



August 25, 2023

District Supervisor  
Oil Conservation Division, District 2  
506 W. Texas Ave.  
Artesia, New Mexico 88210

**Re: Closure Report  
ConocoPhillips - Heritage COG Operating, LLC  
Roy Batty Federal Com #003H Flange Release  
Unit Letter O, Section 11, Township 24 South, Range 33 East  
Lea County, New Mexico  
Incident ID# NOY1811735138  
1RP-5029**

Dear Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COPC) to assess and evaluate a historical release that occurred from a line in the vicinity of the Roy Batty Federal Com #003H (API# 30-025-41333) lease pad. The approximate release site coordinates are 32.225991°, -103.541391°, located in the Public Land Survey System (PLSS) Unit Letter O, Section 11, Township 24 South, Range 33 East, Lea County, New Mexico (Site). The Site location is shown on Figures 1 and 2. The site is located on privately owned land.

## BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report (Appendix A), the release was discovered on April 21, 2018. The release occurred due to a leak on a corroded flange coupler. Approximately 60 barrels (bbls) of produced water were released, of which 50 bbls were reported recovered. The NMOCD received the initial C-141 on April 27, 2018, and subsequently assigned the release the Remediation Permit (RP) number 1RP-5029 and the Incident ID NOY1811735138.

The Roy Batty Federal Com #003H Flange Release (1RP-5029/ NOY1811735138) is included in an Agreed Compliance Order ("ACO") with the NMOCD, related to unresolved releases from COPC's predecessor-in-interest ("COG"). The ACO required COPC to submit characterization and/or remediation plans with proposed timeframes for the ongoing corrective actions or remediations identified to the NMOCD no later than March 31, 2022.

As of March 11, 2022, COPC has submitted characterization and remediation plans for all of the properties identified and owned. All documentation was submitted in accordance with ACO terms. These documents have been submitted to the NMOCD via CentreStack, a Secure Access & File Sharing platform, at the direction of Mr. Bradford Billings, NMOCD. The Delineation Workplan previously completed by BBC was included as a portion of the ACO.

## SITE ASSESSMENT AND BBC WORK PLAN

According to information provided by COPC, BBC International, Incorporated (BBC) was initially contracted to map the extent and sample the release footprint and the surrounding area. Based upon the mapped initial extent provided by BBC, the release footprint was approximately 6,050 square feet of lease pad, lease road and adjacent pastureland.

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On June 6 and 7, 2018, BBC installed ten (10) borings (SP1 through SP10) within the release footprint to a maximum depth of 9 feet bgs. Additionally, four (4) borings were completed (North, East, South, West) in the cardinal directions to establish horizontal delineation. A total of twenty-eight (28) samples were collected from the sample locations and transferred under chain of custody to Cardinal Laboratories (Cardinal). All soil samples were analyzed for chloride via Method SM4500Cl-B. Selected samples were analyzed for TPH via Method 8015 Modified and BTEX via Method 8021B.

Analytical results associated with SP6 through SP10 indicated chloride concentrations above reclamation requirements for surface soils outside of oil and gas production areas. There was one RRAL exceedance for chloride at SP6 (4'). All other sample results were below RRALs and reclamation requirements for surface soils outside of oil and gas production areas. BBC was able to confirm horizontal and vertical delineation with their assessment activities. Based on the results of the assessment activities, a Delineation Workplan was completed by BBC and submitted to NMOCD, on behalf of COG, via email in 2018. The same Workplan was resubmitted to NMOCD via email in January 2019.

As of November 21, 2022, the BBC Delineation Workplan had not been approved nor rejected by the NMOCD. Therefore, the workplan was resubmitted via the NMOCD Fee Application Portal. On December 2, 2022, the NMOCD rejected the BBC Delineation Workplan via email from Brittany Hall (Appendix B). The following reasoning for rejection was included in the email:

- *"The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater.*
- *1RP-5029 closed. Refer to incident #nOY1811735138 in all future communications.*
- *Base and sidewalls samples will need to be representative of no more than 200 square feet and analyzed for all constituents in Table I.*
- *Please submit a complete report through the OCD Permitting website by 3/3/2023."*

## SITE CHARACTERIZATION

Based on the OCD rejection, a supplementary site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, 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 within a New Mexico oil and gas production area.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within an 800-meter radius (approximately ½ mile) of the Site. There is one (1) water well within 1,600 meters (approximately 1 mile) of the Site with a depth to groundwater of 420 feet below ground surface (bgs). As the available water level information was from a well further than ½ mile away from the Site, COP reviewed adjacent incident release sites with approved reports for possibility of associated borings which could provide a means for determining depth to groundwater in the vicinity of NOY1811735138 release area. As such, subsurface data from the Tyrell Fee #1 Release (NRM2019952683) was reviewed.

On July 30, 2022, a licensed drilling subcontractor was contracted to drill a borehole (DTW) to 55 feet bgs as part of the characterization associated with the Tyrell Fee #1 Release (Incident NRM2019952683) which was granted closure by the NMOCD. The DTW boring is located in the northeastern corner of the existing Roy Batty Federal Com #003H lease pad. The borehole was dry upon completion, and soils were dry from surface to total depth. The depth to groundwater in the area was thus verified as greater than 55 feet bgs. The borehole was plugged with 3/8" bentonite chips. The borehole coordinates are 32.225714°, -103.540550°, and the boring location is indicated on Figure 3. The revised site characterization data, along with the boring log, is included in Appendix C.

## LAND OWNERSHIP

The Site is located on land owned by the Bureau of Land Management (BLM). Tetra Tech requested BLM clearance to remediate via email. The BLM cleared the Site for remediation activities via email, following a

desktop review conducted by Shelly Taylor of the BLM. The above-mentioned email correspondence is included in Appendix B.

## 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, the established depth to water, and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

| Constituent       | Site RRAL    |
|-------------------|--------------|
| Chloride          | 10,000 mg/kg |
| TPH (GRO+DRO+ORO) | 2,500 mg/kg  |
| TPH (GRO+DRO)     | 1,000 mg/kg  |
| BTEX              | 50 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 feet bgs) outside of active oil and gas operations are as follows:

| Constituent       | Reclamation Requirement |
|-------------------|-------------------------|
| Chloride          | 600 mg/kg               |
| TPH (GRO+DRO+ORO) | 100 mg/kg               |
| BTEX              | 50 mg/kg                |

## VISUAL SITE INSPECTION

On behalf of COPC, Tetra Tech personnel conducted a visual inspection of the Site on September 21, 2022 to assess current conditions and examine for evidence of the reported release. Photographic documentation from the visual inspection is included as Appendix D.

## REVISED REMEDIATION WORK PLAN

Based on the analytical results from the BBC assessment activities, a REVISED Release Characterization Work Plan (Work Plan, 2022) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on December 16, 2022, with fee application payment PO Number PODVU-221216-C-1410. The Work Plan described the results of the initial response activities, release assessment and provided characterization of the impact at the site. The Work Plan was approved via email by Brittany Hall of the NMOCD on Tuesday, December 19, 2022. NMOCD email correspondence associated with the approval is presented in Appendix B.

## REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From July 31 to August 3, 2023, Tetra Tech personnel were onsite to supervise the remedial activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on July 26, 2023, the NMOCD 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.

