          | 90-110      |       |           |       |

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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 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 |  |  |  |  |  |  |  |
|----------|----|------|-----------|--|--|--|--|--|--|--|

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 |
|---|--------|-----------------|-----------|-------------|---------------|------|-------------|-------|-----------|-------|
| <b>Batch P1D0808 - *** DEFAULT PREP ***</b>   |        |                 |           |             |               |      |             |       |           |       |
| <b>LCS (P1D0808-BS1)</b> Prepared: 04/08/21 Analyzed: 04/09/21                                  |        |                 |           |             |               |      |             |       |           |       |
| Chloride  | 391    | 1.00            | mg/kg wet | 400         |               | 97.9 | 90-110      |       |           |       |
| <b>LCS Dup (P1D0808-BSD1)</b> Prepared: 04/08/21 Analyzed: 04/09/21                             |        |                 |           |             |               |      |             |       |           |       |
| Chloride  | 388    | 1.00            | mg/kg wet | 400         |               | 97.1 | 90-110      | 0.805 | 20        |       |
| <b>Calibration Check (P1D0808-CCV1)</b> Prepared: 04/08/21 Analyzed: 04/09/21                   |        |                 |           |             |               |      |             |       |           |       |
| Chloride  | 18.8   |                 | mg/kg     | 20.0        |               | 94.2 | 90-110      |       |           |       |
| <b>Calibration Check (P1D0808-CCV2)</b> Prepared: 04/08/21 Analyzed: 04/09/21                   |        |                 |           |             |               |      |             |       |           |       |
| Chloride  | 19.1   |                 | mg/kg     | 20.0        |               | 95.3 | 90-110      |       |           |       |
| <b>Calibration Check (P1D0808-CCV3)</b> Prepared: 04/08/21 Analyzed: 04/09/21                   |        |                 |           |             |               |      |             |       |           |       |
| Chloride  | 19.3   |                 | mg/kg     | 20.0        |               | 96.7 | 90-110      |       |           |       |
| <b>Matrix Spike (P1D0808-MS1)</b> 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      |       |           |       |
| <b>Matrix Spike (P1D0808-MS2)</b> Source: 1D06003-22 Prepared: 04/08/21 Analyzed: 04/09/21      |        |                 |           |             |               |      |             |       |           |       |
| Chloride  | 472    | 1.01            | mg/kg dry | 505         | ND            | 93.4 | 80-120      |       |           |       |
| <b>Matrix Spike Dup (P1D0808-MSD1)</b> 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        |       |
| <b>Matrix Spike Dup (P1D0808-MSD2)</b> 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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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PID0707 - TX 1005**

**Blank (PID0707-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 (PID0707-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 (PID0707-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 (PID0707-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 (PID0707-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 |  |  |  |

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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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 |  |  |  |

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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 |
|---|--------|---------------------------|-----------|-------------|---------------------------------------|------|-------------|--------|-----------|-------|
| <b>Batch P1D0708 - TX 1005</b>          |        |                           |           |             |                                       |      |             |        |           |       |
| <b>LCS Dup (P1D0708-BSD1)</b>           |        |                           |           |             |                                       |      |             |        |           |       |
|   |        |                           |           |             | 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      |        |           |       |
| <b>Calibration Check (P1D0708-CCV1)</b> |        |                           |           |             |                                       |      |             |        |           |       |
|   |        |                           |           |             | 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      |        |           |       |
| <b>Calibration Check (P1D0708-CCV2)</b> |        |                           |           |             |                                       |      |             |        |           |       |
|   |        |                           |           |             | 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      |        |           |       |
| <b>Matrix Spike (P1D0708-MS1)</b>       |        |                           |           |             |                                       |      |             |        |           |       |
|   |        | <b>Source: 1D06003-21</b> |           |             | 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      |        |           |       |
| <b>Matrix Spike Dup (P1D0708-MSD1)</b>  |        |                           |           |             |                                       |      |             |        |           |       |
|   |        | <b>Source: 1D06003-21</b> |           |             | 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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Page 56 of 63

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch PID0712 - TX 1005**

**Blank (PID0712-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 (PID0712-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 (PID0712-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 (PID0712-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 (PID0712-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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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

