



November 7, 2022

District Supervisor  
Oil Conservation Division, District 1  
1625 North French Drive  
Hobbs, New Mexico 88240

**Re: Closure Report  
ConocoPhillips Company  
Wilder Central Tank Battery Release  
Unit Letter A, Section 29, Township 26 South, Range 32 East  
Lea County, New Mexico  
Incident ID: NAPP2124238725**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to evaluate a release that occurred from the load line at the Wilder Central Tank Battery (CTB). The release footprint is located in Public Land Survey System (PLSS) Unit Letter A, Section 29, Township 26 South, Range 32 East, in Lea County, New Mexico (Site). The approximate release point is located at coordinates 32.020027°, -103.689341°, as shown on Figures 1 and 2.

## BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release was discovered on August 16, 2021. The release was reported as the result of a leak on the load line at the Wilder CTB. 16.5 barrels (bbls) of produced water were reported released, of which 16.5 bbls were recovered. Based on correspondence with Charles Beauvais, an Environmental Coordinator at COP, 8.3 bbls of storm water were already present in the containment area, of which 8.3 bbls were recovered with the produced water during initial response. The New Mexico Oil Conservation District (NMOCD) received the initial C-141 report form for the release on August 31, 2021. The NMOCD Incident ID for this release is NAPP2124238725.

A closure report was previously submitted for this release by COP on August 19, 2021. The closure report was rejected by NMOCD on September 29, 2021. The reasons for the rejection are as follows:

- *"The liner inspection requires that the gravel be removed, and pictures taken of the clean intact liner in the release.*
- *Also, need a liner inspection report stating that the gravel was removed, and the liner had no rips, tears, or holes.*
- *Please include pictures of clean liner and liner inspection report with the updated report."*

Since the date of the rejection, COP requested, and was granted, an extension from the NMOCD to March 2, 2022. NMOCD correspondence rejecting the initial closure report and extension correspondence are presented in Appendix B.

## PREVIOUS RELEASE INCIDENT

Prior to the NAPP2124238725 incident, a release was discovered at the Wilder CTB on December 10, 2019. The NMOCD Incident ID for the December 2019 release is NRM2002732527. This release occurred due to a gun barrel tank leak. The release was assessed in January and February 2020 by Etech Environmental & Safety Solutions, Inc. (Etech). A Site Assessment Report and Proposed Remediation

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

Closure Report  
November 7, 2022

ConocoPhillips

Workplan was submitted to the NMOCD by Etech. The Remediation Workplan was approved by the Robert Hamlet of the NMOCD via email on June 10, 2020.

Due to the NAPP2124238725 release occurring atop the NRM2002732527 release, the remediation activities to address the incidents were conducted concurrently. A separate closure report has been prepared and submitted to the NMOCD for the NRM2002732527 release.

## SITE ASSESSMENT ACTIVITIES AND SAMPLING RESULTS

On February 10, 2022, Tetra Tech personnel were onsite to conduct a soil assessment at the release site. A total of five (5) trenches (T-1 through T-5) were installed using a mini-excavator to define the extents of the release and to assess the extent of impacted soil. T-1 was installed to a depth of 13 feet bgs to delineate the vertical extent of impacted soil. T-2 through T-5 were installed to a depth of 4 feet bgs to delineate the horizontal extent of impacted soil. The Wilder CTB release extent and trench locations are shown on Figure 3. Photographic documentation of the site is included in Appendix C.

A total of twenty-three (23) soil samples were collected from the five (5) trench locations within and surrounding the release extent. These soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH by EPA method 8015 modified, BTEX by EPA method 8021B, and chlorides by Standard Method 4500CL-B.

Results from the February 2022 soil sampling event are summarized in Table 1. The analytical results associated with trench location T-1 exceeded the chloride reclamation requirements for soils above 4 feet bgs of 600 mg/kg down to 3 feet bgs. There were no exceedances of Site RRALs for samples collected during the site assessment activities. All analytical results associated with soil samples from T-2 through T-5 were below Site RRALs for chlorides, BTEX, and TPH. Horizontal and vertical delineation was achieved during this assessment.

## DEFERRAL REQUEST REJECTION

Based on the results of the site assessment, Tetra Tech, on behalf of COP, submitted a Release Characterization and Deferral Request report to the NMOCD on February 22, 2022 with fee application payment PO Number YHFV7-220222-C-1410. The request for deferral of the remediation of the release area was based on the vicinity of production tanks and piping to the affected area. The Deferral Request was rejected via email by Chad Hensley on Tuesday, March 22, 2022. The following reasoning for rejection of the request for referral was included in the email:

- *“Remediation around T-1 is not complete. Due to high karst area the OCD request further action. The OCD will not defer a release w[h]ere containments can be removed safely. The OCD request that the area around T-1 be remediated to 3ft and OCD will consider the project for closure.”*

A copy of the deferral request rejection email correspondence is included in Appendix B.

## REVISED SITE CHARACTERIZATION

As stated in the reasoning above, the rejection was based on the Site being classified as within a high karst potential area. However, based on the latest data provided on the NMOCD Oil and Gas Map (Appendix B), the Site is no longer classified as having high karst potential; therefore, COP requests that the Site RRALs be reevaluated and determined based on depth to groundwater in the vicinity of the Site, as detailed below.

A site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, stream bodies, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of medium karst potential.

Closure Report  
November 7, 2022

ConocoPhillips

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no wells with water level data within ½ mile (800 meters) of the Site. The search radius was expanded and based on available data from three (3) water wells located within 950 meters (approximately 0.59 miles) of the Site, the average depth to groundwater is 278 feet below ground surface (bgs) with a minimum depth to groundwater of 180 feet bgs. The site characterization data is included in Appendix D.

## REVISED REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

| Constituent       | Site RRALs   |
|-------------------|--------------|
| Chloride          | 20,000 mg/kg |
| TPH (GRO+DRO+MRO) | 2,500 mg/kg  |
| GRO+DRO           | 1,000 mg/kg  |
| BTEX              | 50 mg/kg     |
| Benzene           | 10 mg/kg     |

Additionally, in accordance with the NMOCD guidance *Procedures for Implementation of the Spill Rule (19.15.29 NMAC)* (September 6, 2019), the following reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations are as follows:

| Constituent | Reclamation Requirements |
|-------------|--------------------------|
| Chloride    | 600 mg/kg                |
| TPH         | 100 mg/kg                |

## SUMMARY OF REMEDIAL ACTIVITIES

From June 15 – August 2, 2022, Tetra Tech personnel were onsite to supervise the remediation activities at the Site, including excavation, disposal, and confirmation sampling. Impacted soils were excavated until a representative sample from the walls and bottom of the excavation had a field screening value inferred as lower than the RRALs for the Site. Prior to confirmation sampling, on June 14, 2022, the NMOCD division district office was notified via email in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix B. Once field screening was completed, confirmation floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were properly removed. Each confirmation sample laboratory analytical result was directly compared to the proposed RRALs to demonstrate compliance.

In accordance with Subsection D of 19.15.29.12 NMAC, confirmation samples were collected such that each discrete sample (sidewall and floor) were representative of no more than 200 square feet of excavated area. A total of twelve (12) floor sample locations and nine (9) sidewall sample locations were used during the remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, depths and confirmation sample locations are indicated in Figure 4.

Collected confirmation samples to be submitted for analysis were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal Laboratories in Hobbs, New Mexico. The soil samples were analyzed for TPH (GRO, DRO and ORO) by

Closure Report  
November 7, 2022

ConocoPhillips

EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

In accordance with comments provided by Mr. Hensley in the deferral request rejection email, confirmation laboratory analytical results, the impacted area was excavated to a maximum depth of 4 feet below pre-release grade. All final confirmation soil samples (floor and sidewall) were below the Site RRALs for chloride, BTEX, and TPH. Additionally, all final confirmation sample results were below reclamation requirements with the exception of FS-13 for chloride (7,040 mg/kg) which is still below new revised Site RRALs. The results of the March 2022 confirmation sampling events are summarized in Table 2.

All the excavated material was transported offsite for proper disposal. Approximately 516 cubic yards of material were transported to the Milestone Orla Landfill facility in Reeves County, Texas during remediation activities to address the NAPP2124238725 and NRM2002732527 releases. Photographs from the excavated areas prior to backfill are provided in Appendix C. Once confirmation sampling activities were completed and associated analytical results were below the RRALs, the excavated areas were backfilled with clean material to surface grade. Copies of the waste manifests are included in Appendix F.

Although analytical results associated with the floor sample locations FS-13 exceeded the reclamation requirements used to complete restoration, the remaining contamination is on a developed pad, fully delineated, and does not pose an imminent risk to human health, the environment, or groundwater. The impacted surface area occurring on the developed pad at the site was remediated to meet the standards of Table I of 19.15.29.12 NMAC.

## CONCLUSION

ConocoPhillips has completed remediation at the release site. Per the conditions of the previous NMOCD rejection (remediation around T-1 to 3' bgs) remediation is complete. Based on the confirmation sampling results and remediation activities performed, ConocoPhillips respectfully requests closure of the release. This final closure report details the release characterization and remediation activities and the results of the confirmation sampling. On-site reclamation and restoration will occur once the battery is abandoned, and operations have ceased at this active well pad.

The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,  
**Tetra Tech, Inc.**



Ryan C Dickerson  
Project Lead



Christian M. Llull, P.G.  
Project Manager

cc:  
Mr. Sam Widmer, RMR – ConocoPhillips  
Mr. Charles Beauvais, GPBU - ConocoPhillips



Closure Report  
November 7, 2022

ConocoPhillips

## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment
- Figure 4 – Remediation Extent and Confirmation Sample Locations

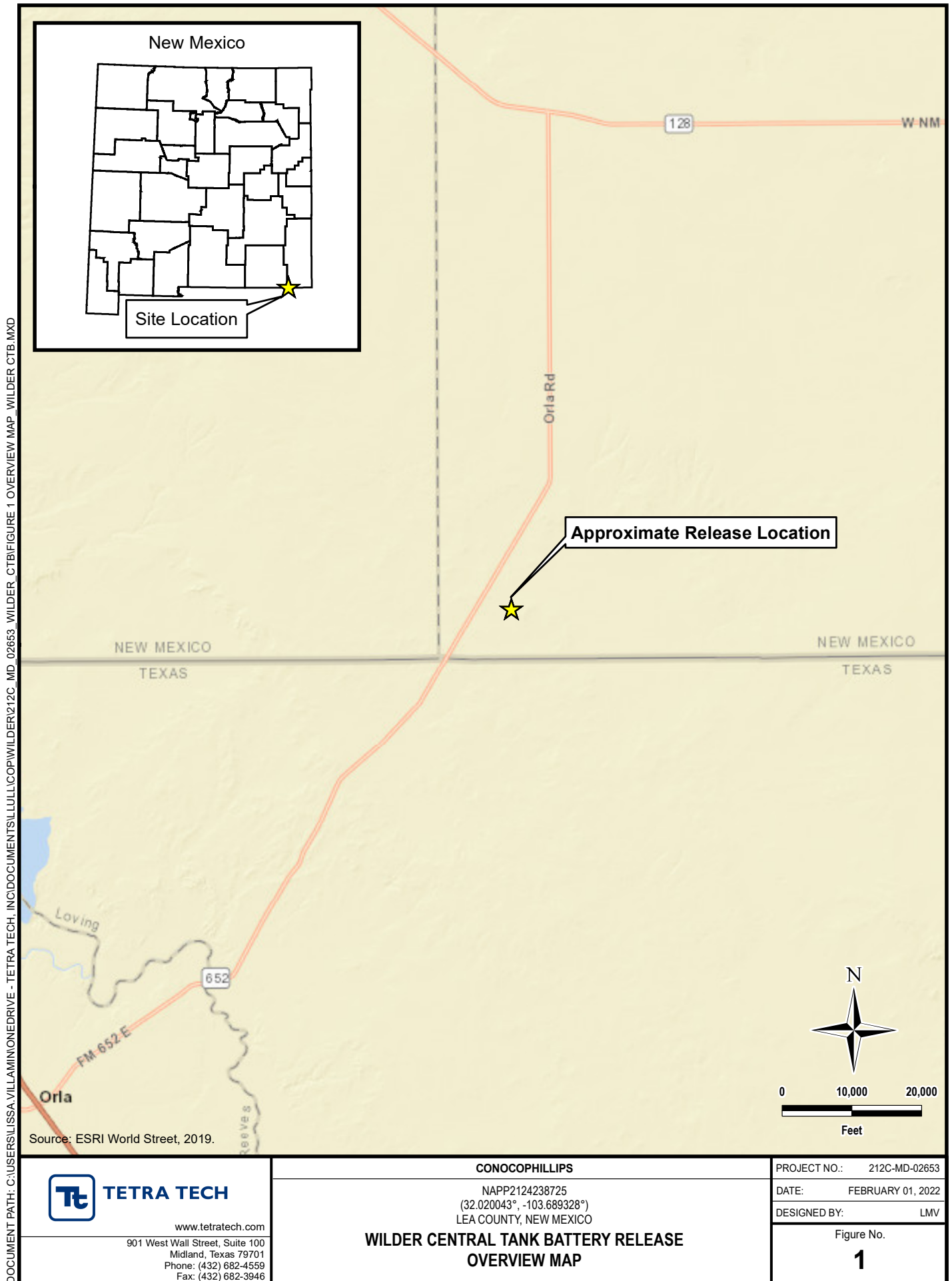
### Tables:

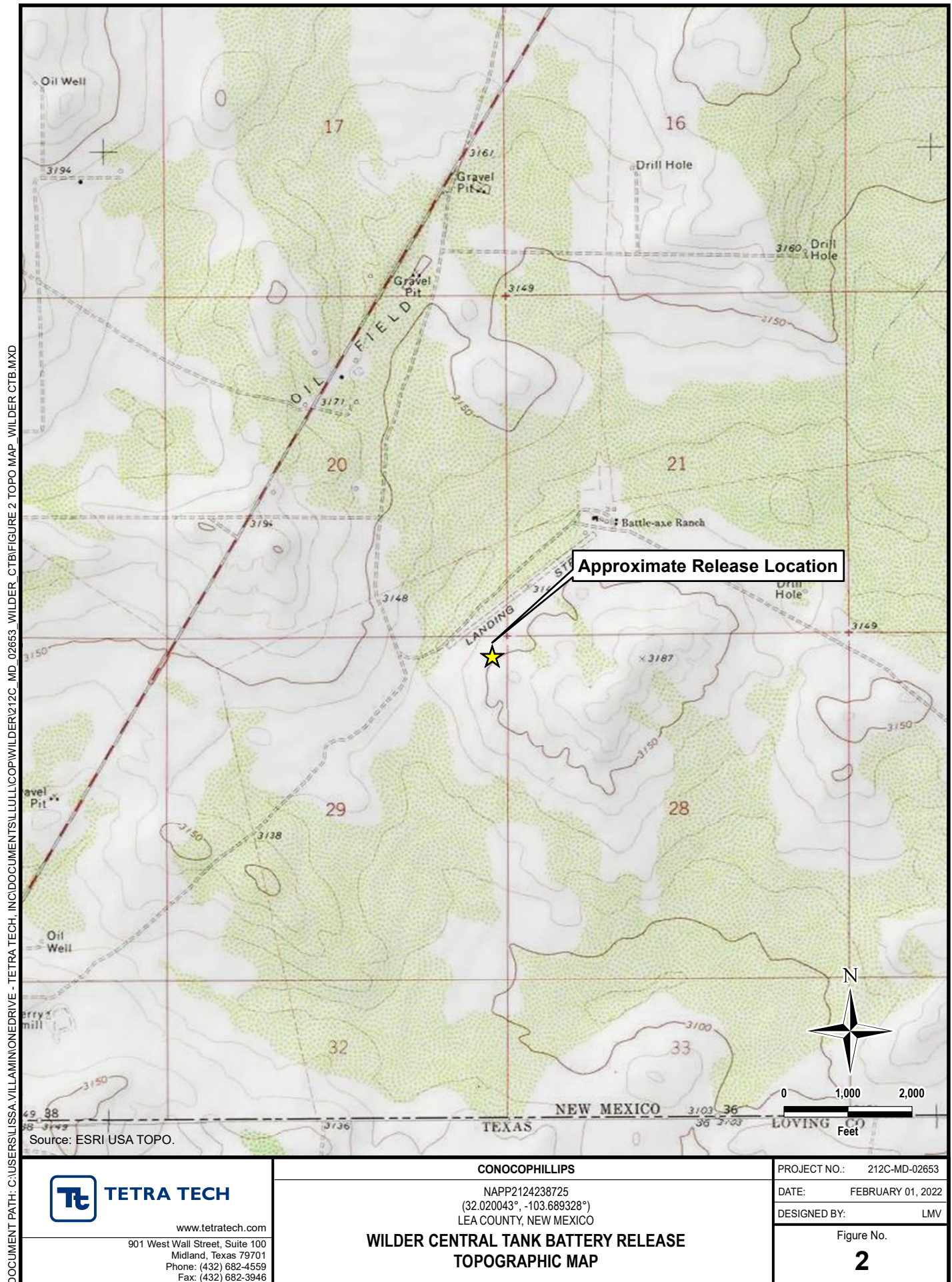
- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation

### Appendices:

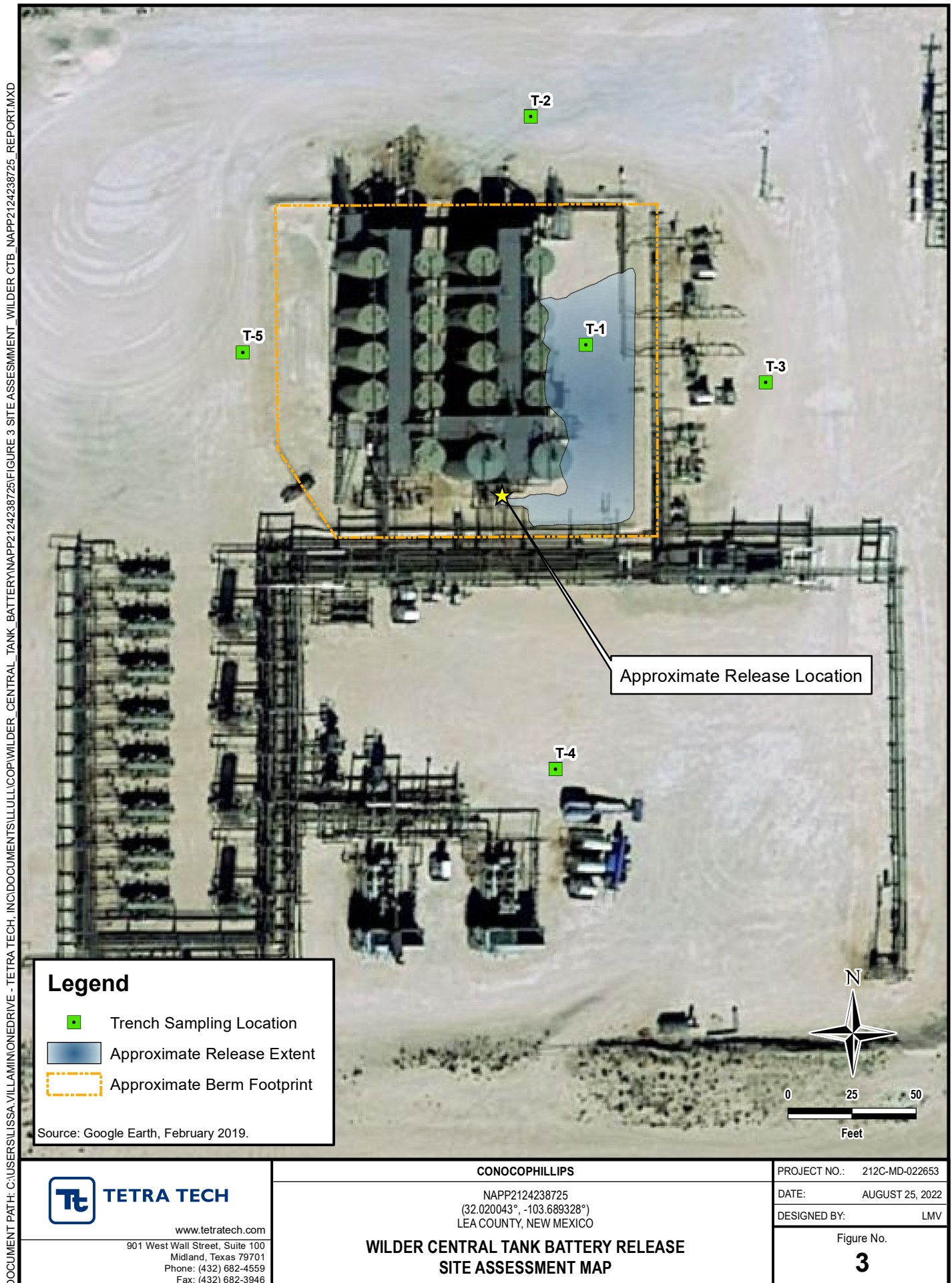
- Appendix A – C-141 Forms
- Appendix B – Regulatory Correspondence
- Appendix C – Photographic Documentation
- Appendix D – Revised Site Characterization Data
- Appendix E – Laboratory Analytical Data
- Appendix F – Waste Manifests

## **FIGURES**

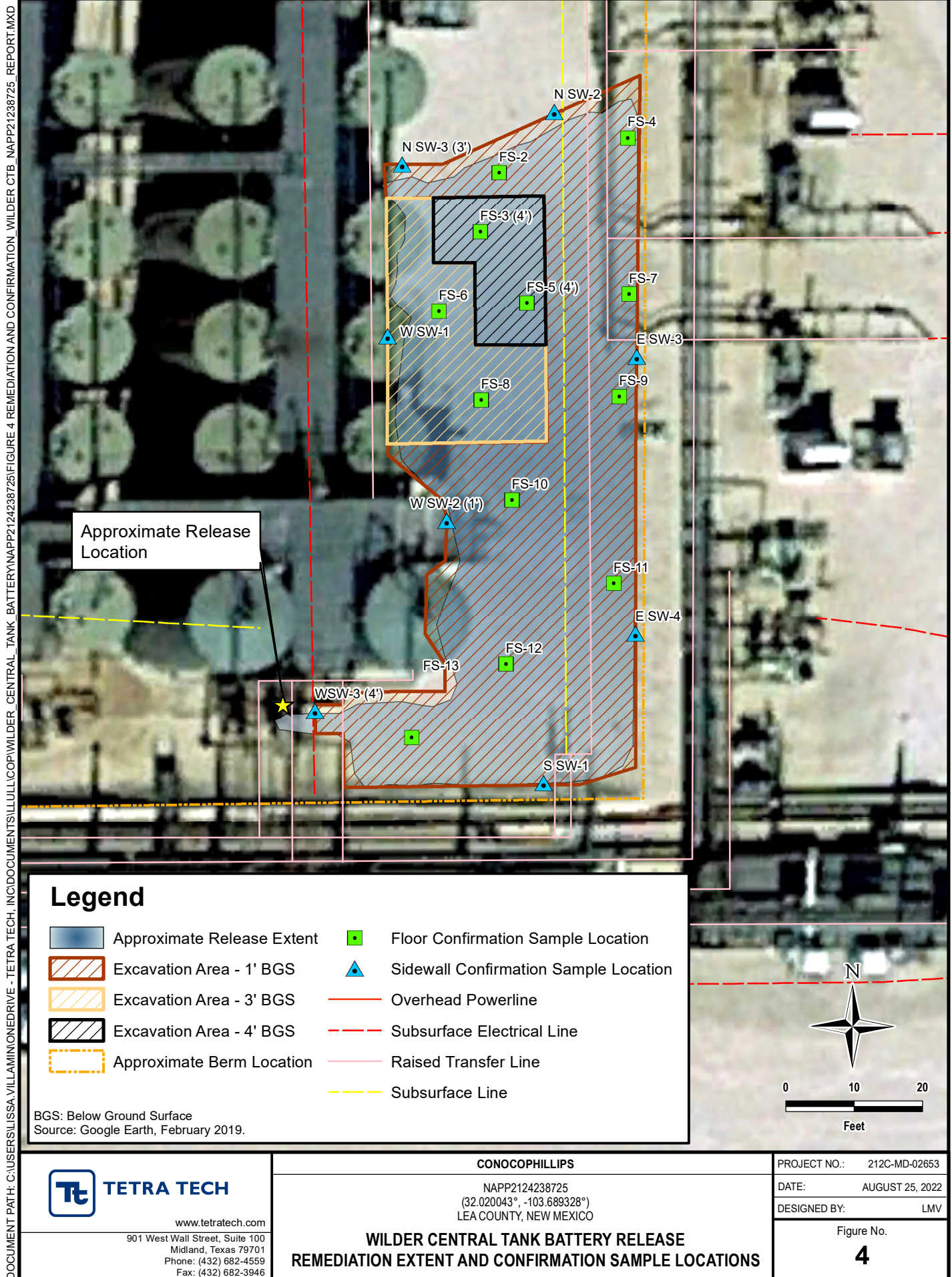














## **TABLES**

TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
SOIL ASSESSMENT- NAPP2124238725  
CONOCOPHILLIPS  
WILDER CTB RELEASE  
LEA COUNTY, NM

| Sample ID  | Sample Date | Sample Depth   | Field Screening Results | Chloride <sup>1</sup> |   | BTEX <sup>2</sup> |       |            |       |              |       |               |   |            |   | TPH <sup>3</sup>                 |   |        |   |         |   |            |                                |            |   |
|--|-------------|--|-------------------------|-----------------------|---|-------------------|-------|------------|-------|--------------|-------|---------------|---|------------|---|----------------------------------|---|--------|---|---------|---|------------|--------------------------------|------------|---|
|  |             |  | Chloride                |                       |   | Benzene           |       | Toluene    |       | Ethylbenzene |       | Total Xylenes |   | Total BTEX |   | GRO                              |   | DRO    |   | EXT DRO |   | (GRO+DRO)  | Total TPH<br>(GRO+DRO+EXT DRO) |            |   |
|  |             | ft. bgs  | ppm                     | mg/kg                 | Q | mg/kg             | Q     | mg/kg      | Q     | mg/kg        | Q     | mg/kg         | Q | mg/kg      | Q | C <sub>6</sub> - C <sub>10</sub> | Q | mg/kg  | Q | mg/kg   | Q | mg/kg      | Q                              | mg/kg      | Q |
|  |             | Closure Criteria for Pasture/Off-Pad Soils 0-4' bgs: |                         |                       |   | 600 mg/kg         |       | < 10 mg/kg |       | --           |       | --            |   | --         |   | < 50 mg/kg                       |   | --     |   | --      |   | --         |                                | --         |   |
| Closure Criteria for Soils >4' bgs (GW >100 ft): |             |  |                         | 20,000 mg/kg          |   | < 10 mg/kg        |       | --         |       | --           |       | --            |   | < 50 mg/kg |   | --                               |   | --     |   | --      |   | 1000 mg/kg |                                | 2500 mg/kg |   |
| T-1  | 2/10/2022   | 0-1  | 3,390                   | 3,160                 |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 2-3  | 1,660                   | 1,170                 |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 4-5  | 526                     | 480                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 6-7  | 962                     | 752                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 9-10   | 869                     | 528                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 11-12  | 541                     | 192                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 12-13  | 482                     | 244                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
| T-2  | 2/10/2022   | 0-1  | 471                     | 176                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 1-2  | 554                     | 80.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 2-3  | 335                     | 32.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 3-4  | 577                     | 48.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
| T-3  | 2/10/2022   | 0-1  | 576                     | 560                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 1-2  | 192                     | 96.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 2-3  | 145                     | 128                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 3-4  | 119                     | 32.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
| T-4  | 2/10/2022   | 0-1  | 238                     | 112                   |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 1-2  | 148                     | 80.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 2-3  | 133                     | 32.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 3-4  | 98.7                    | 64.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
| T-5  | 2/10/2022   | 0-1  | 135                     | 48.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 1-2  | 80.9                    | 32.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 2-3  | 101                     | 96.0                  |   | < 0.050           |       | < 0.050    |       | < 0.050      |       | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |
|  |             | 3-4  | 102                     | 32.0                  |   | < 0.050           | QR-03 | < 0.050    | QR-03 | < 0.050      | QR-03 | < 0.150       |   | < 0.300    |   | < 10.0                           |   | < 10.0 |   | < 10.0  |   | -          |                                | -          |   |

## NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500CI-B

2 Method 8021B

3 Method 8015M

**Bold and italicized values indicate exceedance of proposed Site RRALs and/or Reclamation Requirements for soils above 4 feet bgs.**QUALIFIERS:

QR-03

TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
SOIL REMEDIATION - NAPP2124238725  
CONOCOPHILLIPS  
WILDER CTB RELEASE  
LEA COUNTY, NM

| Sample ID  | Sample Date | Sample Depth | Chloride <sup>1</sup> |            | BTEX <sup>2</sup> |    |         |    |              |    |               |            |            |    | TPH <sup>3</sup>                                     |    |                                     |            |                                     |            |           |                                |       |   |       |   |            |   |
|--|-------------|--------------|-----------------------|------------|-------------------|----|---------|----|--------------|----|---------------|------------|------------|----|--|----|-------------------------------------|------------|-------------------------------------|------------|-----------|--------------------------------|-------|---|-------|---|------------|---|
|  |             |              |                       |            | Benzene           |    | Toluene |    | Ethylbenzene |    | Total Xylenes |            | Total BTEX |    | GRO  |    | DRO                                 |            | EXT DRO                             |            | (GRO+DRO) | Total TPH<br>(GRO+DRO+EXT DRO) |       |   |       |   |            |   |
|  |             |              |                       |            |                   |    |         |    |              |    |               |            |            |    | C <sub>6</sub> - C <sub>10</sub>                     |    | > C <sub>10</sub> - C <sub>28</sub> |            | > C <sub>28</sub> - C <sub>36</sub> |            |           |                                |       |   |       |   |            |   |
|  |             |              |                       |            |                   |    |         |    |              |    |               |            |            |    | mg/kg  | Q  | mg/kg                               | Q          | mg/kg                               | Q          |           |                                | mg/kg | Q | mg/kg | Q | mg/kg      | Q |
|  |             |              |                       |            |                   |    |         |    |              |    |               |            |            |    | Closure Criteria for Pasture/Off-Pad Soils 0-4' bgs: |    | 600 mg/kg                           |            | < 10 mg/kg                          |            |           |                                | --    |   | --    |   | < 50 mg/kg |   |
| Closure Criteria for Soils >4' bgs (GW >100 ft): |             | 20,000 mg/kg |                       | < 10 mg/kg |                   | -- |         | -- |              | -- |               | < 50 mg/kg |            | -- |  | -- |                                     | 1000 mg/kg |                                     | 2500 mg/kg |           |                                |       |   |       |   |            |   |
| FS-2   | 7/7/2022    | 1            | 320                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-3   | 7/7/2022    | 3            | 752                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-3 (4')*                                       | 7/14/2022   | 4            | 336                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-4   | 6/24/2022   | 1            | 432                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-5   | 7/7/2022    | 3            | 720                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-5 (4')*                                       | 7/14/2022   | 4            | 400                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-6   | 7/7/2022    | 3            | 336                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-7   | 6/24/2022   | 1            | 320                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-8   | 7/7/2022    | 3            | 448                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-9   | 6/24/2022   | 1            | 256                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-10  | 7/7/2022    | 1            | 368                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-11  | 6/24/2022   | 1            | 512                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-12  | 7/7/2022    | 1            | 528                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| FS-13  | 7/20/2022   | 1            | 7,040                 |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| NSW-2  | 7/7/2022    | -            | 464                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| NSW-3  | 7/7/2022    | -            | 640                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| NWS-3 (3')*                                      | 7/14/2022   | -            | 384                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| ESW-1  | 7/21/2022   | -            | 416                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | 39.0                                |            | 10.1                                |            | 39.0      | 49.1                           |       |   |       |   |            |   |
| ESW-3  | 6/24/2022   | -            | 352                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| ESW-4  | 6/24/2022   | -            | 304                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| SSW-1  | 7/14/2022   | -            | 320                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| WSW-1  | 7/7/2022    | -            | 576                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| WSW-2  | 7/7/2022    | -            | 640                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| WSW-2 (1')*                                      | 7/14/2022   | -            | 352                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| WSW-3  | 7/20/2022   | -            | 6,080                 |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |
| WSW-3 (4')*                                      | 7/22/2022   | -            | 256                   |            | < 0.050           |    | < 0.050 |    | < 0.050      |    | < 0.150       |            | < 0.300    |    | < 10.0   |    | < 10.0                              |            | < 10.0                              |            | -         | -                              |       |   |       |   |            |   |

## NOTES:

ft. Feet  
bgs Below ground surface  
ppm Parts per million  
mg/kg Milligrams per kilogram  
TPH Total Petroleum Hydrocarbons  
GRO Gasoline range organics  
DRO Diesel range organics  
1 Method SM4500Cl-B  
2 Method 8021B  
3 Method 8015M

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

\* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in (I).