Impacted soils were excavated as indicated in Figure 4. The eastern, off-pad portion of the release footprint was excavated to 4 feet below surrounding grade. Due to safety concerns associated with working around pressurized lines, a small portion of the release footprint, along the Lucid Energy subsurface line, was excavated to 2 feet below surrounding grade. A 4'-foot buffer zone (with colonized vegetation) was established around a pressurized fiber spar line within the release footprint. A 10-foot diameter buffer zone was established around the electrical pole in the footprint. Heavy machinery remained outside this buffer zone to avoid any disturbance to its structural integrity. Based on the site characterization included in the approved Work Plan and analytical results from the June 2018 assessment activities, there were no

exceedances of Site RRALs and/or reclamation requirements within the on-pad portion of the release footprint. Furthermore, no visible evidence of impact was observed on the lease road or the lease pad during the September 2022 visual site inspection. Thus, remedial action was limited to the off-pad pasture areas. All excavated material was transported offsite for proper disposal. Approximately 263 cubic yards of material were transported to the R360 Halfway Facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix E.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. A total of eight (8) confirmation floor samples and twelve (12) confirmation sidewall samples were collected during 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 and depths and confirmation sample locations are indicated in Figure 4.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The analytical results were directly compared to the established Site RRALs and reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the June 2023 confirmation sampling events are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

## RECLAMATION ACTIVITIES

Once confirmation sampling activities were completed and associated analytical results were below the RRALs and/or reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations, the excavated area was backfilled with clean material to surface grade. As prescribed in the approved Work Plan, the off-pad area was seeded in August 2023 to aid in revegetation. Based on the location of the Site, the BLM seed mixture for LPC Sand/Shinnery Sites was used for seeding and planted in the amount specified in the pounds pure live seed per acre. Photographic documentation of the excavated areas prior to and immediately following placement of backfill and seeding are provided in Appendix D.

Site inspections will be performed to assess the revegetation progress and evaluate the Site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the Site does not show revegetation after one growing season the area will be reseeded as appropriate.

## CONCLUSION

ConocoPhillips respectfully requests closure of the release based on the confirmation sampling results and remediation and reclamation activities performed. 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) 560-9064 or Christian at (512) 338-2861.

Sincerely,  
**Tetra Tech, Inc.**



Nicholas M. Poole  
Project Lead

cc:  
Mr. Ike Tavarez, RMR – ConocoPhillips  
Ms. Shelly Taylor, BLM



Christian M. Llull, P.G.  
Program Manager



## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment
- Figure 4 – Remediation Extent and Confirmation Sampling

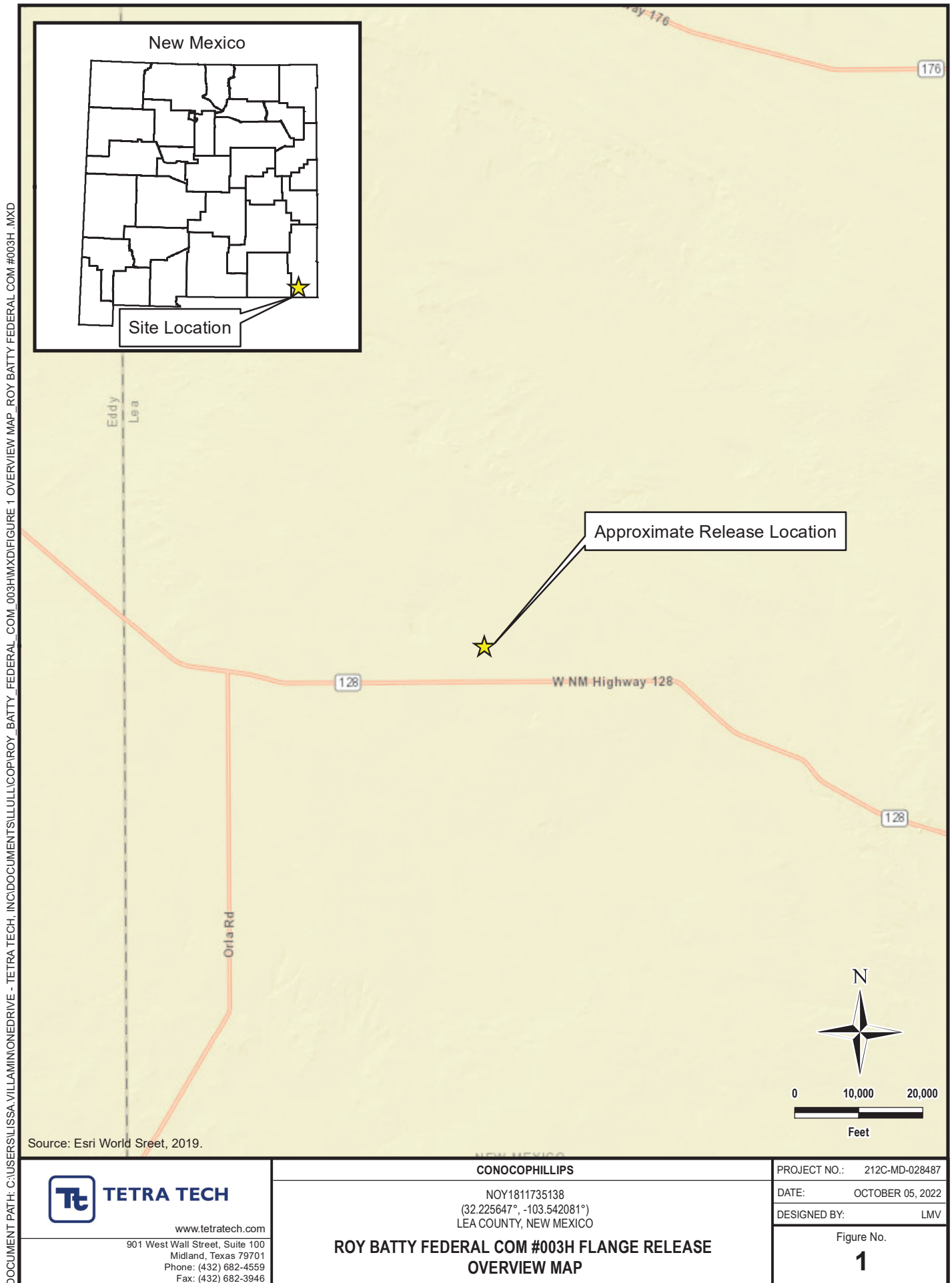
### Tables:

- Table 1 – Summary of Analytical Results – BBC Soil Assessment (2018)
- Table 2 – Summary of Analytical Results – Confirmation Sampling