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









**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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|  |            |      |           |   |         |                |                |            |
|--|------------|------|-----------|---|---------|----------------|----------------|------------|
| <b>% Moisture</b>  | <b>1.0</b> | 0.1  | %         | 1 | P1E2408 | 05/24/21 11:25 | 05/24/21 11:33 | ASTM D2216 |
| <b>Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M</b> |            |      |           |   |         |                |                |            |
| 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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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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>3.0</b> | 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 |
| <i>Surrogate: 1-Chlorooctane</i>   | 80.5 % |      | 70-130    |   | P1E2406 | 05/24/21 10:20 | 05/25/21 04:50 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>      | 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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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 |
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|
|---------|--------------|-----------------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|                   |            |     |   |   |         |                |                |            |
|-------------------|------------|-----|---|---|---------|----------------|----------------|------------|
| <b>% Moisture</b> | <b>2.0</b> | 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     | 25.5 | 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 |
| <i>Surrogate: 1-Chlorooctane</i>   | 86.7 % |      | 70-130    |   | P1E2406 | 05/24/21 10:20 | 05/25/21 05:13 | TPH 8015M |
| <i>Surrogate: o-Terphenyl</i>      | 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.

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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

**Stockpile**  
**1E21012-04 (Soil)**

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

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

|  |               |      |               |   |                |                       |                       |                  |
|--|---------------|------|---------------|---|----------------|-----------------------|-----------------------|------------------|
| <b>% Moisture</b>  | <b>2.0</b>    | 0.1  | %             | 1 | P1E2408        | 05/24/21 11:25        | 05/24/21 11:33        | ASTM D2216       |
| <b>Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M</b> |               |      |               |   |                |                       |                       |                  |
| <b>C6-C12</b>  | <b>28.7</b>   | 25.5 | mg/kg dry     | 1 | P1E2406        | 05/24/21 10:20        | 05/25/21 05:36        | TPH 8015M        |
| <b>&gt;C12-C28</b>   | <b>1120</b>   | 25.5 | mg/kg dry     | 1 | P1E2406        | 05/24/21 10:20        | 05/25/21 05:36        | TPH 8015M        |
| <b>&gt;C28-C35</b>   | <b>179</b>    | 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> |
| <b>Total Petroleum Hydrocarbon C6-C35</b>                      | <b>1330</b>   | 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                         |
|---|--------|---------------------------|-------|-------------|---------------|------|-------------|------|-----------|-------------------------------|
| <b>Batch P1E2408 - *** DEFAULT PREP ***</b> |        |                           |       |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK1)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK2)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK3)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK4)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK5)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK6)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK7)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK8)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Blank (P1E2408-BLK9)</b>                 |        |                           |       |             |               |      |             |      |           | Prepared & Analyzed: 05/24/21 |
| % Moisture                                  | ND     | 0.1                       | %     |             |               |      |             |      |           |                               |
| <b>Duplicate (P1E2408-DUP1)</b>             |        | <b>Source: 1E21004-01</b> |       |             |               |      |             |      |           | 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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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 |
|---|---------------------------|-----------------|--|-------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch P1E2408 - *** DEFAULT PREP ***</b> |                           |                 |  |             |               |      |             |      |           |       |
| <b>Duplicate (P1E2408-DUP2)</b>             | <b>Source: 1E21006-01</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 1.0                       | 0.1             | %  |             | 1.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1E2408-DUP3)</b>             | <b>Source: 1E21007-10</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 7.0                       | 0.1             | %  |             | 7.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1E2408-DUP4)</b>             | <b>Source: 1E21007-20</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 13.0                      | 0.1             | %  |             | 13.0          |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1E2408-DUP5)</b>             | <b>Source: 1E21010-08</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 5.0                       | 0.1             | %  |             | 5.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1E2408-DUP6)</b>             | <b>Source: 1E21010-18</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 3.0                       | 0.1             | %  |             | 3.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1E2408-DUP7)</b>             | <b>Source: 1E21011-04</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 3.0                       | 0.1             | %  |             | 4.0           |      |             | 28.6 | 20        |       |
| <b>Duplicate (P1E2408-DUP8)</b>             | <b>Source: 1E21014-02</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 6.0                       | 0.1             | %  |             | 6.0           |      |             | 0.00 | 20        |       |
| <b>Duplicate (P1E2408-DUP9)</b>             | <b>Source: 1E21016-10</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 6.0                       | 0.1             | %  |             | 7.0           |      |             | 15.4 | 20        |       |
| <b>Duplicate (P1E2408-DUPA)</b>             | <b>Source: 1E21019-03</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % Moisture                                  | 11.0                      | 0.1             | %  |             | 10.0          |      |             | 9.52 | 20        |       |
| <b>Duplicate (P1E2408-DUPB)</b>             | <b>Source: 1E21019-18</b> |                 | <b>Prepared &amp; Analyzed: 05/24/21</b> |             |               |      |             |      |           |       |
| % 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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch P1E2408 - \*\*\* DEFAULT PREP \*\*\***