## QUALIFIERS:

GCNC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

## **APPENDIX A C-141 Forms**

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    | NAPP2124238725 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Release Notification

### Responsible Party

|  |   |
|--|---|
| Responsible Party – Conoco Phillips Company  | OGRID 217817                                |
| Contact Name – Charles R. Beauvais II  | Contact Telephone 575-988-2043              |
| Contact email – <a href="mailto:charles.r.beauvais@conocophillips.com">charles.r.beauvais@conocophillips.com</a> | Incident # (assigned by OCD) NAPP2124238725 |
| Contact mailing address – 15 W London Rd, Loving, NM 88256   |   |

### Location of Release Source

Latitude 32.020190 \_\_\_\_\_ Longitude -103.689256 (NAD 83 in decimal degrees to 5 decimal places)

|                                      |                          |
|--------------------------------------|--------------------------|
| Site Name – Wilder                   | Site Type Tank Battery   |
| Date Release Discovered – 08/16/2021 | API# (if applicable) N/A |

| Unit Letter | Section | Township | Range   | County |
|-------------|---------|----------|---------|--------|
| A           | 29      | 26 South | 32 East | 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 type="checkbox"/> Crude Oil                   | Volume Released (bbls)   | Volume Recovered (bbls)   |
| <input checked="" type="checkbox"/> Produced Water   | Total Volume Released (bbls) -16.5   | Volume Recovered (bbls) = 16.5                                      |
|  | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" 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 checked="" type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) – 8.3 bbls Rainwater                    | Volume/Weight Recovered (provide units) 8.3 Rainwater               |

Cause of Release

Leak on load line at tank battery

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2124238725 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

|  |   |
|--|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, for what reason(s) does the responsible party consider this a major release?<br><br>NA, Not a Major Release |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>Notice was made by Charles Beauvais, Environmental Coordinator, at 3:30PM, on 9/11/2020 via email to <a href="mailto:Bradford.billings@state.nm">Bradford.billings@state.nm</a> . Also, an online submittal with payment for submittals was made to NMOCD. |   |

## Initial Response

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

|  |                                  |
|--|----------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped.  |                                  |
| <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.  |                                  |
| <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.  |                                  |
| <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.  |                                  |
| If all the actions described above have <u>not</u> been undertaken, explain why:   |                                  |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  |                                  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                  |
| Printed Name: <u>Charles Beauvais</u>  | Title: Environmental Coordinator |
| Signature: <u>Charles R. Beauvais 99</u>   | Date: <u>08/19/2021</u>          |
| email: <u>charles.r.beauvais@conocophillips.com</u>  | Telephone: 575-988-2043          |
| <b><u>OCD Only</u></b>   |                                  |
| Received by: <u>Ramona Marcus</u>  | Date: <u>8/31/2021</u>           |



| L48 Spill Volume Estimate Form                      |              |   |  |   |                               |                               |   |                             |  |   |  |  |
|---|--------------|---|--|---|-------------------------------|-------------------------------|---|-----------------------------|--|---|--|--|
| Facility Name & Number:                             |              | Wilder  |  |   |                               |                               |   |                             |  |   |  |  |
| Asset Area:   |              | Zia Hills   |  |   |                               |                               |   |                             |  |   |  |  |
| Release Discovery Date & Time:                      |              | 8/16/2021   |  |   |                               |                               |   |                             |  |   |  |  |
| Release Type:                                       |              | Other   |  |   |                               |                               |   |                             |  |   |  |  |
| Provide any known details about the event:          |              | Release type was 16.5 barrels Produced Water and 8.3 Barrels Rain Water |  |   |                               |                               |   |                             |  |   |  |  |
| Spill Calculation - On Pad Surface Pool Spill       |              |   |  |   |                               |                               |   |                             |  |   |  |  |
| Convert Irregular shape into a series of rectangles | Length (ft.) | Width (ft.)   | Deepest point in each of the areas (in.) | No. of boundaries of "shore" in each area | Estimated Pool Area (sq. ft.) | Estimated Average Depth (ft.) | Estimated volume of each pool area (bbl.) | Penetration allowance (ft.) | Total Estimated Volume of Spill (bbl.) | Percentage of Oil if Spilled Fluid is a Mixture | Total Estimated Volume of Spilled Oil (bbl.) | Total Estimated Volume of Spilled Liquid other than Oil (bbl.) |
| Rectangle A   | 54.0         | 18.0  | 2.00                                     | 4   | 972.000                       | 0.042                         | 7.209                                     | 0.002                       | 7.224                                  |   |  |  |
| Rectangle B   | 75.0         | 12.0  | 1.75                                     | 4   | 900.000                       | 0.036                         | 5.841                                     | 0.002                       | 5.851                                  |   |  |  |
| Rectangle C   | 78.0         | 27.0  | 1.50                                     | 4   | 2106.000                      | 0.031                         | 11.715                                    | 0.002                       | 11.733                                 |   |  |  |
| Rectangle D   |              |   |  |   | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |   |  |  |
| Rectangle E   |              |   |  |   | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |   |  |  |
| Rectangle F   |              |   |  |   | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |   |  |  |
| Rectangle G   |              |   |  |   | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |   |  |  |
| Rectangle H   |              |   |  |   | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |   |  |  |
| Rectangle I   |              |   |  |   | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |   |  |  |
| Rectangle J   |              |   |  |   | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |   |  |  |
| Total Volume Release:                               |              |   |  |   |                               |                               |   |                             | 24.808                                 |   |  |  |

**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 45139

CONDITIONS

|   |   |
|---|---|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br>229137  |
|   | Action Number:<br>45139                                   |
|   | Action Type:<br>[C-141] Release Corrective Action (C-141) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| marcus     | None      | 8/31/2021      |

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2124238725 |
| 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>180</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 ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

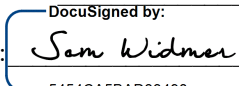
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico  
Oil Conservation Division

Page 4

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2124238725 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

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

Printed Name: Sam Widmer Title: Principal Program Manager  
Signature:  Date: Nov-04-2022  
email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

**OCD Only**

Received by: Jocelyn Harimon Date: 11/08/2022

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2124238725 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |


## Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Sam Widmer Title: Principal Program Manager  
DocuSigned by:  
Signature:  Date: Nov-04-2022  
5454CA5BAD33498...  
email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

### OCD Only

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by:  Date: 12/02/2022  
Printed Name: Jennifer Nobui Title: Environmental Specialist A

## **APPENDIX B**

### **Regulatory Correspondence**



**From:** [Beauvais, Charles R](#)  
**To:** [Lull, Christian](#)  
**Cc:** [Abbott, Sam](#)  
**Subject:** FW: [External] The Oil Conservation Division (OCD) has rejected the application, Application ID: 45180  
**Date:** Tuesday, October 05, 2021 9:12:37 AM  
**Attachments:** [\(Closure Report\) Wilder \(NAPP2124238725\) 08-16-2021.pdf](#)

**CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments.

FYI. For a later discussion.

---

**From:** Esparza, Brittany <Brittany.Esparza@conocophillips.com>  
**Sent:** Thursday, September 30, 2021 8:12 AM  
**To:** Beauvais, Charles R <Charles.R.Beauvais@conocophillips.com>  
**Cc:** Gonzalez, Jessika L <Jessika.L.Gonzalez@conocophillips.com>  
**Subject:** FW: [External] The Oil Conservation Division (OCD) has rejected the application, Application ID: 45180

Charles,

The Closure Report for the Wilder Federal CTB (08-16-2021) was denied by the OCD for the reasons listed below.

I attached the Closure Report that was submitted.

Thank you,

*Brittany N. Esparza*

**Brittany N. Esparza** | Environmental Technician, Permian | **ConocoPhillips**

**O:** 432-221-0398 | **C:** 432-349-1911 | 3CC-2064 Midland, Texas

---

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>  
**Sent:** Wednesday, September 29, 2021 12:31 PM  
**To:** [besparza@concho.com](mailto:besparza@concho.com)  
**Subject:** [External] The Oil Conservation Division (OCD) has rejected the application, Application ID: 45180

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

\*\*\*\* External email. Use caution. \*\*\*\*

To whom it may concern (c/o Brittany Esparza for COG OPERATING LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2124238725,

for the following reasons:

- **The liner inspection requires that the gravel be removed, and pictures taken of the clean intact liner in the release.**
- **Also, need a liner inspection report stating that the gravel was removed, and the liner had no rips, tears, or holes.**
- **Please include pictures of clean liner and liner inspection report with the updated report.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 45180.

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,  
Chad Hensley  
Environmental Science & Specialist  
575-703-1723  
[Chad.Hensley@state.nm.us](mailto:Chad.Hensley@state.nm.us)

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

NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Further, any contract terms proposed or purportedly accepted in this email are not binding and are subject to management's final approval as memorialized in a separate written instrument, excluding electronic correspondence, executed by an authorized representative of COG Operating LLC or its affiliates.

**From:** [Hamlet, Robert, EMNRD](#)  
**To:** [Esparza, Brittany](#)  
**Cc:** [Gonzalez, Jessika L](#); [Beauvais, Charles R](#); [Bratcher, Mike, EMNRD](#); [Hensley, Chad, EMNRD](#); [Velez, Nelson, EMNRD](#)  
**Subject:** (Extension Approval) Wilder Federal CTB (NAPP2124238725) 08-16-2021  
**Date:** Friday, December 3, 2021 11:13:00 AM

---

RE: Incident #**NAPP2124238725**

**Brittany,**

Your request for an extension to **March 2nd, 2022** is approved.

**Robert Hamlet** • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

811 S. First Street | Artesia, NM 88210

575.909.0302 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)

<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Esparza, Brittany <Brittany.Esparza@conocophillips.com>  
**Sent:** Tuesday, November 30, 2021 8:04 AM  
**To:** EMNRD-OCD-District1spills <EMNRD-OCD-District1spills@state.nm.us>  
**Cc:** Gonzalez, Jessika L <Jessika.L.Gonzalez@conocophillips.com>; Esparza, Brittany <Brittany.Esparza@conocophillips.com>; Beauvais, Charles R <Charles.R.Beauvais@conocophillips.com>  
**Subject:** [EXTERNAL] (Extension Request #1) Wilder Federal CTB (NAPP2124238725) 08-16-2021

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

To Whom it May Concern,

Due to Closure Report being denied by the NMPCD. Conoco Phillips is requesting a three-month extension until March 2, 2022 in order re-asses and perform Remediation.

Please let me know if you have any questions or concerns.

Thank you,

*Brittany N. Esparza*

**Brittany N. Esparza** | Environmental Technician, Permian | **ConocoPhillips**

**O:** 432-221-0398 | **C:** 432-349-1911 | 3CC-2064 Midland, Texas

**Dickerson, Ryan**

---



**From:** Llull, Christian  
**Sent:** Tuesday, August 23, 2022 2:04 PM  
**To:** Dickerson, Ryan  
**Cc:** Poole, Nicholas  
**Subject:** FW: The Oil Conservation Division (OCD) has rejected the application, Application ID: 83106

FYi

Christian

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Tuesday, March 22, 2022 10:01 AM  
**To:** Llull, Christian <Christian.Llull@tetrattech.com>  
**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 83106

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

To whom it may concern (c/o Christian Llull for CONOCOPHILLIPS COMPANY),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2124238725, for the following reasons:

- **Remediation around T-1 is not complete. Due to high Karst area the OCD request further action. The OCD will not defer a release were containments can be removed safely. The OCD request that the area around T-1 be remediated to 3ft bgs and OCD will consider the project for closure.**
- **Closure report due 05/22/2022.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 83106. 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,  
Chad Hensley  
Environmental Science & Specialist  
575-703-1723  
[Chad.Hensley@state.nm.us](mailto:Chad.Hensley@state.nm.us)

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

**Poole, Nicholas**

---

**From:** Poole, Nicholas  
**Sent:** Tuesday, June 14, 2022 6:10 PM  
**To:** 'ocd.enviro@state.nm.us'  
**Cc:** 'Hamlet, Robert, EMNRD'; Llull, Christian; Dickerson, Ryan  
**Subject:** Incident ID: NAPP2124238725- Confirmation Sampling

Incident ID (n#) **NAPP2124238725** (Wilder CTB Release)

To whom it may concern,

In accordance with Subsection D of 19.15.29.12 NMAC, the responsible party must verbally notify the appropriate division district office prior to conducting confirmation sampling.

Remediation activities are beginning at the site this week.

Thus, on behalf of ConocoPhillips for the above referenced incident, Tetra Tech is duly providing this communication which serves as notification that final confirmation sampling will be conducted at this site from June 24 through June 30 and July 5 through July 15, 2022.

**NOTE:** If you have any questions regarding this sampling schedule, please contact me.

**Nicholas Poole** | Staff Geoscientist  
Mobile +1 (512) 560-9064 | [nicholas.poole@tetratech.com](mailto:nicholas.poole@tetratech.com)

**Tetra Tech** | *Leading with Science*® | OGA  
8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | [tetratech.com](http://tetratech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



Please consider the environment before printing. [Read more](#)



## **APPENDIX C**

# **Photographic Documentation**



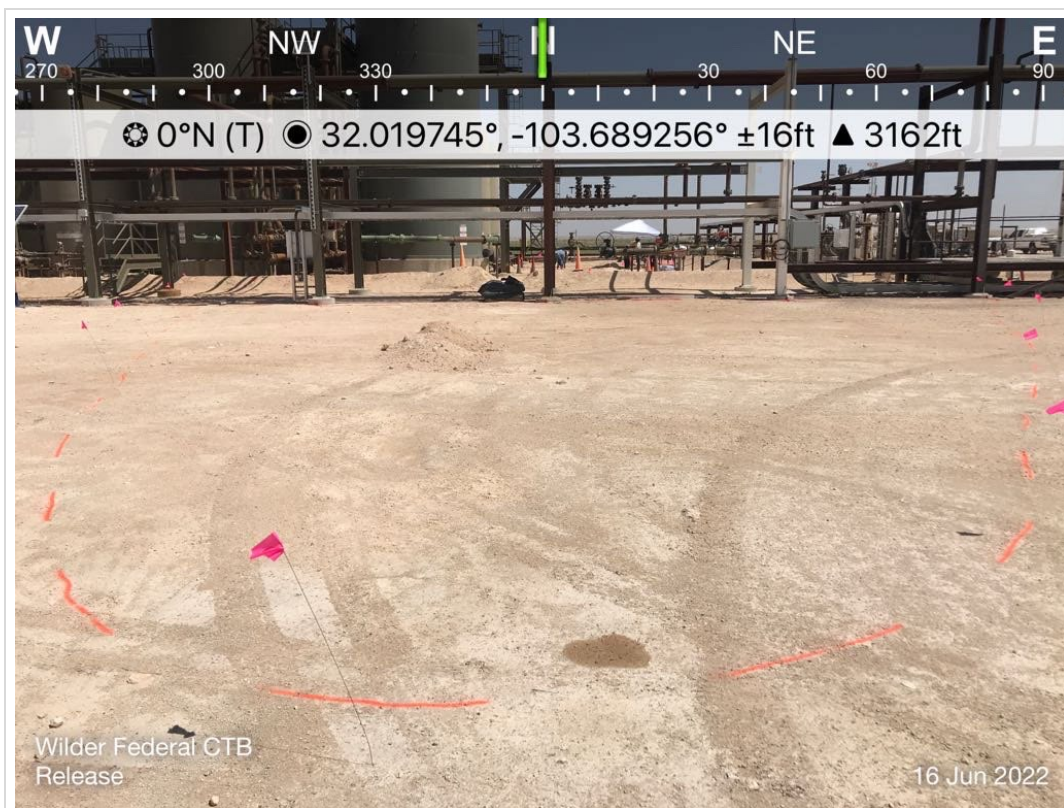


|  |             |  |            |
|--|-------------|--|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | Site Signage and location information.<br>Wilder Federal CTB Unit A. Sec. 29-T26S-R32E | 1          |
|  | SITE NAME   | ConocoPhillips Wilder CTB  | 06/15/2022 |

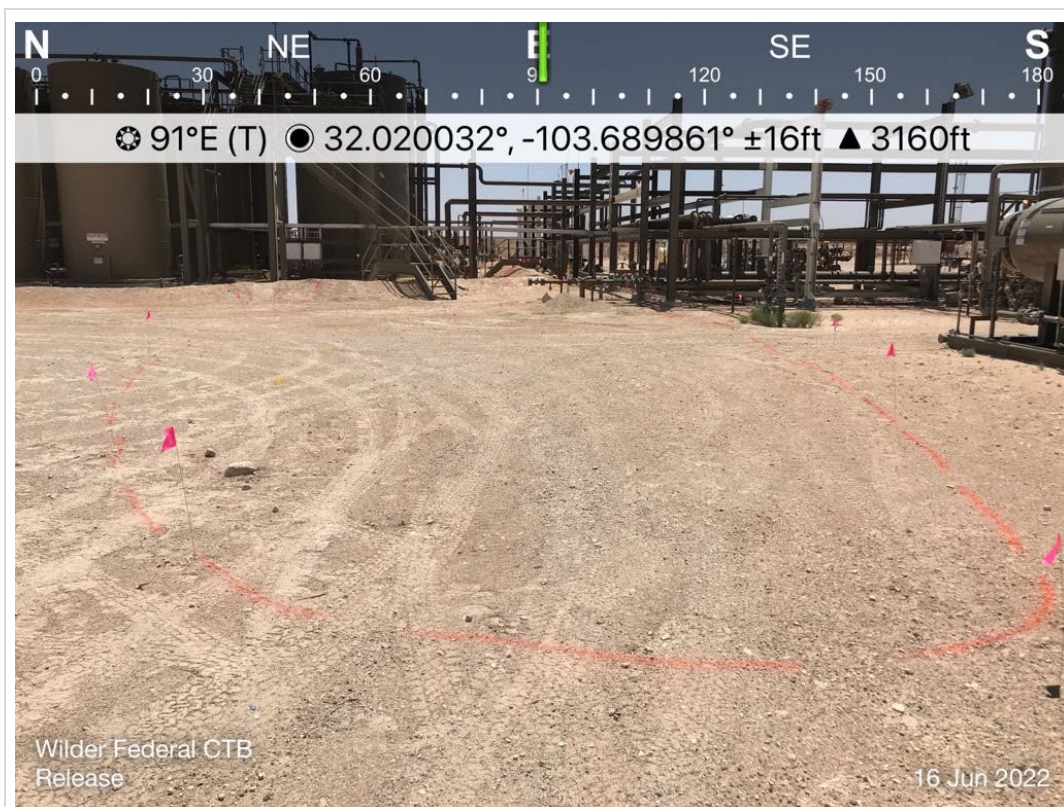


|  |             |  |            |
|--|-------------|--|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View north. Impacted area inside the battery berm, prior to remediation. | 2          |
|  | SITE NAME   | ConocoPhillips Wilder CTB  | 06/16/2022 |