### Appendices:

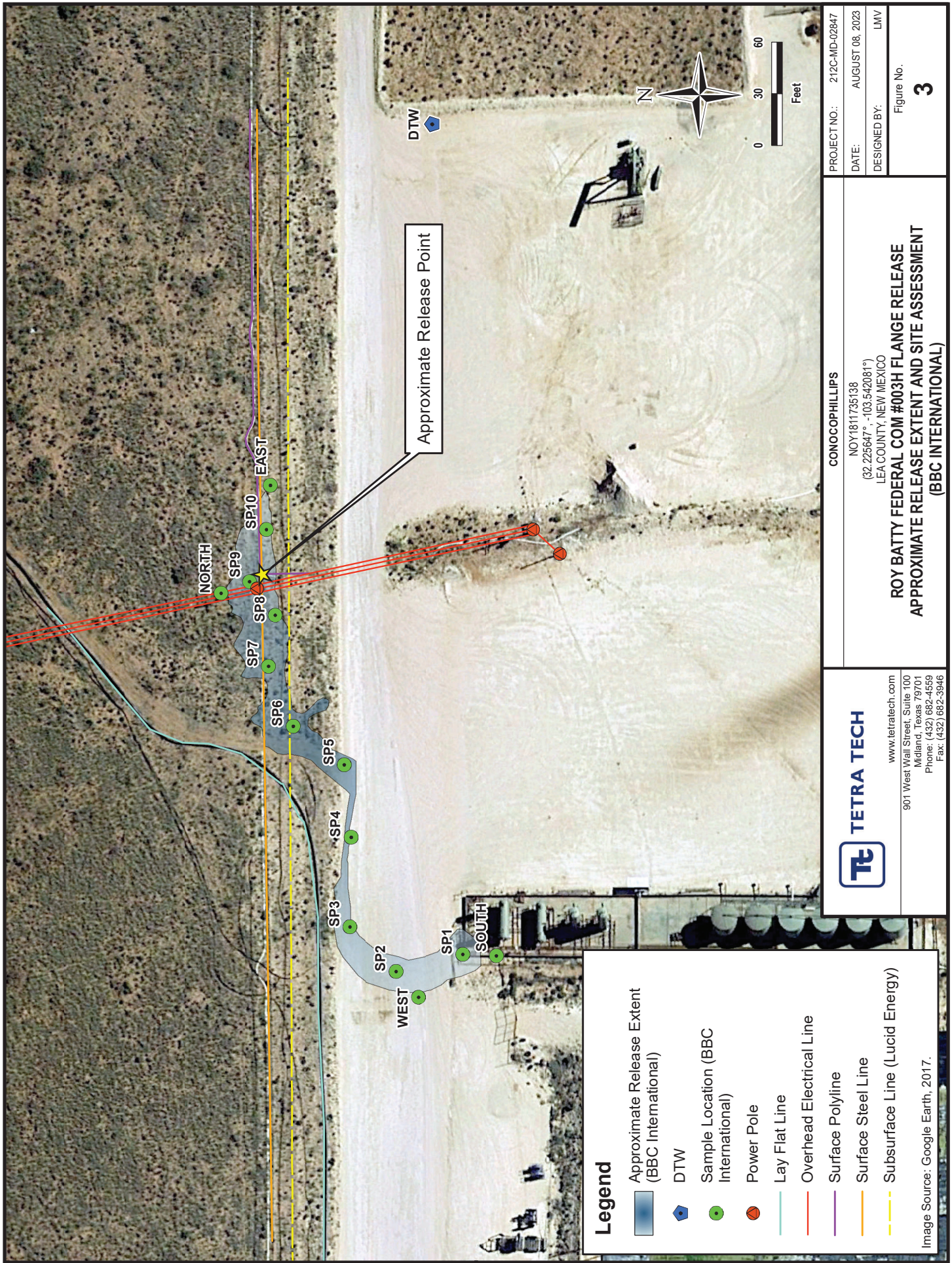
- Appendix A – C-141 Forms
- Appendix B – Regulatory Correspondence
- Appendix C – Site Characterization
- Appendix D – Photographic Documentation
- Appendix E – Waste Manifests
- Appendix F – Laboratory Analytical Data

## **FIGURES**

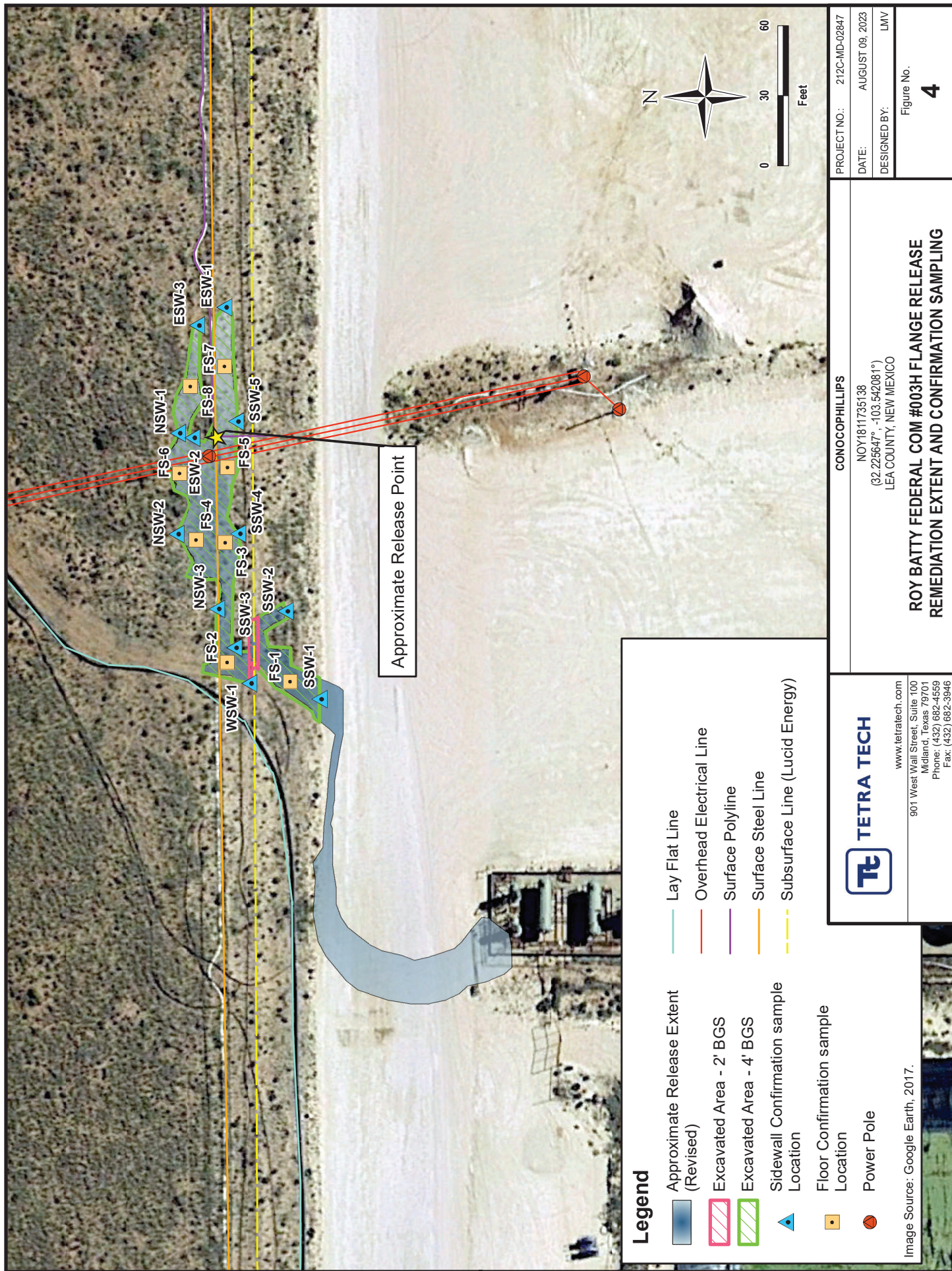












## **TABLES**

TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
2018 SOIL ASSESSMENT - nOY1811735138  
CONOCOPHILLIPS  
ROY BATTY FEDERAL COM #003H RELEASE  
LEA COUNTY, NM

| Sample ID | Sample Date | Sample Depth Interval | Chloride <sup>1</sup> |        | BTX <sup>2</sup> |         |              |               | TPH <sup>3</sup>       |        |        |         | Total TPH (GRO+DRO+EXT DRO) |
|-----------|-------------|-----------------------|-----------------------|--------|------------------|---------|--------------|---------------|------------------------|--------|--------|---------|-----------------------------|
|           |             |                       |                       |        | Benzene          | Toluene | Ethylbenzene | Total Xylenes | Total BTX <sup>2</sup> | GRO    | DRO    | EXT DRO |                             |
|           |             | ft. bgs               | mg/kg                 | Q      | mg/kg            | Q       | mg/kg        | Q             | mg/kg                  | mg/kg  | Q      | mg/kg   | mg/kg                       |
| SP1       | 6/6/2018    | 1                     | 48.0                  |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 6                     | 80.0                  |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP2       | 6/6/2018    | 1                     | 160                   |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 6                     | 112                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP3       | 6/6/2018    | 1                     | 32.0                  |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 6                     | 32.0                  |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP4       | 6/6/2018    | 1                     | 176                   |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 6                     | 224                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP5       | 6/6/2018    | 1                     | 624                   |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 2                     | 176                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
|           |             | 7                     | 256                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP6       | 6/6/2018    | 1                     | <b>5,600</b>          | QM4-07 | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 4                     | <b>20,400</b>         |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
|           |             | 6                     | 6,660                 |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
|           |             | 8                     | 1,660                 |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
|           |             | 9                     | 176                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP7       | 6/6/2018    | 1                     | <b>4,320</b>          |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           | 6/7/2018    | 4                     | <b>2,400</b>          |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP8       | 6/7/2018    | 1                     | <b>5,680</b>          |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 4                     | <b>1,720</b>          |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP9       | 6/7/2018    | 1                     | <b>7,200</b>          |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 3                     | <b>9,330</b>          |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| SP10      | 6/7/2018    | 1                     | <b>7,200</b>          |        | < 0.050          | < 0.050 | < 0.050      | < 0.150       | < 0.300                | < 10.0 | < 10.0 | < 10.0  | -                           |
|           |             | 4                     | <b>3,760</b>          |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| North     | 6/7/2018    | surface               | 192                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| South     | 6/7/2018    | surface               | 256                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| East      | 6/7/2018    | surface               | 400                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |
| West      | 6/7/2018    | surface               | 256                   |        | NA               | NA      | NA           | NA            | NA                     | NA     | NA     | NA      | -                           |

## NOTES:

ft. Feet

bgs Below ground surface

ppm Parts per million

mg/kg Milligrams per kilogram

NA Sample not analyzed

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500C1 B

2 Method 8021B

3 Method 8015M

## QUALIFIERS:

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

based on acceptable LCS recovery.