|                                 |      |                           |   |  |                               |  |  |      |    |  |
|---------------------------------|------|---------------------------|---|--|-------------------------------|--|--|------|----|--|
| <b>Duplicate (P1E2408-DUPC)</b> |      | <b>Source: 1E21019-28</b> |   |  | Prepared & Analyzed: 05/24/21 |  |  |      |    |  |
| % Moisture                      | 15.0 | 0.1                       | % |  | 15.0                          |  |  | 0.00 | 20 |  |
| <b>Duplicate (P1E2408-DUPD)</b> |      | <b>Source: 1E21020-01</b> |   |  | Prepared & Analyzed: 05/24/21 |  |  |      |    |  |
| % Moisture                      | 3.0  | 0.1                       | % |  | 3.0                           |  |  | 0.00 | 20 |  |
| <b>Duplicate (P1E2408-DUPE)</b> |      | <b>Source: 1E21020-11</b> |   |  | Prepared & Analyzed: 05/24/21 |  |  |      |    |  |
| % Moisture                      | 4.0  | 0.1                       | % |  | 3.0                           |  |  | 28.6 | 20 |  |
| <b>Duplicate (P1E2408-DUPF)</b> |      | <b>Source: 1E21021-02</b> |   |  | Prepared & Analyzed: 05/24/21 |  |  |      |    |  |
| % Moisture                      | 9.0  | 0.1                       | % |  | 9.0                           |  |  | 0.00 | 20 |  |
| <b>Duplicate (P1E2408-DUPG)</b> |      | <b>Source: 1E21021-12</b> |   |  | Prepared & Analyzed: 05/24/21 |  |  |      |    |  |
| % Moisture                      | 13.0 | 0.1                       | % |  | 11.0                          |  |  | 16.7 | 20 |  |

**Batch P1E2409 - \*\*\* DEFAULT PREP \*\*\***

|                             |    |                               |   |  |  |  |  |  |  |  |
|-----------------------------|----|-------------------------------|---|--|--|--|--|--|--|--|
| <b>Blank (P1E2409-BLK1)</b> |    | 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 |
|---|--------|-----------------|-----------|-------------|---------------------------------------|------|-------------|------|-----------|-------|
| <b>Batch P1E2406 - TX 1005</b>          |        |                 |           |             |                                       |      |             |      |           |       |
| <b>Blank (P1E2406-BLK1)</b>             |        |                 |           |             |                                       |      |             |      |           |       |
|   |        |                 |           |             | 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      |      |           |       |
| <b>LCS (P1E2406-BS1)</b>                |        |                 |           |             |                                       |      |             |      |           |       |
|   |        |                 |           |             | 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      |      |           |       |
| <b>LCS Dup (P1E2406-BSD1)</b>           |        |                 |           |             |                                       |      |             |      |           |       |
|   |        |                 |           |             | 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      |      |           |       |
| <b>Calibration Check (P1E2406-CCV1)</b> |        |                 |           |             |                                       |      |             |      |           |       |
|   |        |                 |           |             | 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      |      |           |       |
| <b>Calibration Check (P1E2406-CCV2)</b> |        |                 |           |             |                                       |      |             |      |           |       |
|   |        |                 |           |             | 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      |      |           |       |

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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**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 |      |    |  |

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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

**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.



**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)l  | 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.

Oil Conservation Division

|                |  |
|----------------|--|
| Incident ID    |  |
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

|   |  |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release?<br>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

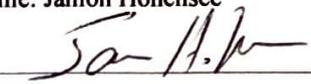
*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

- The source of the release has been stopped.
- The impacted area has been secured to protect human health and the environment.
- Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: 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>    &lt;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 <b>not</b> 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 1/2-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

|                |               |
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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    |  |
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Incident ID NRM2033536188

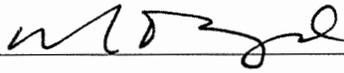
### Closure

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

|                |               |
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| Incident ID    | nRM2033536188 |
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## Remediation Plan

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

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

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

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Nikki Mishler Title: 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

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**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

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**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

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**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>  
**Sent:** Thursday, March 10, 2022 10:03 AM  
**To:** Montgomery Floyd <[Montgomery.Floyd@cdevinc.com](mailto: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](mailto: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

|                |               |
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### Remediation Plan

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Printed Name: Nikki Mishler Title: Senior Environmental Representative  
 Signature: *Nikki Mishler* 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: *Robert Hamlet* 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:<br>CENTENNIAL RESOURCE PRODUCTION, LLC<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 | OGRID:<br>372165  |
|  | Action Number:<br>106732                                  |
|  | Action Type:<br>[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       |