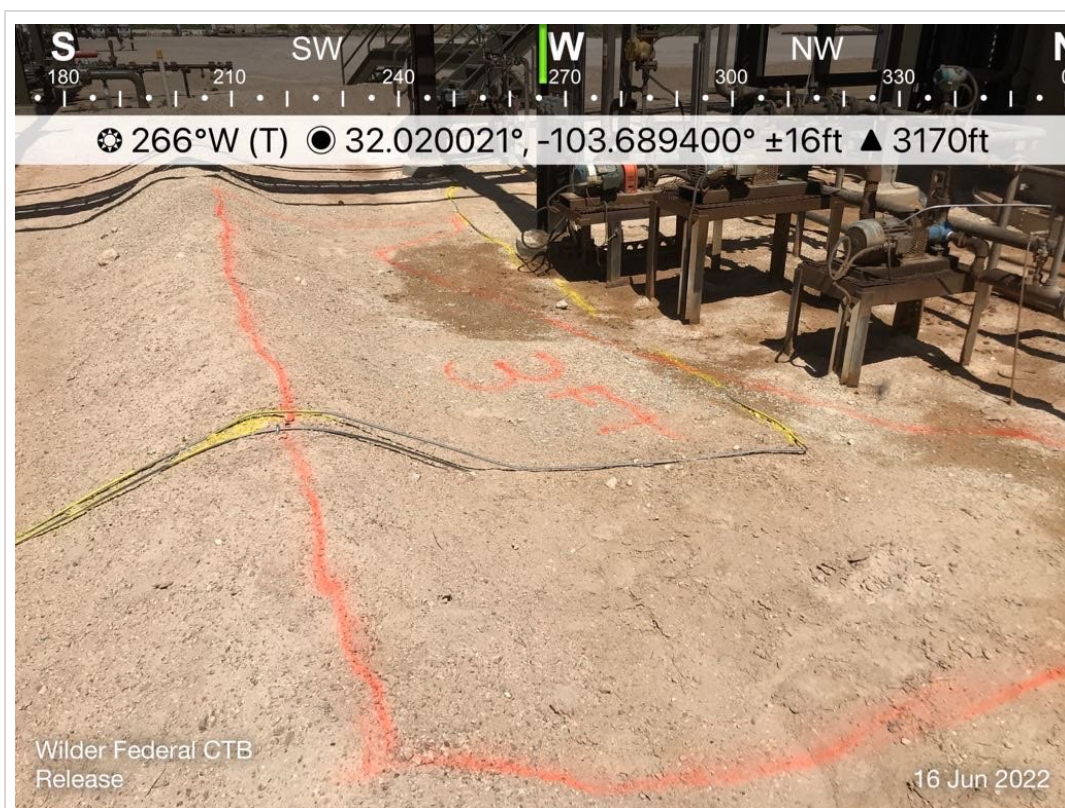


|  |             |   |            |
|--|-------------|---|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View north. Impacted area south of the battery berm,<br>prior to remediation. | 3          |
|  | SITE NAME   | ConocoPhillips Wilder CTB   | 06/16/2022 |



|  |             |   |            |
|--|-------------|---|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View east. Impacted area east of the battery berm, prior<br>to remediation. | 4          |
|  | SITE NAME   | ConocoPhillips Wilder CTB   | 06/16/2022 |





|  |             |  |            |
|--|-------------|--|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View west. Impacted area south of the tanks inside the battery berm, prior to remediation. | 5          |
|  | SITE NAME   | ConocoPhillips Wilder CTB  | 06/16/2022 |

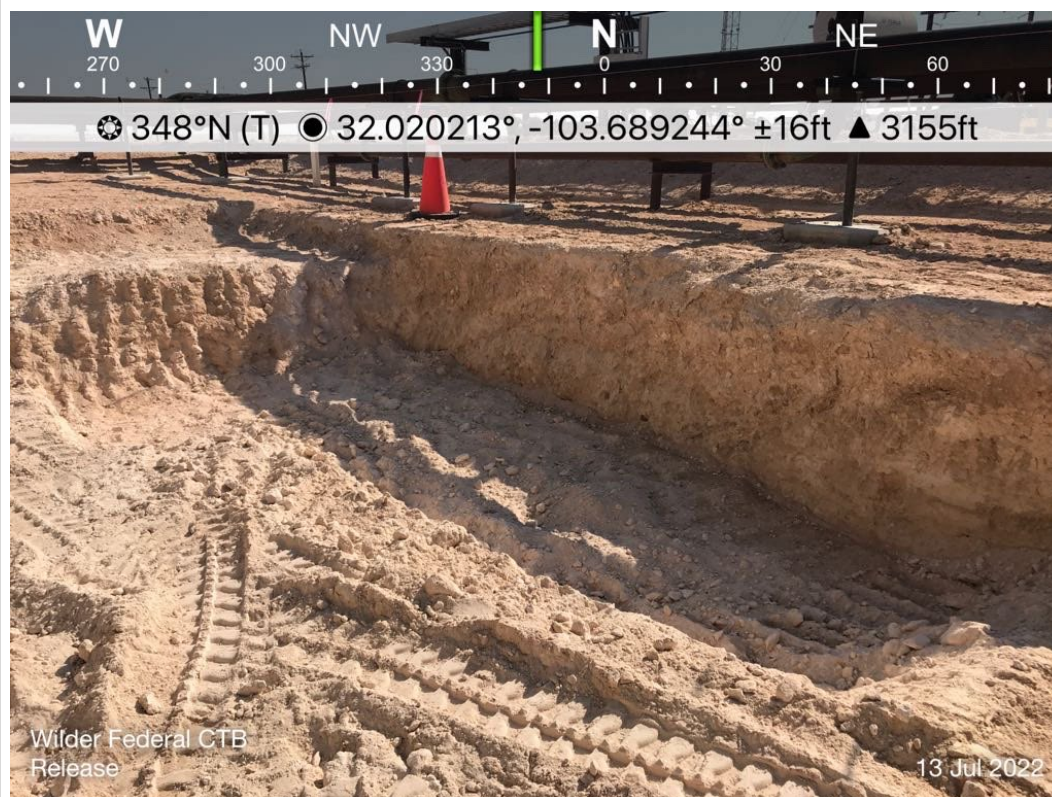


|  |             |   |            |
|--|-------------|---|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View north northwest. Excavated area inside the battery berm. | 6          |
|  | SITE NAME   | ConocoPhillips Wilder CTB                                     | 07/06/2022 |





|  |             |   |            |
|--|-------------|---|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View southeast. Excavated area inside the battery berm,<br>3 ft to 4 ft BGS | 7          |
|  | SITE NAME   | ConocoPhillips Wilder CTB   | 07/06/2022 |

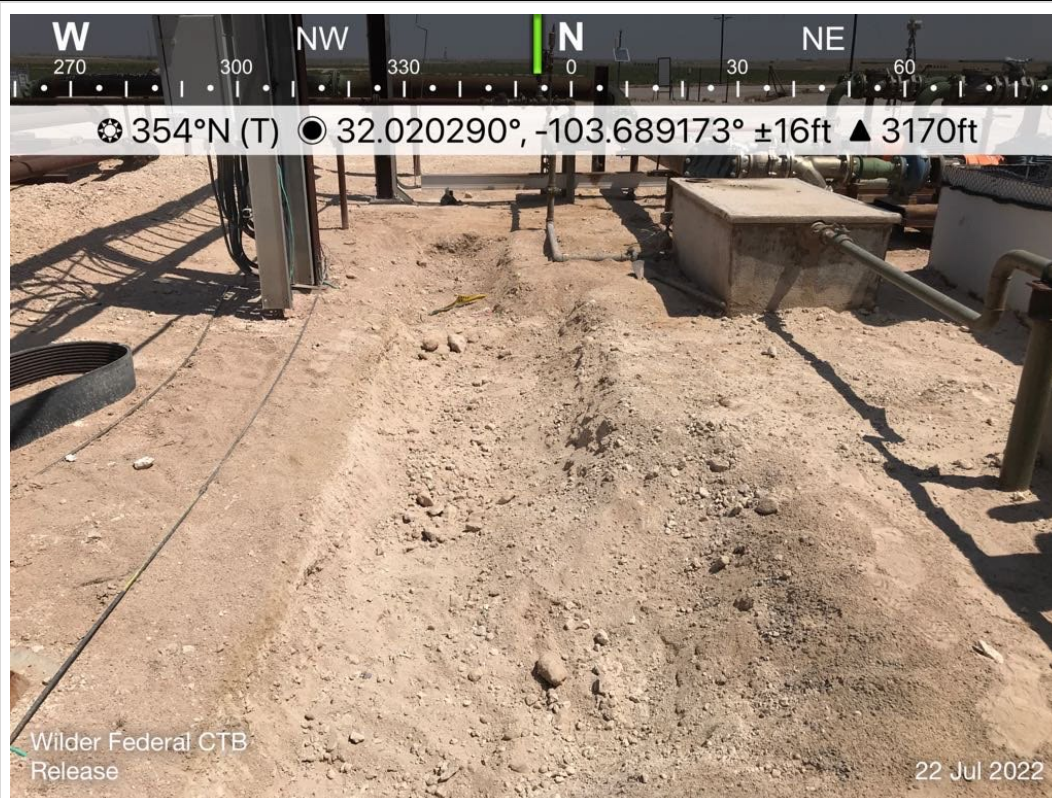


|  |             |  |            |
|--|-------------|--|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View north. Excavated area inside the battery berm, 4 ft<br>BGS. | 8          |
|  | SITE NAME   | ConocoPhillips Wilder CTB  | 07/13/2022 |





|  |             |   |            |
|--|-------------|---|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View north. Excavated area east of the tanks, 3-4 ft BGS. | 9          |
|  | SITE NAME   | ConocoPhillips Wilder CTB                                 | 07/13/2022 |

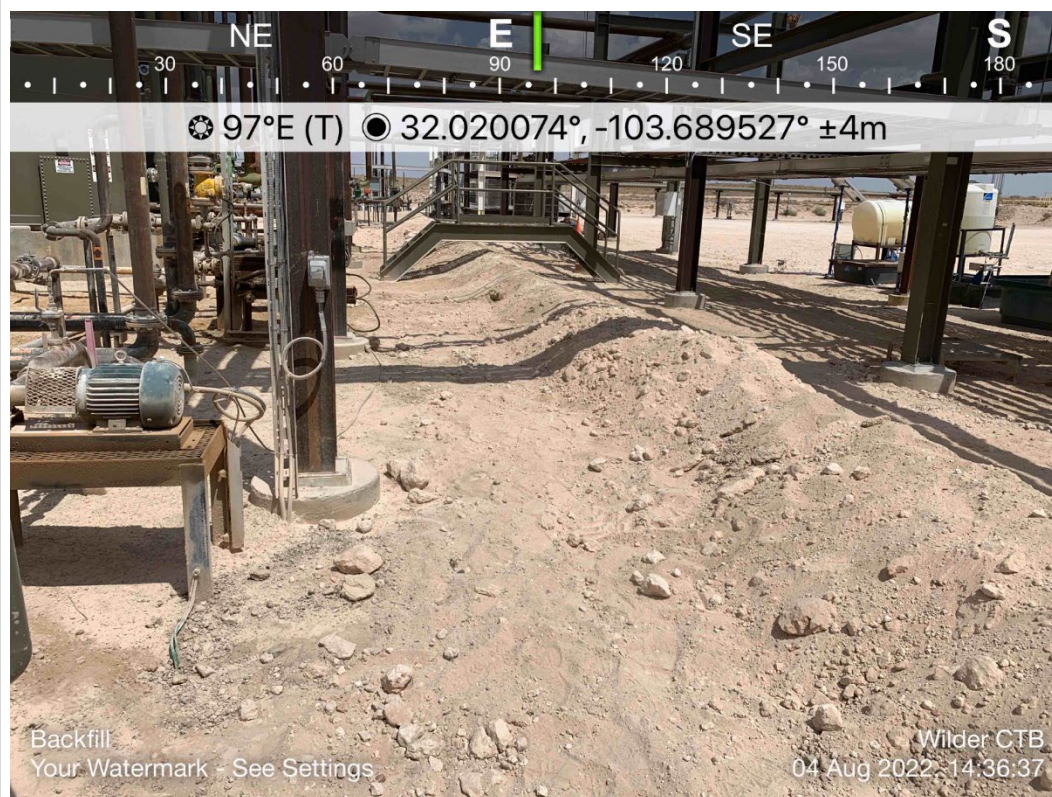


|  |             |   |            |
|--|-------------|---|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View north. Excavated area south of the tanks, 1 ft. BGS. | 10         |
|  | SITE NAME   | ConocoPhillips Wilder CTB                                 | 07/22/2022 |





|  |             |  |            |
|--|-------------|--|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View north. Backfilled area inside the battery berm. | 11         |
|  | SITE NAME   | ConocoPhillips Wilder CTB                            | 08/04/2022 |



|  |             |  |            |
|--|-------------|--|------------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02653 | DESCRIPTION | View east. Backfilled area south of the tanks inside the battery berm. | 12         |
|  | SITE NAME   | ConocoPhillips Wilder CTB  | 08/04/2022 |

## **APPENDIX D**

### **Revised Site Characterization Data**



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

| POD Number                   | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X      | Y        | Distance | Depth Well | Depth Water | Water Column |
|------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|------------|-------------|--------------|
| <a href="#">C 03537 POD1</a> | CUB          | LE    |        | 3    | 2    | 3   | 21  | 26S | 32E | 624250 | 3543985  | 748      | 850        |             |              |
| <a href="#">C 02271 POD2</a> | CUB          | LE    |        | 3    | 2    | 3   | 21  | 26S | 32E | 624348 | 3544010* | 831      | 270        | 250         | 20           |
| <a href="#">C 02323</a>      | C            | LE    |        | 3    | 2    | 3   | 21  | 26S | 32E | 624348 | 3544010* | 831      | 405        | 405         | 0            |
| <a href="#">C 03595 POD1</a> | CUB          | LE    |        | 4    | 2    | 3   | 21  | 26S | 32E | 624423 | 3544045  | 909      | 280        | 180         | 100          |

Average Depth to Water: **278 feet**

Minimum Depth: **180 feet**

Maximum Depth: **405 feet**

**Record Count: 4**

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 623776.59

**Northing (Y):** 3543406.25

**Radius:** 950

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

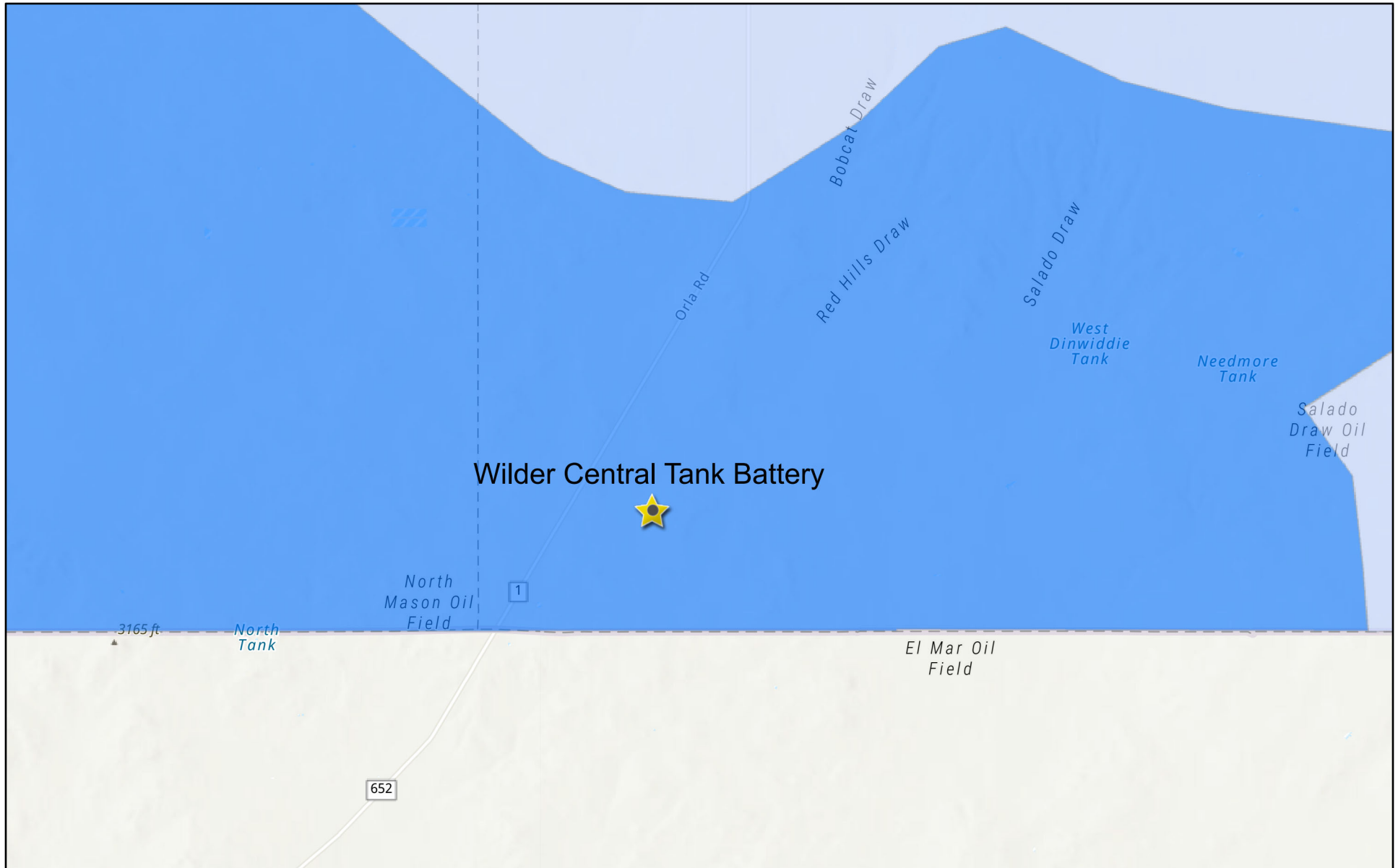
8/23/22 2:50 PM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