**Bold and italicized values indicate exceedance of proposed RRLs and Reclamation Requirements for surface soils outside of oil and gas production areas.**



TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
CONFIRMATION SAMPLING - (ROY1811735138)  
CONOCOPHILLIPS  
ROY BATTY FEDERAL COM #003H RELEASE  
LEA COUNTY, NM

| 19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (> 55 ft) |             |                       |                         |           |                |        |         |       |              | Chlorides <sup>1</sup> |               | BTEX <sup>2</sup> |            |       |        |        |                             | TPH <sup>3</sup> |       |       |      |       |   |
|---|-------------|-----------------------|-------------------------|-----------|----------------|--------|---------|-------|--------------|------------------------|---------------|-------------------|------------|-------|--------|--------|-----------------------------|------------------|-------|-------|------|-------|---|
| Sample ID   | Sample Date | Sample Depth Interval | Field Screening Results | Chlorides | < 10,000 mg/kg |        |         |       |              |                        | < 50 mg/kg    |                   |            |       |        |        | Total TPH (GRO-DRO-EXT DRO) |                  |       |       |      |       |   |
|   |             |                       |                         |           | Benzene        |        | Toluene |       | Ethylbenzene |                        | Total Xylenes |                   | Total BTEX |       |        |        |                             |                  |       |       |      |       |   |
|   |             |                       |                         |           | ft. bgs        | mg/kg  | Q       | mg/kg | Q            | mg/kg                  | Q             | mg/kg             | Q          | mg/kg | Q      | mg/kg  | Q                           | mg/kg            | Q     | mg/kg | Q    | mg/kg | Q |
| FS-1  | 8/1/2023    | 4                     | 1560                    | 1630      |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       |      |       |   |
| FS-2  | 8/1/2023    | 4                     | 1600                    | 960       |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| FS-3  | 8/1/2023    | 4                     | 1430                    | 896       |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| FS-4  | 8/1/2023    | 4                     | 690                     | 304       |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| FS-5  | 8/1/2023    | 4                     | 4130                    | 3400      |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| FS-6  | 8/1/2023    | 4                     | 3060                    | 2640      |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| FS-7  | 8/1/2023    | 4                     | 960                     | 688       |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| FS-8  | 8/1/2023    | 4                     | 1120                    | 640       |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| NSW-1   | 7/31/2023   | -                     | 72.1                    | 16.0      |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| NSW-2   | 7/31/2023   | -                     | 43.2                    | <16.0     |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| NSW-3   | 7/31/2023   | -                     | 63.5                    | <16.0     |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| ESW-1   | 7/31/2023   | -                     | 49.7                    | 16.0      |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| ESW- 2  | 7/31/2023   | -                     | 65.5                    | <16.0     |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | 51.5             | 31.0  |       | 82.5 |       |   |
| ESW-3   | 7/31/2023   | -                     | 41.7                    | <16.0     |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| SSW-1   | 7/31/2023   | -                     | 72.3                    | 16.0      |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| SSW-2   | 7/31/2023   | -                     | 62.5                    | 32.0      |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| SSW-3   | 7/31/2023   | -                     | 69.1                    | <16.0     |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| SSW-4   | 7/31/2023   | -                     | 91.8                    | <16.0     |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| SSW-5   | 7/31/2023   | -                     | 54.7                    | <16.0     |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <10.0            | <10.0 |       | -    |       |   |
| WSW-1   | 7/31/2023   | -                     | 51.9                    | 16.0      |                | <0.050 | <0.050  |       | <0.050       | <0.050                 |               | <0.050            | <0.050     |       | <0.150 | <0.300 |                             | <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 SM4500C1-B
- 2 Method 8021B
- 3 Method 8015M

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

Form C-141  
Revised April 3, 2017  
Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

## Release Notification and Corrective Action

### OPERATOR

☒ Initial Report ☐ Final Report

|  |                            |
|--|----------------------------|
| Name of Company: COG Operating, LLC (OGRID #229137)  | Contact: Robert McNeill    |
| Address: 600 West Illinois Avenue, Midland, TX 79701 | Telephone No. 432-683-7443 |
| Facility Name: Roy Batty Federal Com #003H           | Facility Type: Flowline    |

|                        |                        |                      |
|------------------------|------------------------|----------------------|
| Surface Owner: Private | Mineral Owner: Federal | API No. 30-025-41333 |
|------------------------|------------------------|----------------------|

### LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| O           | 11      | 24S      | 33E   |               |                  |               |                | Lea    |

Latitude 32.2259 Longitude -103.5410 NAD83

### NATURE OF RELEASE

|  |  |   |
|--|--|---|
| Type of Release<br>Produced Water  | Volume of Release<br>60 bbl.                               | Volume Recovered<br>50 bbl.                         |
| Source of Release<br>Flowline Leak   | Date and Hour of Occurrence<br>April 21, 2018 9:00am       | Date and Hour of Discovery<br>April 21, 2018 9:00am |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>Olivia Yu – NMOCD Shelley Tucker - BLM |   |
| By Whom? Sheldon Hitchcock   | Date and Hour April 21, 2018 12:51pm                       |   |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse.                  |   |

If a Watercourse was Impacted, Describe Fully.\*

**RECEIVED**

**By Olivia Yu at 9:36 am, Apr 27, 2018**

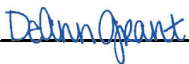

Describe Cause of Problem and Remedial Action Taken.\*

The release was due to the flange coupler on the Flex FP150 line corroding causing it to leak. Flange coupler is being replaced.

Describe Area Affected and Cleanup Action Taken.\*

The release was within a pasture. A vacuum truck was dispatched to remove all freestanding fluids. Concho will have the spill area sampled to delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant 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 NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

|  |                     |   |  |
|--|---------------------|---|--|
| Signature:  |                     | OIL CONSERVATION DIVISION   |  |
| Printed Name: DeAnn Grant  |                     | Approved by Environmental Specialist:  |  |
| Title: HSE Administrative Assistant  |                     | Approval Date: 4/27/2018  | Expiration Date:                             |
| E-mail Address: agrant@concho.com  |                     | Conditions of Approval:   | Attached <input checked="" type="checkbox"/> |
| Date: April 25, 2018   | Phone: 432-253-4513 | see attached directive  |  |

\* Attach Additional Sheets If Necessary

1RP-5029

nOY1811735138

pOY1811735454

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 4/25/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 1RP-5029 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

*The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]*

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 1 office in Hobbs on or before 5/27/2018. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

**Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.**

**Jim Griswold**

OCD Environmental Bureau Chief  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
505-476-3465  
jim.griswold@state.nm.us

**From:** Sheldon Hitchcock  
**To:** [Yu, Olivia, EMNRD; stucker@blm.gov](#)  
**Cc:** [Robert McNeill](#); [Rebecca Haskell](#); [Dakota Neel](#); [Christopher Gray](#); [DeAnn Grant](#)  
**Subject:** (Notification) Roy Batty Federal Com #003H  
**Date:** Saturday, April 21, 2018 12:51:06 PM

---

Ms. Yu/Ms. Tucker,

COG Operating LLC (OGRID# 239137) is reporting a release from a flowline adjacent to the Roy Batty Federal #003.