# Wilder CTB Release - NMOCD Karst Potential

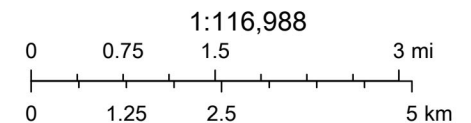


8/23/2022, 2:03:00 PM



Override 1

Karst Occurrence Potential  
Low  
Medium

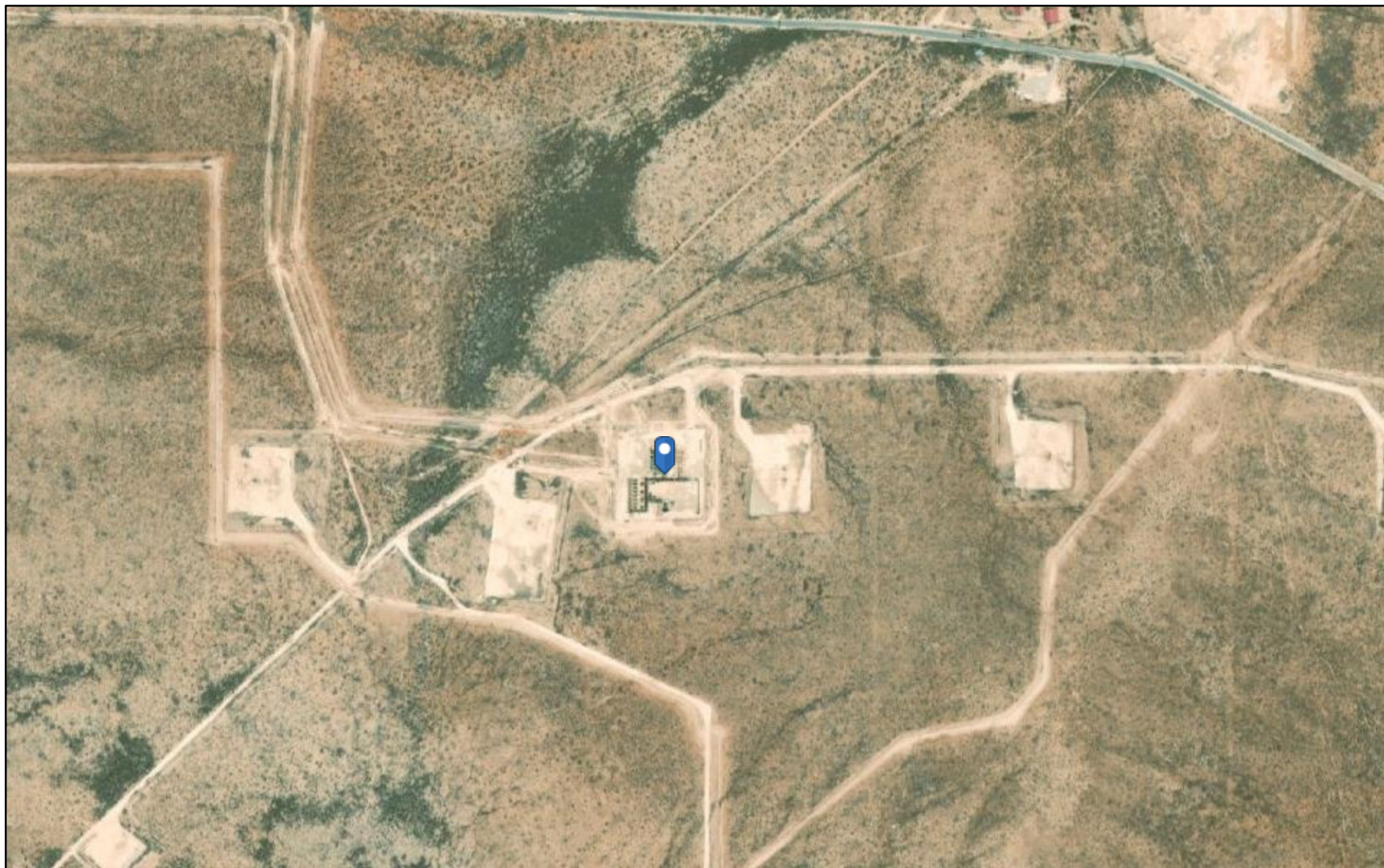


BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc.

New Mexico Oil Conservation Division

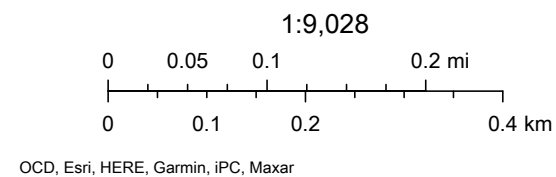
NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

## OCD Water Bodies



12/28/2021, 4:19:32 PM

- ★ OCD District Offices
- PLJV Probable Playas
- OSE Water-bodies
- OSE Streams



## **APPENDIX E**

### **Laboratory Analytical Data**



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

June 27, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CTB WILDER

Enclosed are the results of analyses for samples received by the laboratory on 06/24/22 13:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 06/24/2022  
 Reported: 06/27/2022  
 Project Name: CTB WILDER  
 Project Number: 212C-MD-02653  
 Project Location: EDDY COUNTY, NM

Sampling Date: 06/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 4 (H222719-01)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.17 | 108        | 2.00          | 1.15 |           |
| Toluene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.14 | 107        | 2.00          | 1.10 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/24/2022 | ND              | 2.02 | 101        | 2.00          | 1.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/24/2022 | ND              | 6.30 | 105        | 6.00          | 2.16 |           |
| Total BTX      | <0.300 | 0.300           | 06/24/2022 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 432    | 16.0            | 06/27/2022 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/25/2022 | ND              | 187 | 93.6       | 200           | 2.08 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/25/2022 | ND              | 200 | 100        | 200           | 9.08 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/25/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 131 % 43-149

Surrogate: 1-Chlorooctadecane 158 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 06/24/2022  
 Reported: 06/27/2022  
 Project Name: CTB WILDER  
 Project Number: 212C-MD-02653  
 Project Location: EDDY COUNTY, NM

Sampling Date: 06/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 7 (H222719-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.17 | 108        | 2.00          | 1.15 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.14 | 107        | 2.00          | 1.10 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/24/2022 | ND              | 2.02 | 101        | 2.00          | 1.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/24/2022 | ND              | 6.30 | 105        | 6.00          | 2.16 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/24/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 320    | 16.0            | 06/27/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/25/2022 | ND              | 187 | 93.6       | 200           | 2.08 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/25/2022 | ND              | 200 | 100        | 200           | 9.08 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/25/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 116 % 43-149

Surrogate: 1-Chlorooctadecane 140 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 06/24/2022  
 Reported: 06/27/2022  
 Project Name: CTB WILDER  
 Project Number: 212C-MD-02653  
 Project Location: EDDY COUNTY, NM

Sampling Date: 06/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 9 (H222719-03)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.17 | 108        | 2.00          | 1.15 |           |
| Toluene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.14 | 107        | 2.00          | 1.10 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/24/2022 | ND              | 2.02 | 101        | 2.00          | 1.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/24/2022 | ND              | 6.30 | 105        | 6.00          | 2.16 |           |
| Total BTEx     | <0.300 | 0.300           | 06/24/2022 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 256    | 16.0            | 06/27/2022 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/25/2022 | ND              | 187 | 93.6       | 200           | 2.08 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/25/2022 | ND              | 200 | 100        | 200           | 9.08 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/25/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 43-149

Surrogate: 1-Chlorooctadecane 143 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 06/24/2022  
 Reported: 06/27/2022  
 Project Name: CTB WILDER  
 Project Number: 212C-MD-02653  
 Project Location: EDDY COUNTY, NM

Sampling Date: 06/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 11 (H222719-04)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.17 | 108        | 2.00          | 1.15 |           |
| Toluene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.14 | 107        | 2.00          | 1.10 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/24/2022 | ND              | 2.02 | 101        | 2.00          | 1.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/24/2022 | ND              | 6.30 | 105        | 6.00          | 2.16 |           |
| Total BTX      | <0.300 | 0.300           | 06/24/2022 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 512    | 16.0            | 06/27/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/25/2022 | ND              | 187 | 93.6       | 200           | 2.08 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/25/2022 | ND              | 200 | 100        | 200           | 9.08 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/25/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 116 % 43-149

Surrogate: 1-Chlorooctadecane 139 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 06/24/2022  
 Reported: 06/27/2022  
 Project Name: CTB WILDER  
 Project Number: 212C-MD-02653  
 Project Location: EDDY COUNTY, NM

Sampling Date: 06/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: ESW - 3 (H222719-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.17 | 108        | 2.00          | 1.15 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.14 | 107        | 2.00          | 1.10 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/24/2022 | ND              | 2.02 | 101        | 2.00          | 1.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/24/2022 | ND              | 6.30 | 105        | 6.00          | 2.16 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/24/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 352    | 16.0            | 06/27/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/25/2022 | ND              | 187 | 93.6       | 200           | 2.08 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/25/2022 | ND              | 200 | 100        | 200           | 9.08 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/25/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 43-149

Surrogate: 1-Chlorooctadecane 134 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 06/24/2022  
 Reported: 06/27/2022  
 Project Name: CTB WILDER  
 Project Number: 212C-MD-02653  
 Project Location: EDDY COUNTY, NM

Sampling Date: 06/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: ESW - 4 (H222719-06)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.17 | 108        | 2.00          | 1.15 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/24/2022 | ND              | 2.14 | 107        | 2.00          | 1.10 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/24/2022 | ND              | 2.02 | 101        | 2.00          | 1.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/24/2022 | ND              | 6.30 | 105        | 6.00          | 2.16 |           |  |
| Total BTX      | <0.300 | 0.300           | 06/24/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 304    | 16.0            | 06/27/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/25/2022 | ND              | 187 | 93.6       | 200           | 2.08 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/25/2022 | ND              | 200 | 100        | 200           | 9.08 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/25/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 116 % 43-149

Surrogate: 1-Chlorooctadecane 133 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

---

### Notes and Definitions

|       |  |
|-------|--|
| S-04  | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.   |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.                               |
| ND    | Analyte NOT DETECTED at or above the reporting limit   |
| RPD   | Relative Percent Difference  |
| **    | Samples not received at proper temperature of 6°C or below.  |
| ***   | Insufficient time to reach temperature.  |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|  |  |   |  |
|--|--|---|--|
| <b>Company Name:</b> Canoco Phillips<br><b>Project Manager:</b> Christian Livuli<br><b>Address:</b><br><b>City:</b><br><b>State:</b><br><b>Zip:</b><br><b>Phone #:</b><br><b>Fax #:</b><br><b>Project #:</b> 212C-MD-02653 <b>Project Owner:</b><br><b>Project Name:</b> CTB Wilder<br><b>Project Location:</b> Eddy County, NM<br><b>Sample Name:</b> Andrew Garcia |  | <b>P.O. #:</b><br><b>Company:</b> TetraTech<br><b>Attn:</b> Christian Livuli<br><b>Address:</b><br><b>City:</b><br><b>State:</b><br><b>Zip:</b><br><b>Phone #:</b><br><b>Fax #:</b>   |  |
| <b>Lab I.D.</b> H228719<br><b>Sample I.D.</b> ES-4<br>ES-7<br>ES-9<br>ES-11<br>ESW-3<br>ESW-4  |  | <b>BILL TO</b><br><b>ANALYSIS REQUEST</b>   |  |
| <b>FOR LAB USE ONLY</b><br>(G)RAB OR (C)OMP.<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE<br>OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :   |  | <b>MATRIX</b><br><b>PRESERV</b><br><b>SAMPLING</b>  |  |
| <b>Relinquished By:</b> Andrew Garcia<br><b>Date:</b> 24 Jun 22<br><b>Time:</b> 1329<br><b>Received By:</b> Speed Riquelme<br><b>Date:</b> 24 Jun 22<br><b>Time:</b> 1329  |  | <b>Turnaround Time:</b> Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/><br><b>Thermometer ID #113</b><br><b>Correction Factor -0.5°C</b><br><b>Bacteria (only) Sample Condition</b><br>Cool Intact <input checked="" type="checkbox"/> Observed Temp. °C<br>Corrected Temp. °C |  |
| <b>Relinquished By:</b> Andrew Garcia<br><b>Date:</b> 24 Jun 22<br><b>Time:</b> 1329<br><b>Received By:</b> Speed Riquelme<br><b>Date:</b> 24 Jun 22<br><b>Time:</b> 1329  |  | <b>REMARKS:</b><br>Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:<br>All Results are emailed. Please provide Email address:<br>Christian.Livuli@tetratech.com  |  |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 11, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/08/22 13:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 2 (H222942-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |
| Total BTEX     | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 320    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 109 % 43-149

Surrogate: 1-Chlorooctadecane 118 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 3 (H222942-02)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |
| Total BTX      | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 752    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 134 % 43-149

Surrogate: 1-Chlorooctadecane 147 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 5 (H222942-03)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |
| Total BTX      | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 720    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 114 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 6 (H222942-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 336    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 113 % 43-149

Surrogate: 1-Chlorooctadecane 124 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 8 (H222942-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 448    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 121 % 43-149

Surrogate: 1-Chlorooctadecane 132 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 10 (H222942-06)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |
| Total BTX      | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 368    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 124 % 43-149

Surrogate: 1-Chlorooctadecane 135 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 12 (H222942-07)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |
| Total BTX      | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 528    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 133 % 43-149

Surrogate: 1-Chlorooctadecane 145 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: NSW - 2 (H222942-08)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |  |
| Total BTX      | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 464    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 114 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: NSW - 3 (H222942-09)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |
| Total BTX      | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 640    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 43-149

Surrogate: 1-Chlorooctadecane 113 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: WSW - 1 (H222942-10)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 87.0 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 576    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 99.2 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/08/2022                  | Sampling Date:      | 07/07/2022     |
| Reported:         | 07/11/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: WSW - 2 (H222942-11)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.09 | 104        | 2.00          | 0.562 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 1.95  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/08/2022 | ND              | 2.10 | 105        | 2.00          | 4.15  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/08/2022 | ND              | 6.41 | 107        | 6.00          | 2.87  |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/08/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 640    | 16.0            | 07/11/2022 | ND              | 416 | 104        | 400           | 3.77 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/08/2022 | ND              | 191 | 95.5       | 200           | 21.8 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/08/2022 | ND              | 183 | 91.5       | 200           | 19.6 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/08/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.5 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



---

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

### Notes and Definitions

|       |  |
|-------|--|
| QR-04 | The RPD for the BS/BSD was outside of historical limits.   |
| ND    | Analyte NOT DETECTED at or above the reporting limit   |
| RPD   | Relative Percent Difference  |
| **    | Samples not received at proper temperature of 6°C or below.  |
| ***   | Insufficient time to reach temperature.  |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager







101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name:

Coleen Phillips  
Christian Livell

Project Manager:

Coleen Phillips  
Christian Livell

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Owner:

Project Name:

City:

Project Location:

State:

Sampler Name:

Phone #:

FOR LAB USE ONLY

Fax #:

### BILL TO

### ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. In no event shall Cardinal be liable for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date:

Received By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Date:

Received By:

Delivered By: (Circle One)

Observed Temp. °C

Sample Condition

CHECKED BY:

Turnaround Time:

Standard

Rush

Bacteria (only)

Sample Condition

Observed Temp. °C

Corrected Temp. °C

Sampler - UPS - Bus - Other:

Corrected Temp. °C

Cool Intact

Yes

No

Thermometer ID #113

Correction Factor -0.5°C

Yes

No

Observed Temp. °C

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

July 15, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB REMEDIATION

Enclosed are the results of analyses for samples received by the laboratory on 07/14/22 15:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                        |                     |                  |
|-------------------|------------------------|---------------------|------------------|
| Received:         | 07/14/2022             | Sampling Date:      | 07/14/2022       |
| Reported:         | 07/15/2022             | Sampling Type:      | Soil             |
| Project Name:     | WILDER CTB REMEDIATION | Sampling Condition: | ** (See Notes)   |
| Project Number:   | 212C-MD-02653          | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP- LEA COUNTY, NM    |                     |                  |

**Sample ID: FS - 3 (4') (H223062-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.15 | 107        | 2.00          | 6.40 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.21 | 110        | 2.00          | 6.02 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.25 | 112        | 2.00          | 6.20 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.89 | 115        | 6.00          | 6.22 |           |  |
| Total BTEX     | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 336    | 16.0            | 07/15/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.6 % 43-149

Surrogate: 1-Chlorooctadecane 93.9 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 5 (4') (H223062-02)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.15 | 107        | 2.00          | 6.40 |           |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.21 | 110        | 2.00          | 6.02 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.25 | 112        | 2.00          | 6.20 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.89 | 115        | 6.00          | 6.22 |           |
| Total BTX      | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 400    | 16.0            | 07/15/2022 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 73.7 % 43-149

Surrogate: 1-Chlorooctadecane 83.5 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 16 (H223062-03)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.15 | 107        | 2.00          | 6.40 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.21 | 110        | 2.00          | 6.02 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.25 | 112        | 2.00          | 6.20 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.89 | 115        | 6.00          | 6.22 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 224    | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 70.7 % 43-149

Surrogate: 1-Chlorooctadecane 78.9 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 17 (H223062-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.15 | 107        | 2.00          | 6.40 |           |  |
| Toluene*       | 0.050  | 0.050           | 07/15/2022 | ND              | 2.21 | 110        | 2.00          | 6.02 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.25 | 112        | 2.00          | 6.20 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.89 | 115        | 6.00          | 6.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 69.3 % 43-149

Surrogate: 1-Chlorooctadecane 76.8 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 18 (H223062-05)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.15 | 107        | 2.00          | 6.40 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.21 | 110        | 2.00          | 6.02 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.25 | 112        | 2.00          | 6.20 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.89 | 115        | 6.00          | 6.22 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 73.9 % 43-149

Surrogate: 1-Chlorooctadecane 83.8 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 3 (3') (H223062-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.08 | 104        | 2.00          | 0.575 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.14 | 107        | 2.00          | 0.741 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.18 | 109        | 2.00          | 0.971 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.66 | 111        | 6.00          | 0.853 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 384    | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 63.0 % 43-149

Surrogate: 1-Chlorooctadecane 74.7 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 6 (H223062-07)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.08 | 104        | 2.00          | 0.575 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.14 | 107        | 2.00          | 0.741 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.18 | 109        | 2.00          | 0.971 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.66 | 111        | 6.00          | 0.853 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 69.0 % 43-149

Surrogate: 1-Chlorooctadecane 78.4 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 2 (1') (H223062-08)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.08 | 104        | 2.00          | 0.575 |           |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.14 | 107        | 2.00          | 0.741 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.18 | 109        | 2.00          | 0.971 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.66 | 111        | 6.00          | 0.853 |           |
| Total BTX      | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 352    | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 66.4 % 43-149

Surrogate: 1-Chlorooctadecane 75.2 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 4 (H223062-09)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.08 | 104        | 2.00          | 0.575 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.14 | 107        | 2.00          | 0.741 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.18 | 109        | 2.00          | 0.971 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.66 | 111        | 6.00          | 0.853 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 72.5 % 43-149

Surrogate: 1-Chlorooctadecane 82.2 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 1 (H223062-10)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.08 | 104        | 2.00          | 0.575 |           |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.14 | 107        | 2.00          | 0.741 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.18 | 109        | 2.00          | 0.971 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.66 | 111        | 6.00          | 0.853 |           |
| Total BTEx     | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 320    | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 67.6 % 43-149

Surrogate: 1-Chlorooctadecane 77.0 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/14/2022  
 Reported: 07/15/2022  
 Project Name: WILDER CTB REMEDIATION  
 Project Number: 212C-MD-02653  
 Project Location: COP- LEA COUNTY, NM

Sampling Date: 07/14/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 5 (H223062-11)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.08 | 104        | 2.00          | 0.575 |           |
| Toluene*       | <0.050 | 0.050           | 07/15/2022 | ND              | 2.14 | 107        | 2.00          | 0.741 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/15/2022 | ND              | 2.18 | 109        | 2.00          | 0.971 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/15/2022 | ND              | 6.66 | 111        | 6.00          | 0.853 |           |
| Total BTX      | <0.300 | 0.300           | 07/15/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 160    | 16.0            | 07/15/2022 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/15/2022 | ND              | 184 | 91.9       | 200           | 20.0 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/15/2022 | ND              | 182 | 90.9       | 200           | 18.4 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/15/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 59.8 % 43-149

Surrogate: 1-Chlorooctadecane 68.9 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

---

### Notes and Definitions

|       |  |
|-------|--|
| QR-04 | The RPD for the BS/BSD was outside of historical limits.   |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.                               |
| ND    | Analyte NOT DETECTED at or above the reporting limit   |
| RPD   | Relative Percent Difference  |
| **    | Samples not received at proper temperature of 6°C or below.  |
| ***   | Insufficient time to reach temperature.  |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

|  |  |  |  |  |   |  |  |  |  |
|--|--|--|--|--|---|--|--|--|--|
| (575) 393-2326 FAX (575) 393-2476  |  |  |  |  |   |  |  |  |  |
| Company Name: <b>Conoco Phillips</b><br>Project Manager: <b>Christian Llun</b><br>Address:<br>City:                      State:                      Zip:<br>Phone #:                      Fax #:  |  |  |  |  | <b>BILL TO</b><br>P.O. #:<br>Company: <b>Tetra Tech</b><br>Attn: <b>Christian Llun</b><br>Address:<br>City:                      State:                      Zip:<br>Phone #:                      Fax #:   |  |  |  |  |
| Project #: <b>212C-MD-02653</b> Project Owner:<br>Project Name: <b>Wilder STB Remediation</b><br>Project Location: <b>Lea County, NM</b>   |  |  |  |  |   |  |  |  |  |
| Sampler Name: <b>Andrew Corrick</b><br>FOR LAB USE ONLY  |  |  |  |  | ANALYSIS REQUEST  |  |  |  |  |
| Lab I.D.                      Sample I.D.  |  |  |  |  |   |  |  |  |  |
| 10230003                      FS-3(4')                      (G)RAB OR (C)OMP.                      # CONTAINERS                      GROUNDWATER                      WASTEWATER                      SOIL                      OIL                      SLUDGE                      OTHER:                      ACID/BASE:                      ICE / COOL                      OTHER:                      DATE                      TIME                      TPH                      BTEX                      Chloride 4500  |  |  |  |  |   |  |  |  |  |
| 1                      FS-5(4')                      1                      14524                      920                      X  |  |  |  |  |   |  |  |  |  |
| 2                      FS-16                      1                      915                      X  |  |  |  |  |   |  |  |  |  |
| 3                      FS-17                      1                      930                      X  |  |  |  |  |   |  |  |  |  |
| 4                      FS-18                      1                      945                      X  |  |  |  |  |   |  |  |  |  |
| 5                      NSM-3(3')                      1                      1000                      X   |  |  |  |  |   |  |  |  |  |
| 6                      NSM-6                      1                      1015                      X   |  |  |  |  |   |  |  |  |  |
| 7                      NSM-2(1')                      1                      1030                      X   |  |  |  |  |   |  |  |  |  |
| 8                      NSM-4                      1                      1045                      X   |  |  |  |  |   |  |  |  |  |
| 9                      NSM-1                      1                      1100                      X   |  |  |  |  |   |  |  |  |  |
| 10                      55W-1                      1                      1115                      X  |  |  |  |  |   |  |  |  |  |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. |  |  |  |  |   |  |  |  |  |
| Relinquished By: <b>Andrew Garza</b><br>Date: <b>11/15/22</b><br>Time: <b>1501</b>   |  |  |  |  | Received By: <b>Christian Llun</b><br>Date: <b>11/15/22</b><br>Time: <b>1501</b>  |  |  |  |  |
| Relinquished By:   |  |  |  |  | Received By:  |  |  |  |  |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:   |  |  |  |  | Observed Temp. °C: <b>27.7</b><br>Corrected Temp. °C: <b>27.1</b><br>Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No<br>CHECKED BY: <b>ML</b> (Initials) |  |  |  |  |
| Turnaround Time: <b>Standard</b> <input type="checkbox"/> <b>Rush</b> <input checked="" type="checkbox"/><br>Thermometer ID #113 <b>24 HR</b><br>Correction Factor: <b>-0.5°C</b>  |  |  |  |  | Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Observed Temp. °C:                      Corrected Temp. °C:                                      |  |  |  |  |
| REMARKS: <b>Christian.Llun@TetraTech.com</b>   |  |  |  |  |   |  |  |  |  |
| Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No                      Add'l Phone #:  |  |  |  |  |   |  |  |  |  |
| All Results are emailed. Please provide Email address:   |  |  |  |  |   |  |  |  |  |



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

[illegible]





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

July 21, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/20/22 10:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                  |
|-------------------|-----------------------------|---------------------|------------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/19/2022       |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil             |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Shalyn Rodriguez |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                  |

**Sample ID: FS - 19 (H223158-01)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |
| Toluene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/20/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/20/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |
| Total BTX      | <0.300 | 0.300           | 07/20/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 96.0   | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/20/2022 | ND              | 161 | 80.6       | 200           | 1.66  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/20/2022 | ND              | 168 | 84.2       | 200           | 0.453 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/20/2022 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 79.7 % 43-149

Surrogate: 1-Chlorooctadecane 85.1 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/20/2022  
 Reported: 07/21/2022  
 Project Name: WILDER CTB RELEASE  
 Project Number: 212C - MD - 02653  
 Project Location: CONOCO PHILLIPS - LEA CO NM

Sampling Date: 07/19/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 20 (H223158-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/20/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/20/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/20/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 224    | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/20/2022 | ND              | 161 | 80.6       | 200           | 1.66  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/20/2022 | ND              | 168 | 84.2       | 200           | 0.453 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/20/2022 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 71.4 % 43-149

Surrogate: 1-Chlorooctadecane 76.4 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/20/2022  
 Reported: 07/21/2022  
 Project Name: WILDER CTB RELEASE  
 Project Number: 212C - MD - 02653  
 Project Location: CONOCO PHILLIPS - LEA CO NM

Sampling Date: 07/19/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 21 (H223158-03)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/20/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/20/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/20/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 176    | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 72.2 % 43-149

Surrogate: 1-Chlorooctadecane 77.5 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                  |
|-------------------|-----------------------------|---------------------|------------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/19/2022       |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil             |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Shalyn Rodriguez |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                  |

**Sample ID: NSW - 7 (H223158-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/20/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/20/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/20/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 208    | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 67.3 % 43-149

Surrogate: 1-Chlorooctadecane 72.3 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                  |
|-------------------|-----------------------------|---------------------|------------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/19/2022       |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil             |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Shalyn Rodriguez |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                  |

**Sample ID: ESW - 5 (H223158-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |
| Toluene*       | <0.050 | 0.050           | 07/20/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/20/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/20/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |
| Total BTEx     | <0.300 | 0.300           | 07/20/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 112    | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 69.2 % 43-149

Surrogate: 1-Chlorooctadecane 74.7 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                  |
|-------------------|-----------------------------|---------------------|------------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/19/2022       |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil             |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Shalyn Rodriguez |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                  |

**Sample ID: SSW -6 (H223158-06)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 176    | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.0 % 43-149

Surrogate: 1-Chlorooctadecane 80.7 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received: 07/20/2022  
 Reported: 07/21/2022  
 Project Name: WILDER CTB RELEASE  
 Project Number: 212C - MD - 02653  
 Project Location: CONOCO PHILLIPS - LEA CO NM

Sampling Date: 07/19/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 5 (H223158-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |
| Total BTEx     | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 192    | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 66.4 % 43-149

Surrogate: 1-Chlorooctadecane 71.4 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



---

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

### Notes and Definitions

|       |  |
|-------|--|
| QR-04 | The RPD for the BS/BSD was outside of historical limits.   |
| ND    | Analyte NOT DETECTED at or above the reporting limit   |
| RPD   | Relative Percent Difference  |
| **    | Samples not received at proper temperature of 6°C or below.  |
| ***   | Insufficient time to reach temperature.  |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



**101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476**

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

page 1 of 1

|  |  |  |  |   |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|---|--|--|--|
| Company Name: <b>Cardinal</b><br>Project Manager: <b>Christina Linn</b><br>Address: _____<br>City: _____ State: _____ Zip: _____<br>Phone #: _____ Fax #: _____<br>Project #: <b>2120-MD-02453</b> Project Owner: _____<br>Project Name: <b>Wilder CTB</b><br>Project Location: <b>Lee County, NM</b><br>Sampler Name: <b>Andrew Govea</b><br>FOR LAB USE ONLY   |  |  |  | <b>BILL TO</b><br>P.O. #: _____<br>Company: <b>tetra Tech</b><br>Attn: <b>Christina Linn</b><br>Address: _____<br>City: _____ State: _____ Zip: _____<br>Phone #: _____ Fax #: _____  |  |  |  | <b>ANALYSIS REQUEST</b>   |  |  |  |
| Lab I.D. <b>H223158</b><br>Sample I.D.   |  |  |  | (G)RAB OR (C)OMP. _____<br># CONTAINERS _____<br>GROUNDWATER _____<br>WASTEWATER _____<br>SOIL _____<br>OIL _____<br>SLUDGE _____<br>OTHER: _____<br>ACID/BASE: _____<br>ICE / COOL _____<br>OTHER: _____   |  |  |  | MATRIX _____<br>PRESERV _____<br>SAMPLING _____   |  |  |  |
| 1 FS-19<br>2 FS-20<br>3 FS-21<br>4 NSW-7<br>5 ESW-5<br>6 SSW-6<br>7 WSW-5  |  |  |  | 19 July 2022<br>DATE<br>TIME<br>900 930 1000 1030 1100 1130 1200  |  |  |  | TPH<br>BTEX<br>Chloride 4500  |  |  |  |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. |  |  |  | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____<br>All Results are emailed. Please provide Email address: _____   |  |  |  | REMARKS: <b>Christina.Linn@tetraTech.com</b>  |  |  |  |
| Relinquished By: <b>Andrew Govea</b><br>Relinquished By: _____<br>Date: <b>20 July 22</b><br>Time: <b>1003</b><br>Received By: <b>Stacy Riquelme</b><br>Date: _____<br>Time: _____   |  |  |  | Delivered By: (Circle One)<br>Observed Temp. °C <b>1.8°C</b><br>Corrected Temp. °C <b>1.2°C</b><br>Sample Condition<br>Cool <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Intact <input type="checkbox"/> Yes <input type="checkbox"/> No<br>CHECKED BY: (Initials) <b>SG</b> |  |  |  | Turnaround Time: <b>Standard</b> <input type="checkbox"/> <b>Rush</b> <input checked="" type="checkbox"/><br>Thermometer ID #113 <b>24 HR</b><br>Correction Factor <b>-0.3°C</b><br>Bacteria (only) <input type="checkbox"/><br>Cool <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Intact <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Sample Condition<br>Observed Temp. °C _____<br>Corrected Temp. °C _____ |  |  |  |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 21, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/20/22 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: SSW - 2 (H223161-01)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |
| Total BTX      | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 07/21/2022 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.9 % 43-149

Surrogate: 1-Chlorooctadecane 91.7 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: SSW - 3 (H223161-02)**

| BTX 8021B      |        |                 | mg/kg            |              |      |            |               |      |           |  |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|------|-----------|--|
|                |        |                 | Analyzed By: JH/ |              |      |            |               |      |           |  |
| Analyte        | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/21/2022       | ND           | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/21/2022       | ND           | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022       | ND           | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022       | ND           | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/21/2022       | ND           |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

| Chloride, SM4500CI-B |        |                 | mg/kg           |              |     |            |               |      |           |  |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
|                      |        |                 | Analyzed By: GM |              |     |            |               |      |           |  |
| Analyte              | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 112    | 16.0            | 07/21/2022      | ND           | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        |                 | mg/kg           |              |     |            |               |      |           |  |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
|                  |        |                 | Analyzed By: MS |              |     |            |               |      |           |  |
| Analyte          | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022      | ND           | 178 | 89.2       | 200           | 7.93 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022      | ND           | 179 | 89.5       | 200           | 11.7 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022      | ND           |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 73.4 % 43-149