Release Location:

ULSTR: O-11-24S-33E

Lat/Long: 32.2254181,-103.5406799

Release Volume: >25bbbls

Recovery Volume: Ongoing

COG will have the release evaluated and will submit an Initial C-141. If you have any questions or concerns please do not hesitate to contact me.

Thank you,

Sheldon Hitchcock  
HSE Coordinator

Sent from my iPhone

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.

|                |               |
|----------------|---------------|
| Incident ID    | NOY1811735138 |
| District RP    | 1RP-5029      |
| 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?   | >55 (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

|                |               |
|----------------|---------------|
| Incident ID    | NOY1811735138 |
| District RP    | 1RP-5029      |
| 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: Ike Tavaréz Title: Program Manager, Remediation

Signature:  Date: 12/14/22

email: ike.tavaréz@conocophillips.com Telephone: 432-685-2573

**OCD Only**

Received by: Jocelyn Harimon Date: 12/16/2022

|                |               |
|----------------|---------------|
| Incident ID    | NOY1811735138 |
| District RP    | 1RP-5029      |
| Facility ID    |               |
| Application ID |               |

## Remediation Plan


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

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

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

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

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

Printed Name: Ike Tavaréz Title: Program Manager, Remediation  
Signature:  Date: 12/14/22  
email: ike.tavaréz@conocophillips.com Telephone: 432-685-2573

**OCD Only**

Received by: Jocelyn Harimon Date: 12/16/2022

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

Signature:  Date: 12/19/2022

|                |               |
|----------------|---------------|
| Incident ID    | NOY1811735138 |
| District RP    | 1RP-5029      |
| 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: Ike Tavaréz Title: Program Manager, Remediation  
Signature:  Date: 8/25/23  
email: ike.tavaréz@conocophillips.com Telephone: 432-685-2573

### 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: 8/28/2023  
Printed Name: Brittany Hall Title: Environmental Specialist

## **APPENDIX B**

### **Regulatory Correspondence**

**Dickerson, Ryan**

---

**From:** Llull, Christian  
**Sent:** Thursday, December 8, 2022 3:18 PM  
**To:** Dickerson, Ryan  
**Subject:** Fwd: The Oil Conservation Division (OCD) has rejected the application, Application ID: 160531

**⚠ 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 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#) nOY1811735138, for the following reasons:

- **The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater.**
- **1RP-5029 closed. Refer to incident #nOY1811735138 in all future communications.**
- **Base and sidewalls samples will need to be representative of no more than 200 square feet and analyzed for all constituents in Table I.**
- **Please submit a complete report through the OCD Permitting website by 3/3/2023.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 160531.

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,  
Brittany Hall  
Projects Environmental Specialist - A  
505-517-5333  
Brittany.Hall@emnrd.nm.gov



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



## Poole, Nicholas

---

**From:** OCDOnline@state.nm.us  
**Sent:** Monday, December 19, 2022 9:24 AM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 167824

 **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 COG OPERATING LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nOY1811735138, with the following conditions:

- **None**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,  
Brittany Hall  
Projects Environmental Specialist - A  
505-517-5333  
Brittany.Hall@emnrd.nm.gov

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

**Poole, Nicholas**

---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Wednesday, July 26, 2023 12:49 PM  
**To:** Poole, Nicholas  
**Cc:** Bratcher, Michael, EMNRD; Hall, Brittany, EMNRD  
**Subject:** FW: [EXTERNAL] Incident ID: nOY1811735138,- Confirmation Sampling

You don't often get email from shelly.wells@emnrd.nm.gov. [Learn why this is important](#)

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

Hi Nicholas,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

**Shelly Wells** \* Environmental Specialist-Advanced  
Administrative Permitting Program  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>  
**Sent:** Wednesday, July 26, 2023 10:25 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>  
**Subject:** [EXTERNAL] Incident ID: nOY1811735138,- Confirmation Sampling

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

Incident ID (n#) **nOY1811735138** (Roy Batty Federal Com #003H)

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 of the release will begin Monday, July 31, 2023.

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 **Tuesday, August 1, 2023.**

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

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

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

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**Poole, Nicholas**

---

**From:** Taylor, Shelly J <sjtaylor@blm.gov>  
**Sent:** Thursday, August 3, 2023 3:31 PM  
**To:** Llull, Christian  
**Cc:** Poole, Nicholas  
**Subject:** Re: [EXTERNAL] Request for Approval - Remediation (Roy Batty Federal Com #003H Flange)

You don't often get email from sjtaylor@blm.gov. [Learn why this is important](#)

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

You are cleared to proceed.

Sincerely,

*Shelly J Taylor*

Environmental Protection Specialist  
Realty - Compliance

Bureau of Land Management/Carlsbad Field Office  
620 E. Greene St  
Carlsbad, NM 88220  
Direct 575.234.5706  
Mobile 575.499.6831  
[sjtaylor@blm.gov](mailto:sjtaylor@blm.gov)

Spill/Release email: **BLM\_NM\_CFO\_REALTY\_SPILL@BLM.GOV**

**PLEASE NOTE: I have a new email address: [sjtaylor@blm.gov](mailto:sjtaylor@blm.gov)**



---

**From:** Llull, Christian <Christian.Llull@tetrattech.com>  
**Sent:** Thursday, August 3, 2023 9:43 AM  
**To:** Taylor, Shelly J <sjtaylor@blm.gov>  
**Cc:** Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>  
**Subject:** [EXTERNAL] Request for Approval - Remediation (Roy Batty Federal Com #003H Flange)

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Shelly,

The **Roy Batty Federal Com #003H Flange Release** is just off pad on BLM land.

Numerous pipelines within the footprint and electric overhead.

See attached kmz.

Site in Lea County, NM.

**Roy Batty Federal Com #003H Flange Release**

**Lea County, NM**

**INCIDENT ID nOY1811735138**

**Approximate Release Point 32.225991°, -103.541391°**

**Off-pad in Pasture Flowline**

**BLM Land**

Are we cleared to proceed?

**Christian Llull, P.G.** | Program Manager

Direct +1 (512) 338-2861 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | [christian.llull@tetrattech.com](mailto:christian.llull@tetrattech.com)

**Tetra Tech** | *Leading with Science®* | OGA

8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | [tetrattech.com](http://tetrattech.com)