Surrogate: 1-Chlorooctadecane 79.1 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: SSW - 4 (H223161-03)**

| BTX 8021B      |        |                 | mg/kg            |              |      |            |               |      |           |  |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|------|-----------|--|
|                |        |                 | Analyzed By: JH/ |              |      |            |               |      |           |  |
| Analyte        | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/21/2022       | ND           | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/21/2022       | ND           | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022       | ND           | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022       | ND           | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/21/2022       | ND           |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B |        |                 | mg/kg           |              |     |            |               |      |           |  |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
|                      |        |                 | Analyzed By: GM |              |     |            |               |      |           |  |
| Analyte              | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 176    | 16.0            | 07/21/2022      | ND           | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        |                 | mg/kg           |              |     |            |               |      |           |  |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
|                  |        |                 | Analyzed By: MS |              |     |            |               |      |           |  |
| Analyte          | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022      | ND           | 178 | 89.2       | 200           | 7.93 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022      | ND           | 179 | 89.5       | 200           | 11.7 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022      | ND           |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 75.9 % 43-149

Surrogate: 1-Chlorooctadecane 83.3 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: WSW - 3 (H223161-04)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTEX     | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6080   | 16.0            | 07/21/2022 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 72.9 % 43-149

Surrogate: 1-Chlorooctadecane 80.4 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: NSW - 4 (H223161-05)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               | S-04 |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 | GC-NC     |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |
| Total BTX      | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 141 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               | S-04 |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2760   | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               | S-04 |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | 46.3   | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | 8250   | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | 1410   | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 43-149

Surrogate: 1-Chlorooctadecane 269 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: NSW - 5 (H223161-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.2 % 43-149

Surrogate: 1-Chlorooctadecane 91.8 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 13 (H223161-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7040   | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 69.9 % 43-149

Surrogate: 1-Chlorooctadecane 77.1 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 14 (H223161-08)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTEX     | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2800   | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | 11.8   | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 63.3 % 43-149

Surrogate: 1-Chlorooctadecane 70.3 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/20/2022                  | Sampling Date:      | 07/20/2022     |
| Reported:         | 07/21/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 15 (H223161-09)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.14 | 107        | 2.00          | 13.2 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/21/2022 | ND               | 2.22 | 111        | 2.00          | 13.8 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/21/2022 | ND               | 2.25 | 112        | 2.00          | 12.9 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/21/2022 | ND               | 6.85 | 114        | 6.00          | 11.8 |           |  |
| Total BTEX     | <0.300 | 0.300           | 07/21/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2760   | 16.0            | 07/21/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               | S-04 |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/21/2022 | ND              | 178 | 89.2       | 200           | 7.93 |           |
| DRO >C10-C28*    | 1910   | 10.0            | 07/21/2022 | ND              | 179 | 89.5       | 200           | 11.7 |           |
| EXT DRO >C28-C36 | 757    | 10.0            | 07/21/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 65.9 % 43-149

Surrogate: 1-Chlorooctadecane 187 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

---

### Notes and Definitions

|       |  |
|-------|--|
| S-04  | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.   |
| QR-04 | The RPD for the BS/BSD was outside of historical limits.   |
| GC-NC | 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.                                      |
| ND    | Analyte NOT DETECTED at or above the reporting limit   |
| RPD   | Relative Percent Difference  |
| **    | Samples not received at proper temperature of 6°C or below.  |
| ***   | Insufficient time to reach temperature.  |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 1

|   |  |                             |  |                |  |                  |  |          |  |
|---|--|-----------------------------|--|----------------|--|------------------|--|----------|--|
| Company Name: <b>Conoco Phillips</b>    |  | P.O. #:                     |  | BILL TO        |  | ANALYSIS REQUEST |  |          |  |
| Project Manager: <b>Christian Livi</b>  |  | Company: <b>Tetra Tech</b>  |  |                |  |                  |  |          |  |
| Address:                                |  | Attn: <b>Christian Livi</b> |  |                |  |                  |  |          |  |
| City:                                   |  | Address:                    |  |                |  |                  |  |          |  |
| State:                                  |  | City:                       |  |                |  |                  |  |          |  |
| Zip:                                    |  | State:                      |  |                |  |                  |  |          |  |
| Phone #:                                |  | Fax #:                      |  |                |  |                  |  |          |  |
| Project #: <b>212e-MD-02653</b>         |  | Project Owner:              |  |                |  |                  |  |          |  |
| Project Name: <b>Wilder CTB</b>         |  | City:                       |  |                |  |                  |  |          |  |
| Project Location: <b>Log County, NM</b> |  | State:                      |  |                |  |                  |  |          |  |
| Sample Name: <b>Andrew Garcia</b>       |  | Phone #:                    |  |                |  |                  |  |          |  |
| Fax #:                                  |  |                             |  |                |  |                  |  |          |  |
| FOR LAB USE ONLY                        |  |                             |  |                |  |                  |  |          |  |
| Lab I.D.                                |  | (G)RAB OR (C)OMP.           |  | MATRIX         |  | PRESERV.         |  | SAMPLING |  |
| Sample I.D.                             |  | # CONTAINERS                |  | GROUNDWATER    |  | WASTEWATER       |  | SOIL     |  |
|   |  |                             |  | OIL            |  | SLUDGE           |  | OTHER :  |  |
|   |  |                             |  | ACID/BASE:     |  | ICE / COOL       |  | OTHER :  |  |
|   |  |                             |  | DATE           |  | TIME             |  |          |  |
| <b>H223161</b>                          |  | <b>2022</b>                 |  | <b>20 July</b> |  | <b>900</b>       |  |          |  |
| <b>1</b>                                |  | <b>SSW-2</b>                |  | <b>930</b>     |  | <b>1000</b>      |  |          |  |
| <b>2</b>                                |  | <b>SSW-3</b>                |  | <b>1030</b>    |  | <b>1100</b>      |  |          |  |
| <b>3</b>                                |  | <b>SSW-4</b>                |  | <b>1130</b>    |  | <b>1200</b>      |  |          |  |
| <b>4</b>                                |  | <b>NSW-3</b>                |  | <b>1230</b>    |  | <b>1300</b>      |  |          |  |
| <b>5</b>                                |  | <b>NSW-4</b>                |  |                |  |                  |  |          |  |
| <b>6</b>                                |  | <b>NSW-5</b>                |  |                |  |                  |  |          |  |
| <b>7</b>                                |  | <b>FS-13</b>                |  |                |  |                  |  |          |  |
| <b>8</b>                                |  | <b>FS-14</b>                |  |                |  |                  |  |          |  |
| <b>9</b>                                |  | <b>FS-15</b>                |  |                |  |                  |  |          |  |

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

|                                       |  |                                |  |   |  |                        |  |   |  |
|---------------------------------------|--|--------------------------------|--|---|--|------------------------|--|---|--|
| Relinquished By: <b>Andrew Garcia</b> |  | Date: <b>20 July 22</b>        |  | Received By: <b>Christian Livi</b>  |  | Date: <b>18 25</b>     |  | Time: <b>15 25</b>  |  |
| Relinquished By:                      |  | Date:                          |  | Received By:  |  | Date:                  |  | Time:   |  |
| Delivered By: (Circle One)            |  | Observed Temp. °C <b>34.3</b>  |  | Sample Condition  |  | CHECKED BY: (Initials) |  | Turnaround Time:  |  |
| Sampler - UPS - Bus - Other:          |  | Corrected Temp. °C <b>33.7</b> |  | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  | <b>qpc</b>             |  | Thermometer ID #113   |  |
|                                       |  |                                |  | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |                        |  | Correction Factor -0.3°C  |  |
|                                       |  |                                |  |   |  |                        |  | Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>      |  |
|                                       |  |                                |  |   |  |                        |  | Bacteria (only) Sample Condition  |  |
|                                       |  |                                |  |   |  |                        |  | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |
|                                       |  |                                |  |   |  |                        |  | Observed Temp. °C   |  |
|                                       |  |                                |  |   |  |                        |  | Corrected Temp. °C  |  |

REMARKS: **Christian. Livi @ Tetra Tech.com**

† Cardinal cannot accept verbal changes. Please email changes to [celey.keeine@cardinallabsnm.com](mailto:celey.keeine@cardinallabsnm.com)





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

July 22, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/21/22 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/21/2022                  | Sampling Date:      | 07/21/2022     |
| Reported:         | 07/22/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: ESW - 1 (H223204-01)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/22/2022 | ND              | 2.09 | 104        | 2.00          | 8.36 |           |
| Toluene*       | <0.050 | 0.050           | 07/22/2022 | ND              | 2.17 | 109        | 2.00          | 9.11 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/22/2022 | ND              | 2.18 | 109        | 2.00          | 7.85 |           |
| Total Xylenes* | <0.150 | 0.150           | 07/22/2022 | ND              | 6.61 | 110        | 6.00          | 6.60 |           |
| Total BTEX     | <0.300 | 0.300           | 07/22/2022 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 416    | 16.0            | 07/22/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |        |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/22/2022 | ND              | 233 | 117        | 200           | 1.44   |           |
| DRO >C10-C28*    | 39.0   | 10.0            | 07/22/2022 | ND              | 234 | 117        | 200           | 0.0240 |           |
| EXT DRO >C28-C36 | 10.1   | 10.0            | 07/22/2022 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 56.5 % 43-149

Surrogate: 1-Chlorooctadecane 65.5 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/21/2022                  | Sampling Date:      | 07/21/2022     |
| Reported:         | 07/22/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: ESW - 2 (H223204-02)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/22/2022 | ND              | 2.09 | 104        | 2.00          | 8.36 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/22/2022 | ND              | 2.17 | 109        | 2.00          | 9.11 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/22/2022 | ND              | 2.18 | 109        | 2.00          | 7.85 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/22/2022 | ND              | 6.61 | 110        | 6.00          | 6.60 |           |  |
| Total BTEX     | <0.300 | 0.300           | 07/22/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 432    | 16.0            | 07/22/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |        |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/22/2022 | ND              | 233 | 117        | 200           | 1.44   |           |
| DRO >C10-C28*    | 37.5   | 10.0            | 07/22/2022 | ND              | 234 | 117        | 200           | 0.0240 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/22/2022 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 58.9 % 43-149

Surrogate: 1-Chlorooctadecane 67.4 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/21/2022                  | Sampling Date:      | 07/21/2022     |
| Reported:         | 07/22/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: NSW - 1 (H223204-03)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/22/2022 | ND              | 2.09 | 104        | 2.00          | 8.36 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/22/2022 | ND              | 2.17 | 109        | 2.00          | 9.11 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/22/2022 | ND              | 2.18 | 109        | 2.00          | 7.85 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/22/2022 | ND              | 6.61 | 110        | 6.00          | 6.60 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/22/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 352    | 16.0            | 07/22/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |        |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/22/2022 | ND              | 233 | 117        | 200           | 1.44   |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/22/2022 | ND              | 234 | 117        | 200           | 0.0240 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/22/2022 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 72.3 % 43-149

Surrogate: 1-Chlorooctadecane 78.9 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/21/2022                  | Sampling Date:      | 07/21/2022     |
| Reported:         | 07/22/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 1 (H223204-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/22/2022 | ND              | 2.09 | 104        | 2.00          | 8.36 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/22/2022 | ND              | 2.17 | 109        | 2.00          | 9.11 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/22/2022 | ND              | 2.18 | 109        | 2.00          | 7.85 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/22/2022 | ND              | 6.61 | 110        | 6.00          | 6.60 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/22/2022 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 368    | 16.0            | 07/22/2022 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |        |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/22/2022 | ND              | 233 | 117        | 200           | 1.44   |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/22/2022 | ND              | 234 | 117        | 200           | 0.0240 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/22/2022 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 69.8 % 43-149

Surrogate: 1-Chlorooctadecane 77.6 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

### Notes and Definitions

|     |  |
|-----|--|
| ND  | Analyte NOT DETECTED at or above the reporting limit   |
| RPD | Relative Percent Difference  |
| **  | Samples not received at proper temperature of 6°C or below.  |
| *** | Insufficient time to reach temperature.  |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

|  |  |                             |  |         |  |                  |  |
|--|--|-----------------------------|--|---------|--|------------------|--|
| Company Name: <u>Conoco Phillips</u>           |  | P.O. #:                     |  | BILL TO |  | ANALYSIS REQUEST |  |
| Project Manager: <u>Christian Llwl</u>         |  | Attn: <u>Christina Tech</u> |  |         |  |                  |  |
| Address:                                       |  | Address:                    |  |         |  |                  |  |
| City:  |  | City:                       |  |         |  |                  |  |
| State:   |  | State:                      |  |         |  |                  |  |
| Zip:   |  | Zip:                        |  |         |  |                  |  |
| Phone #:                                       |  | Phone #:                    |  |         |  |                  |  |
| Fax #:   |  | Fax #:                      |  |         |  |                  |  |
| Project #: <u>212C-MD-02653</u> Project Owner: |  | City:                       |  |         |  |                  |  |
| Project Name: <u>Wilder CTB</u>                |  | State:                      |  |         |  |                  |  |
| Project Location: <u>Lea County, NM</u>        |  | Phone #:                    |  |         |  |                  |  |
| Sample Name: <u>Andrew Garcia</u>              |  | Fax #:                      |  |         |  |                  |  |

| Lab I.D.       | Sample I.D.  | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |          |     |        |         | DATE | TIME                | BTEX        | TPH      | Chloride 4500 | ANALYSIS REQUEST |            |         |  |  |
|----------------|--------------|-------------------|--------------|-------------|------------|----------|-----|--------|---------|------|---------------------|-------------|----------|---------------|------------------|------------|---------|--|--|
|                |              |                   |              | GROUNDWATER | WASTEWATER | SOIL     | OIL | SLUDGE | OTHER : |      |                     |             |          |               | ACID/BASE:       | ICE / COOL | OTHER : |  |  |
| <u>H223204</u> | <u>ESW-1</u> | <u>G</u>          | <u>1</u>     |             |            | <u>X</u> |     |        |         |      | <u>21 July 2022</u> | <u>900</u>  | <u>X</u> | <u>X</u>      | <u>X</u>         |            |         |  |  |
|                | <u>ESW-2</u> | <u>G</u>          | <u>1</u>     |             |            | <u>X</u> |     |        |         |      | <u>21 July 2022</u> | <u>1000</u> | <u>X</u> | <u>X</u>      | <u>X</u>         |            |         |  |  |
|                | <u>NSW-1</u> | <u>G</u>          | <u>1</u>     |             |            | <u>X</u> |     |        |         |      | <u>21 July 2022</u> | <u>1100</u> | <u>X</u> | <u>X</u>      | <u>X</u>         |            |         |  |  |
|                | <u>ES-1</u>  | <u>G</u>          | <u>1</u>     |             |            | <u>X</u> |     |        |         |      | <u>21 July 2022</u> | <u>1200</u> | <u>X</u> | <u>X</u>      | <u>X</u>         |            |         |  |  |

|                                       |  |                                |  |   |  |  |  |
|---------------------------------------|--|--------------------------------|--|---|--|--|--|
| Relinquished By: <u>Andrew Garcia</u> |  | Date: <u>21 July 23</u>        |  | Received By: <u>Christina Tech</u>  |  | Date: <u>21 July 23</u>  |  |
| Relinquished By: <u>Andrew Garcia</u> |  | Date: <u>21 July 23</u>        |  | Received By: <u>Christina Tech</u>  |  | Date: <u>21 July 23</u>  |  |
| Delivered By: (Circle One)            |  | Observed Temp. °C <u>33.4</u>  |  | Sample Condition  |  | CHECKED BY: <u>Y.O.</u>  |  |
| Sampler - UPS - Bus - Other:          |  | Corrected Temp. °C <u>31.8</u> |  | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> |  | Thermometer ID #113  |  |
|                                       |  |                                |  | No <input type="checkbox"/> Yes <input type="checkbox"/>                            |  | Correction Factor -0.3°C   |  |
|                                       |  |                                |  | No <input type="checkbox"/> Yes <input type="checkbox"/>                            |  | Turnaround Time: <u>24 HR</u>  |  |
|                                       |  |                                |  | No <input type="checkbox"/> Yes <input type="checkbox"/>                            |  | Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> |  |
|                                       |  |                                |  | No <input type="checkbox"/> Yes <input type="checkbox"/>                            |  | Bacteria (only) Sample Condition   |  |
|                                       |  |                                |  | No <input type="checkbox"/> Yes <input type="checkbox"/>                            |  | Cool Intact <input checked="" type="checkbox"/>                            |  |
|                                       |  |                                |  | No <input type="checkbox"/> Yes <input type="checkbox"/>                            |  | Observed Temp. °C  |  |
|                                       |  |                                |  | No <input type="checkbox"/> Yes <input type="checkbox"/>                            |  | Corrected Temp. °C   |  |

REMARKS: Christian.Llwl@tetatech.com

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

July 25, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/22/22 12:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/22/2022                  | Sampling Date:      | 07/22/2022     |
| Reported:         | 07/25/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: WSW - 3 (4') (H223228-01)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 07/23/2022 | ND              | 2.11 | 106        | 2.00          | 0.481  |           |
| Toluene*       | <0.050 | 0.050           | 07/23/2022 | ND              | 2.17 | 109        | 2.00          | 0.165  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 07/23/2022 | ND              | 2.20 | 110        | 2.00          | 0.337  |           |
| Total Xylenes* | <0.150 | 0.150           | 07/23/2022 | ND              | 6.80 | 113        | 6.00          | 0.0336 |           |
| Total BTX      | <0.300 | 0.300           | 07/23/2022 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 256    | 16.0            | 07/25/2022 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/23/2022 | ND              | 228 | 114        | 200           | 6.00 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/23/2022 | ND              | 225 | 112        | 200           | 6.95 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/23/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.0 % 43-149

Surrogate: 1-Chlorooctadecane 88.1 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/22/2022                  | Sampling Date:      | 07/22/2022     |
| Reported:         | 07/25/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: NSW - 4 (8') (H223228-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |        |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/23/2022 | ND              | 2.11 | 106        | 2.00          | 0.481  |           |  |
| Toluene*       | <0.050 | 0.050           | 07/23/2022 | ND              | 2.17 | 109        | 2.00          | 0.165  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/23/2022 | ND              | 2.20 | 110        | 2.00          | 0.337  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/23/2022 | ND              | 6.80 | 113        | 6.00          | 0.0336 |           |  |
| Total BTEx     | <0.300 | 0.300           | 07/23/2022 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 416    | 16.0            | 07/25/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/23/2022 | ND              | 228 | 114        | 200           | 6.00 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/23/2022 | ND              | 225 | 112        | 200           | 6.95 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/23/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.8 % 43-149

Surrogate: 1-Chlorooctadecane 90.0 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                             |                     |                |
|-------------------|-----------------------------|---------------------|----------------|
| Received:         | 07/22/2022                  | Sampling Date:      | 07/22/2022     |
| Reported:         | 07/25/2022                  | Sampling Type:      | Soil           |
| Project Name:     | WILDER CTB RELEASE          | Sampling Condition: | ** (See Notes) |
| Project Number:   | 212C - MD - 02653           | Sample Received By: | Tamara Oldaker |
| Project Location: | CONOCO PHILLIPS - LEA CO NM |                     |                |

**Sample ID: FS - 15 (2.5') (H223228-03)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |        |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 07/23/2022 | ND              | 2.11 | 106        | 2.00          | 0.481  |           |  |
| Toluene*       | <0.050 | 0.050           | 07/23/2022 | ND              | 2.17 | 109        | 2.00          | 0.165  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/23/2022 | ND              | 2.20 | 110        | 2.00          | 0.337  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/23/2022 | ND              | 6.80 | 113        | 6.00          | 0.0336 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/23/2022 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 480    | 16.0            | 07/25/2022 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 07/23/2022 | ND              | 228 | 114        | 200           | 6.00 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/23/2022 | ND              | 225 | 112        | 200           | 6.95 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/23/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.1 % 43-149

Surrogate: 1-Chlorooctadecane 85.7 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



---

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

### Notes and Definitions

|     |  |
|-----|--|
| ND  | Analyte NOT DETECTED at or above the reporting limit   |
| RPD | Relative Percent Difference  |
| **  | Samples not received at proper temperature of 6°C or below.  |
| *** | Insufficient time to reach temperature.  |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1071

[illegible]

## **APPENDIX F**

### **Waste Manifests**



**MILESTONE**  
ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 06/30/22 Rig #:

Time Out: 3:54 PM

Time In: 3:26 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB (AOC 7249)

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M-76 Trailer #: 76T Manifest #: 1714449

Haul Ticket #: N/A

WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: 

Printed Name: MIKE B

Ticket # 14-037024





Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 07/05/22 Rig #:

Time Out: 11:19 AM

Time In: 11:03 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB AOC 7249

Transporter: MC NABB PARTNERS

Yard Location: HOBBS

Truck #: M02

Trailer #:

Manifest #: 1874174

Haul Ticket #: 02

WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 9YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: T.S.

Printed Name: TONY S



**MILESTONE**  
ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 07/05/22 RIG #:

Time In: 12:39 PM

Time Out: 1:00 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB AOC 7249

Transporter: MC NABB PARTNERS

Yard Location: HOBBS

Truck #: M02

Trailer #:

Manifest #: 1874175

Haul Ticket #: 03

WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 9YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: T.S.

Printed Name: TONY S



**MILESTONE**  
ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 07/05/22 Rig #:

Time In: 2:33 PM

Time Out: 2:44 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB AOC 7249

Transporter: MC NABB PARTNERS

Yard Location: HOBBS

Truck #: M02 Trailer #:

Manifest #: 1874176

Haul Ticket #: 04

WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 9YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: T.S.

Printed Name: TONY S

**MILESTONE**  
ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 07/06/22 Rig #:

Time In: 10:50 AM

Time Out: 11:15 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB 7249

Transporter: McNabb Services, Inc.

Yard Location: LEA

Truck #: M-80 Trailer #: 0 Manifest #: 1874177

Haul Ticket #: 05 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: \_\_\_\_\_

Printed Name: URIEL



Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 07/06/22 Rig #:

Time In: 2:45 PM

Time Out: 2:55 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB 7249

Transporter: McNabb Services, Inc.

Yard Location: LEA

Truck #: M 85 Trailer #: 0 Manifest #: 1874179

Haul Ticket #: 06 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: FAIL

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature:

Printed Name: daniel n

ENVIRONMENTAL SERVICES  
MILESTONE







**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 07/06/22 Rig #:

Time In: 12:47 PM

Time Out: 12:59 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB 7249

Transporter: McNabb Services, Inc.

Yard Location: LEA

Truck #: M-85 Trailer #: 0 Manifest #: 1874178

Haul Ticket #: 06 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: D-N

Printed Name: daniel n

Ticket # 14-037534



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/13/22 RIG #:**

**Time In: 9:58 AM**

**Time Out: 10:12 AM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M33 Trailer #: Manifest #: 1874180**

**Haul Ticket #: 27 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

**Printed Name: L L**

**Ticket # 14-038185**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/13/22 Rig #:**

**Time In: 12:10 PM Time Out: 12:26 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M33 Trailer #: Manifest #: 1874181**

**Haul Ticket #: 08 WHP #: 2362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:** \_\_\_\_\_

**Printed Name: LL**

**Ticket # 14-038196**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/13/22 RIG #:**

**Time In: 1:57 PM**

**Time Out: 2:03 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M02 Trailer #: Manifest #: 1874183**

**Haul Ticket #: 09 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 10YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

DR

**Printed Name: D R**





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/13/22 Rig #:**

**Time In: 1:55 PM**

**Time Out: 2:01 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M33 Trailer #: Manifest #: 1874182**

**Haul Ticket #: 10 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: FAIL**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:** \_\_\_\_\_

**Printed Name: LL**

**Ticket # 14-038203**





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/14/22 Rig #:**

**Time In: 10:03 AM**

**Time Out: 10:18 AM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M33 Trailer #: Manifest #: 1874184**

**Haul Ticket #: 11 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

( )

**Printed Name: LL**

**Ticket # 14-038265**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/14/22 Rig #:**

**Time In: 10:05 AM**

**Time Out: 10:22 AM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #:M76 Trailer #:M76 Manifest #:17814450**

**Haul Ticket #:12 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 18YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

*[Handwritten signature]*

**Printed Name: JOE J**

**Ticket # 14-028266**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/14/22 Rig #:**

**Time In: 12:25 PM**

**Time Out: 12:39 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M33 Trailer #: Manifest #: 1874185**

**Haul Ticket #: 13 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

**Printed Name: JOSH J**

**Ticket # 14-038276**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/14/22 Rig #:**

**Time In: 12:30 PM**

**Time Out: 12:45 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M76 Trailer #: 76 Manifest #: 1714451**

**Haul Ticket #: 14 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 18YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

**Printed Name: JOE J**

**Ticket # 14-038277**





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/14/22 Rig #:**

**Time In: 1:57 PM Time Out: 2:10 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M33 Trailer #: Manifest #: 1874186**

**Haul Ticket #: 15 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**                     JJ                    

**Printed Name: JOSH J**

**Ticket # 14-038285**





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/14/22 Rig #:**

**Time In: 2:22 PM**

**Time Out: 2:40 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M76 Trailer #: M76 Manifest #: 1714452**

**Haul Ticket #: 16 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 18YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:** 

**Printed Name: JOE J**

**Ticket # 14-038287**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/15/22 Rig #:**

**Time In: 10:17 AM**

**Time Out: 10:31 AM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB RELEASER 7249**

**Transporter: MCNABB PARTNERS**

**Yard Location: HOBBS**

**Truck #: M33 Trailer #: Manifest #: 1874187**

**Haul Ticket #: 17 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

*LL*

**Printed Name: LL**

**Ticket # 14-038343**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility**  
**Disposal Pit Permit P012729**  
**Drying Pit Permit P012736A**  
**Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date:** 07/15/22 **Rig #:**

**Time In:** 12:42 PM

**Time Out:** 12:55 PM

**Generator:** ConocoPhillips Inc.

**Fluid Source:** Non Drilling

**Lease:** WILD CTB RELEASER 7249

**Transporter:** MCNABB PARTNERS

**Yard Location:** HOBBS

**Truck #:** M76 **Trailer #:** M76 **Manifest #:** 1714454

**Haul Ticket #:** 0 **WHP #:** 7362

**Disposal Type:** Contaminated Soil (PASS)

**Volume:** 18YD

**Disposal Type:**

**Volume:** 0

**Paint Filter Test:** PASS

**NORM Reading:** 3

**Washout Initials:**

**No Washout Performed.**

**Signature:** 

**Printed Name:** JOSE PALLARES

**Ticket #** 14-038354



**MILESTONE**  
ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 07/15/22 Rig #:

Time In: 10:49 AM

Time Out: 11:09 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M76 Trailer #: M76 Manifest #: 1714453

Haul Ticket #: 18 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: \_\_\_\_\_

Printed Name: JOEJ





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/18/22 Rig #:**

**Time In: 10:11 AM Time Out: 10:43 AM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILD CTB 7249**

**Transporter: McNabb Services, Inc.**

**Yard Location: HOBBS**

**Truck #: M33 Trailer #: Manifest #: 1874188**

**Haul Ticket #: 20 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:** \_\_\_\_\_

**Printed Name: J J**

**Ticket # 14-038554**





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility**  
**Disposal Pit Permit P012729**  
**Drying Pit Permit P012736A**  
**Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date:** 07/18/22 **Rig #:**

**Time In:** 12:01 PM

**Time Out:** 12:09 PM

**Generator:** ConocoPhillips Inc.

**Fluid Source:** Non Drilling

**Lease:** WILD CTB 7249

**Transporter:** McNabb Services, Inc.

**Yard Location:** HOBBS

**Truck #:** M33 **Trailer #:** **Manifest #:** 1874189

**Haul Ticket #:** 21 **WHP #:** 7362

**Disposal Type:** Contaminated Soil (PASS)

**Volume:** 15YD

**Disposal Type:**

**Volume:** 0

**Paint Filter Test:** PASS

**NORM Reading:** 3

**Washout Initials:**

**No Washout Performed.**

**Signature:** 

**Printed Name:** JJ

**Ticket #** 14-038565



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date:** 07/21/22 **Rig #:**

**Time In:** 11:38 AM

**Time Out:** 11:46 AM

**Generator:** ConocoPhillips Inc.

**Fluid Source:** Non Drilling

**Lease:** WILDER C.T.B C.A.O 7429

**Transporter:** McNabb Services, Inc.

**Yard Location:** HOBBS

**Truck #:** 85 **Trailer #:** 85 **Manifest #:** 1774191

**Haul Ticket #:** 24 **WHP #:** 1874191

**Disposal Type:** Contaminated Soil (PASS)

**Volume:** 18YD

**Disposal Type:**

**Volume:** 0

**Paint Filter Test:** PASS

**NORM Reading:** 3

**Washout Initials:**

**No Washout Performed.**

**Signature:**

**Printed Name:** A

**Ticket #** 14-038766



**MILESTONE**  
ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

Date: 07/21/22 Rig #:

Time In: 1:22 PM

Time Out: 1:30 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER C.T.B C.A.O 7429

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #: 31 Trailer #: Manifest #: 1880774

Haul Ticket #: 25 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 16YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature:

Printed Name: A

LIMER

Ticket # 14-038774



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date:** 07/21/22 **Rig #:**

**Time In:** 1:25 PM

**Time Out:** 1:32 PM

**Generator:** ConocoPhillips Inc.

**Fluid Source:** Non Drilling

**Lease:** WILDER C.T.B C.A.O 7429

**Transporter:** McNabb Services, Inc.

**Yard Location:** HOBBS

**Truck #:** 85 **Trailer #:** **Manifest #:** 1874194

**Haul Ticket #:** 26 **WHP #:** 7362

**Disposal Type:** Contaminated Soil (PASS)

**Volume:** 18YD

**Disposal Type:**

**Volume:** 0

**Paint Filter Test:** PASS

**NORM Reading:** 3

**Washout Initials:**

**No Washout Performed.**

DD

**Signature:** \_\_\_\_\_

**Printed Name:** D D

Ticket # 14-038775





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date:** 07/21/22 **Rig #:**

**Time In:** 3:05 PM

**Time Out:** 3:16 PM

**Generator:** ConocoPhillips Inc.

**Fluid Source:** Non Drilling

**Lease:** WILDER C.T.B C.A.O 7429

**Transporter:** McNabb Services, Inc.

**Yard Location:** HOBBS

**Truck #:** 31 **Trailer #:** 31 **Manifest #:** 1880775

**Haul Ticket #:** 27 **WHP #:** 7362

**Disposal Type:** Contaminated Soil (PASS)

**Volume:** 16YD

**Disposal Type:**

**Volume:** 0

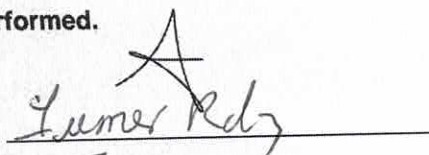
**Paint Filter Test:** PASS

**NORM Reading:** 3

**Washout Initials:**

**No Washout Performed.**

**Signature:**



**Printed Name:** A

LUMER

**Ticket #** 14-038787





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/21/22 Rig #:**

**Time In: 3:08 PM**

**Time Out: 3:17 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILDER C.T.B C.A.O 7429**

**Transporter: McNabb Services, Inc.**

**Yard Location: HOBBS**

**Truck #:85 Trailer #:85 Manifest #:1874195**

**Haul Ticket #:28 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 18YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

**Printed Name: A**

**Ticket # 14-038788**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/22/22 Rig #:**

**Time In: 10:31 AM Time Out: 10:52 AM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILDER C.T.B C.A.O 7429**

**Transporter: McNabb Services, Inc.**

**Yard Location: HOBBS**

**Truck #: M-33 Trailer #: Manifest #: 1880776**

**Haul Ticket #: 29 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

**Printed Name: A**

**Ticket # 14-038847**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/22/22 Rig #:**

**Time In: 12:52 PM Time Out: 1:01 PM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILDER C.T.B C.A.O 7429**

**Transporter: McNabb Services, Inc.**

**Yard Location: HOBBS**

**Truck #:33 Trailer #: Manifest #:1880777**

**Haul Ticket #:30 WHP #: 7362**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 15YD**

**Disposal Type:**

**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:**

**Printed Name: A**

**Ticket # 14-038853**



**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date: 07/25/22 Rig #:**

**Time In: 11:07 AM Time Out: 11:45 AM**

**Generator: ConocoPhillips Inc.**

**Fluid Source: Non Drilling**

**Lease: WILDER CTB**

**Transporter: McNabb Services, Inc.**

**Yard Location: HOBBS**

**Truck #: M75 Trailer #: M28T Manifest #: 1714455**

**Haul Ticket #: 31 WHP #:**

**Disposal Type: Contaminated Soil (PASS)**

**Volume: 18YD**

**Disposal Type:**

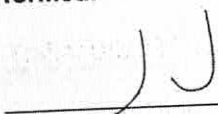
**Volume: 0**

**Paint Filter Test: PASS**

**NORM Reading: 3**

**Washout Initials:**

**No Washout Performed.**

**Signature:** 

**Printed Name: J J**

**Ticket # 11-039046**





**MILESTONE**  
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility  
Disposal Pit Permit P012729  
Drying Pit Permit P012736A  
Reeves County, Texas**

447 FM 652 East  
Orla, Texas 79770  
432-789-1242

Environmental Solutions Since 1980  
www.milestone-es.com

**Date:** 07/25/22 **Rig #:**

**Time In:** 1:37 PM **Time Out:** 1:55 PM

**Generator:** ConocoPhillips Inc.

**Fluid Source:** Non Drilling

**Lease:** WILDER CTB

**Transporter:** McNabb Services, Inc.

**Yard Location:** HOBBS

**Truck #:** M75 **Trailer #:** 75T **Manifest #:** 1714456

**Haul Ticket #:** 32 **WHP #:**

**Disposal Type:** Contaminated Soil (PASS)

**Volume:** 18YD

**Disposal Type:**

**Volume:** 0

**Paint Filter Test:** PASS

**NORM Reading:** 3

**Washout Initials:**

**No Washout Performed.**

**Signature:** 

**Printed Name:** J J

Ticket # 14-039054



**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 156907

**CONDITIONS**

|  |   |
|--|---|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817  |
|  | Action Number:<br>156907                                  |
|  | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition   | Condition Date |
|------------|---|----------------|
| jnobui     | Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A. | 12/2/2022      |