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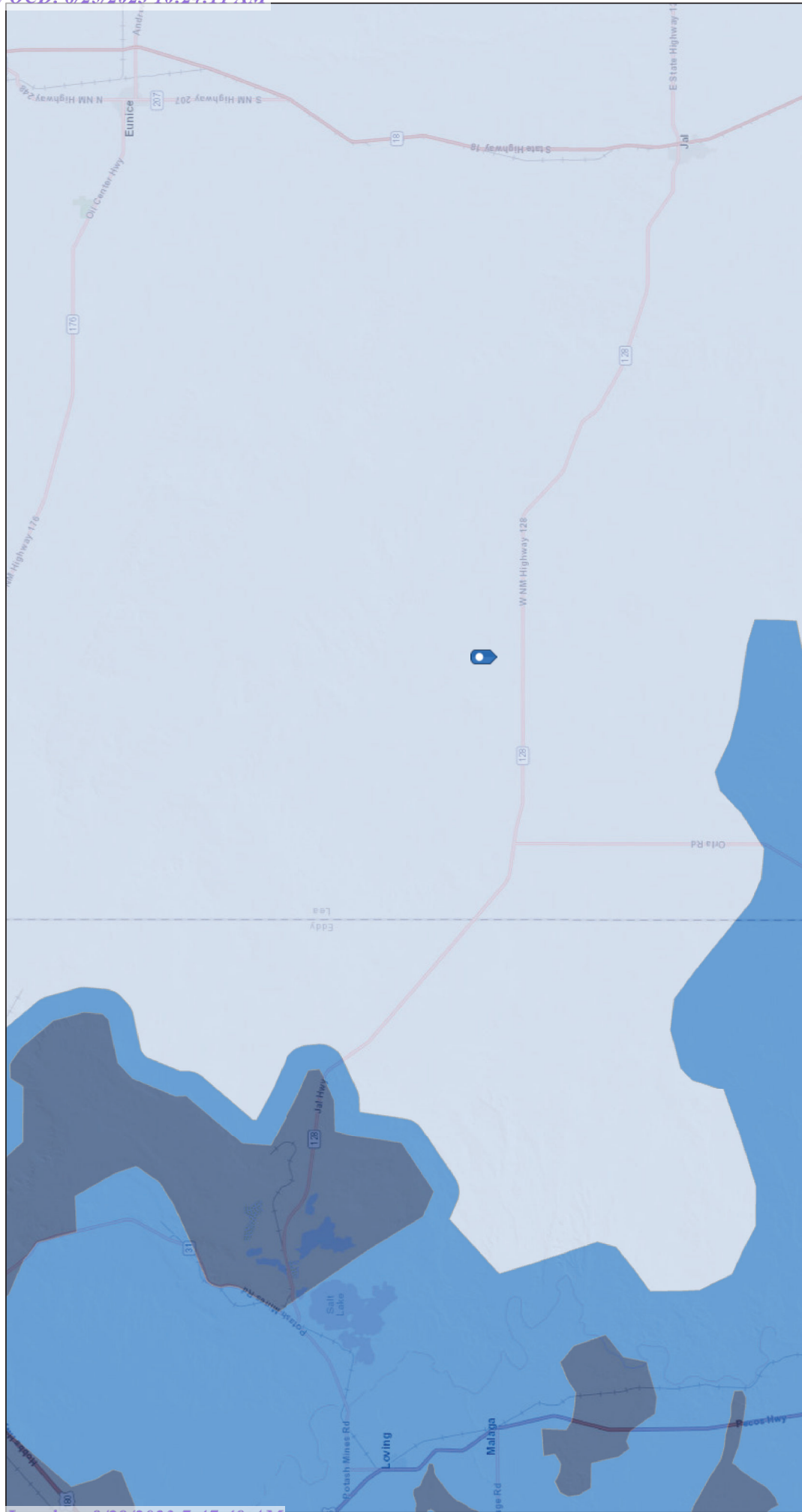
Please consider the environment before printing. [Read more](#)



## **APPENDIX C**

### **Site Characterization Data**

# OCD Karst Potential Map



9/20/2022, 9:22:58 AM

Karst Occurrence Potential

High

Medium

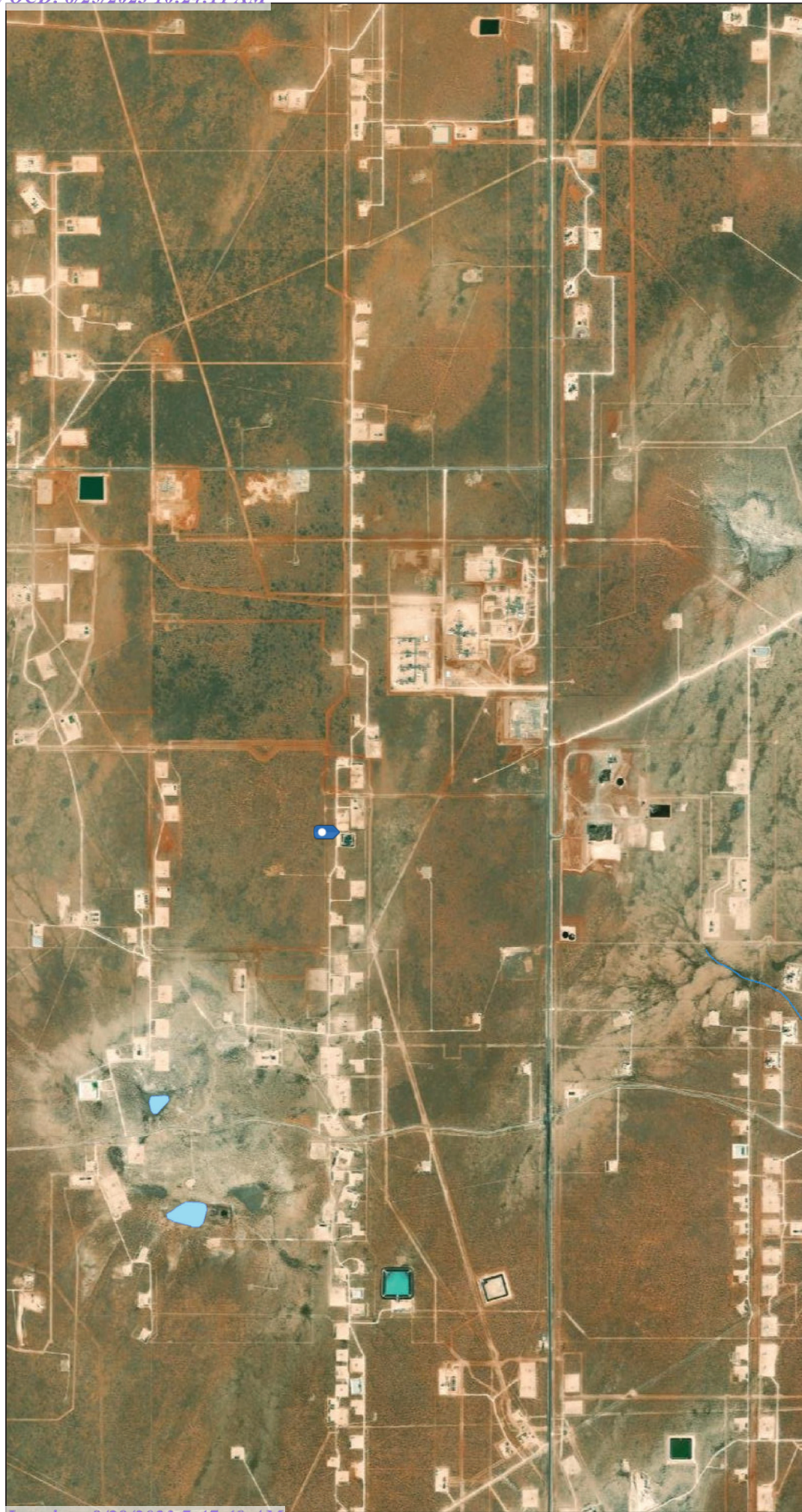
Low

BLM, OCD, New Mexico Tech, Bureau of Land Management, Esri, HERE, Garmin, NGA, USGS, NPS

New Mexico Oil and Gas Map. <http://nm-emmd.maps.arcgis.com/apps/webappviewer/index.html?id=4d0772306164de29fd2b9835ca75>; New Mexico Oil Conservation Division



# OCD Waterbodies Map



9/20/2022, 9:21:57 AM

OSW Water Body

OSE Streams

1:36,112

0 0.38 0.75 1 1.5 mi  
0 0.5 1 2 km

Esri, HERE, Garmin, Maxar, NM OSE

|   |  |                   |  |                            |  |                         |                |                          |  |
|---|--|-------------------|--|----------------------------|--|-------------------------|----------------|--------------------------|--|
| 212C-MD-02847   |  | <b>TETRA TECH</b> |  | <b>LOG OF BORING DTW</b>   |  |                         | Page<br>1 of 1 |                          |  |
| Project Name: Roy Batty Federal Com #003H Flange Release    |  |                   |  |                            |  |                         |                |                          |  |
| Borehole Location GPS Coordinates: 32.225714°, -103.540550° |  |                   |  | Surface Elevation: 3612 ft |  |                         |                |                          |  |
| Borehole Number: DTW  |  |                   |  | Borehole Diameter (in.): 8 |  | Date Started: 7/30/2022 |                | Date Finished: 7/30/2022 |  |

| DEPTH (ft) | OPERATION TYPE | SAMPLE | CHLORIDE FIELD SCREENING (ppm) | VOC FIELD SCREENING (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS |   | DEPTH (ft) | REMARKS |  |
|------------|----------------|--------|--------------------------------|---------------------------|---------------------|----------------------|-------------------|--------------|------------------|-------------------|-------------|--------------------------|---|------------|---------|--|
|            |                |        |                                |                           |                     |                      |                   |              |                  |                   |             | While Drilling           | Upon Completion of Drilling   |            |         |  |
|            |                |        |                                |                           |                     |                      |                   |              |                  |                   |             | Remarks:                 |   |            |         |  |
|            |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          | While Drilling <u>▽</u> DRY ft    Upon Completion of Drilling <u>▽</u> DRY ft |            |         |  |
|            |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 5          |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 10         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 15         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 20         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 25         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 30         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 35         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 40         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 45         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 50         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |
| 55         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |                          |   |            |         |  |

Bottom of borehole at 55.0 feet.

|  |  |   |  |  |
|--|--|---|--|--|
| <b>Sampler Types:</b><br>Split Spoon<br>Shelby<br>Bulk Sample<br>Grab Sample | Acetate Liner<br>Vane Shear<br>Discrete Sample<br>Test Pit | <b>Operation Types:</b><br>Mud Rotary<br>Continuous Flight Auger<br>Wash Rotary | Hand Auger<br>Air Rotary<br>Direct Push<br>Core Barrel | <b>Notes:</b><br>Surface elevation is an estimated value based on Google Earth data. |
|--|--|---|--|--|

|         |                                |                               |
|---------|--------------------------------|-------------------------------|
| Logger: | Drilling Equipment: Air Rotary | Driller: Scarborough Drilling |
|---------|--------------------------------|-------------------------------|



# 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 03917 POD1</a> | C            | LE    |        | 4    | 1    | 3   | 13  | 24S | 33E | 638374 | 3565212 | 1535     | 600        | 420         | 180          |
| <a href="#">C 03662 POD1</a> | C            | LE    |        | 3    | 1    | 2   | 23  | 24S | 33E | 637342 | 3564428 | 1951     | 550        | 110         | 440          |
| <a href="#">C 04339 POD6</a> | CUB          | LE    |        | 3    | 1    | 2   | 23  | 24S | 33E | 637340 | 3564386 | 1992     | 60         |             |              |

Average Depth to Water: **265 feet**

Minimum Depth: **110 feet**

Maximum Depth: **420 feet**

**Record Count: 3**

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

**Easting (X):** 637376.36

**Northing (Y):** 3566379.56

**Radius:** 2000

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.

9/20/22 8:37 AM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

## **APPENDIX D**

# **Photographic Documentation**





|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | Site signage and location information; Roy Batty Federal Com CTB. | 1         |
|  | SITE NAME   | ConocoPhillips Roy Batty Fed Com #003H                            | 9/21/2022 |



|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View south-southwest. Separators at the southern extent of the reported release footprint. | 2         |
|  | SITE NAME   | ConocoPhillips Roy Batty Fed Com #003H   | 9/21/2022 |



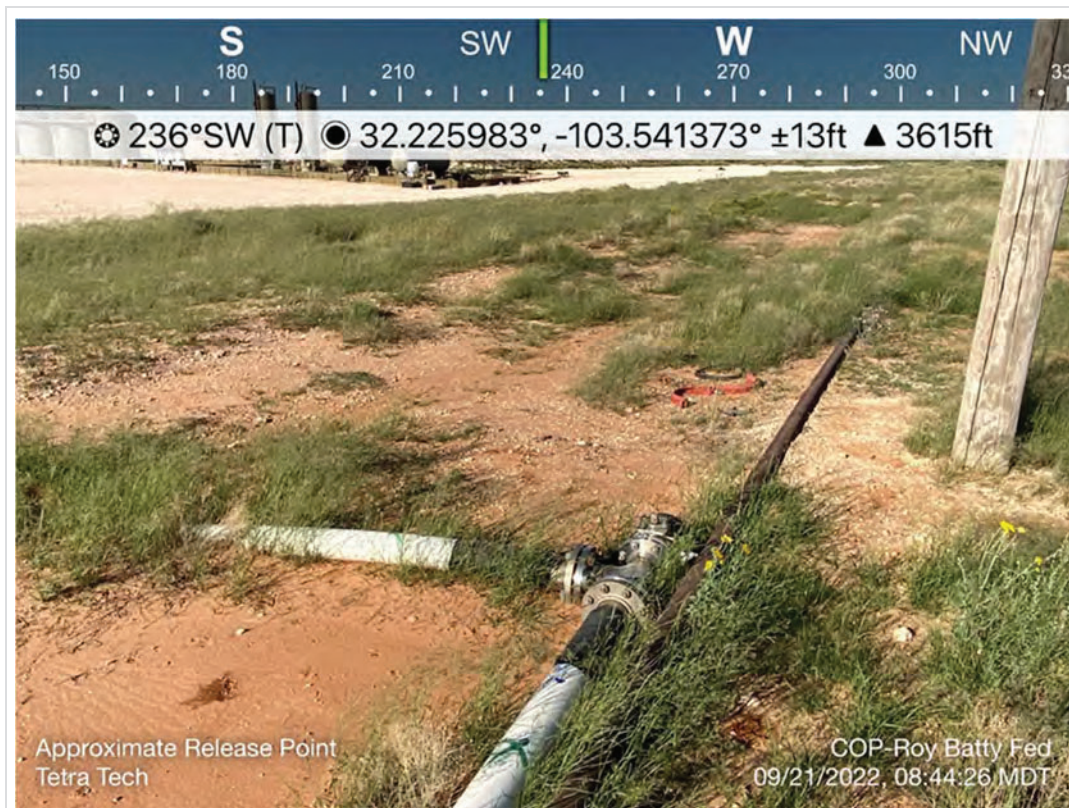


|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View southeast. View from the lease road towards the lease pad. | 3         |
|  | SITE NAME   | ConocoPhillips Roy Batty Fed Com #003H                          | 9/21/2022 |



|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View west. View from lease road, looking towards the west. Assumed flow path, no visible evidence of impact. | 4         |
|  | SITE NAME   | ConocoPhillips Roy Batty Fed Com #003H   | 9/21/2022 |





|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View southwest. Approximate release point in the pasture north of the pad, sparse vegetation present. | 5         |
|  | SITE NAME   | ConocoPhillips Roy Batty Fed Com #003H  | 9/21/2022 |



|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View southwest. Sparse vegetation east of the approximate release point. | 6         |
|  | SITE NAME   | ConocoPhillips Roy Batty Fed Com #003H                                   | 9/21/2022 |



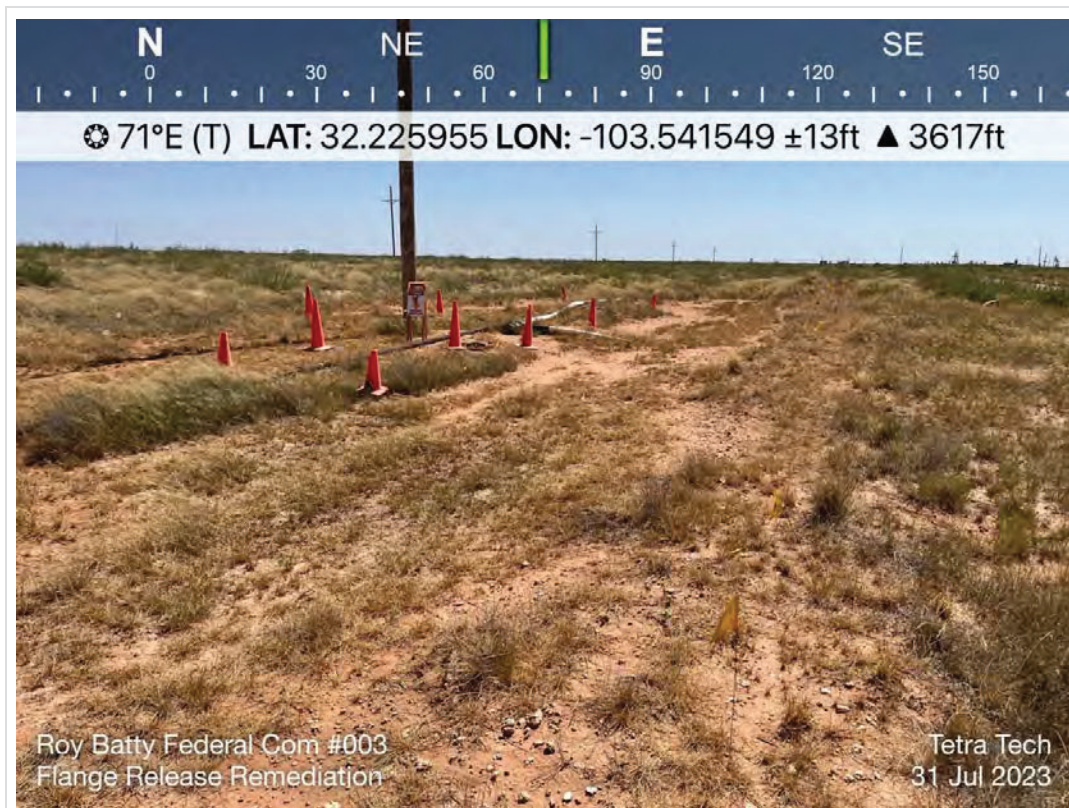


|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View southwest. No visible evidence of impact. | 7         |
|  | SITE NAME   | ConocoPhillips Roy Batty Fed Com #003H         | 9/21/2022 |



|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View west. Proposed remediation area prior to beginning excavations. The area along surface lines was noted as being vegetated. | 8         |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release  | 7/31/2023 |





|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View east-northeast. Proposed remediation area prior to beginning excavations. The area along surface lines was noted as being vegetated. | 9         |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release  | 7/31/2023 |



|  |             |  |          |
|--|-------------|--|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View west. Eastern portion of the 4-foot excavated area. | 10       |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release               | 8/3/2023 |





|  |             |  |          |
|--|-------------|--|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View east. Central portion of the 4-foot excavated area.<br>Power pole exclusion zone. | 11       |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release   | 8/3/2023 |

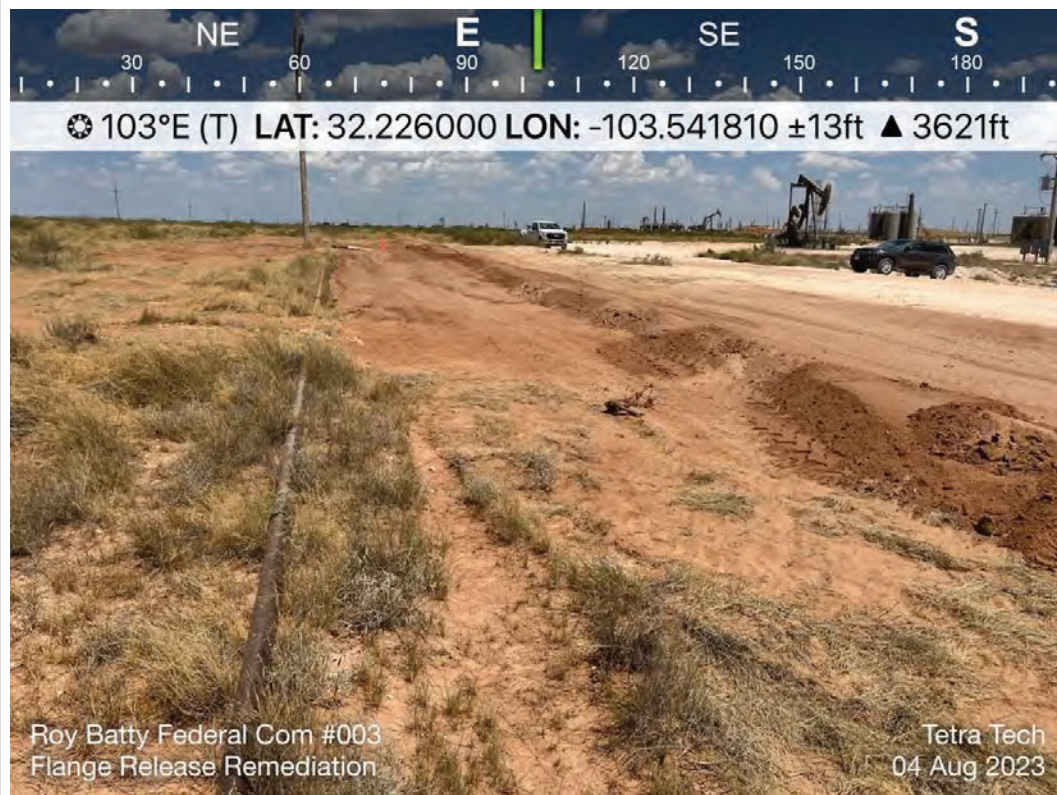


|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View west-southwest. Southwestern portion of the 4-foot excavated area. | 12       |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release                              | 8/3/2023 |





|  |             |  |          |
|--|-------------|--|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View northeast. Southwestern portion of the 4-foot excavated area. | 13       |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release                         | 8/3/2023 |



|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View east. Backfilled and seeded excavation area. | 14       |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release        | 8/4/2023 |





|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View west. Backfilled and seeded excavation area. | 15       |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release        | 8/4/2023 |



|  |             |  |          |
|--|-------------|--|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02847 | DESCRIPTION | View south. Backfilled and seeded excavation area. | 16       |
|  | SITE NAME   | Roy Batty Federal Com #003H Flange Release         | 8/4/2023 |

## **APPENDIX E**

### **Waste Manifests**





Customer Copy

## WEIGHT TICKET

Ticket # 185735

Start: 08/02/2023 09:41 AM

End: 08/02/2023 09:47 AM

By: cwl.adan

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
| 18 14             | 00   | 18  | \$0.01 | \$0.18 |

Hauler: McNabb Partners

Driver: Michael Quiñones

Lease: Ray Batt State

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Ray Garza

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: Dwyd

UDM Count: 18

RF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | C0 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | C0 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | C0 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | C0 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |        |        |
|----|--|--------|--------|
| 22 |  | \$0.01 | \$0.18 |
|----|--|--------|--------|

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 185754

Start: 08/02/2023 10:38 AM

End: 08/02/2023 10:44 AM

By: owl.amy

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
|                   | CO   | 14  | \$0.01 | \$0.14 |

Hauler: B. Partners

Driver: Michael Quinones

Lease: Andrew Garcia

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 02

Client Company Man: Andrew Garcia

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

Company approved lease and well. no API

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

18

\$0.01

\$0.14

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



Customer Copy

## WEIGHT TICKET

Ticket # 185766

Start: 08/02/2023 11:29 AM

End: 08/02/2023 11:46 AM

By: cwl.adan

| GROSS | TARE | NET | PRICE | AMOUNT |
|-------|------|-----|-------|--------|
|-------|------|-----|-------|--------|

Contaminated Soil

|    |    |    |        |        |
|----|----|----|--------|--------|
| 14 | CO | 14 | \$0.01 | \$0.14 |
|----|----|----|--------|--------|

Hauler: McNabb Partners

Driver: Michael Cuinones

Lease: Roy Batty State

Well: OC3H

APE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Andrew Garcia

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck M37

UOM: CuYd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

Company man Approved lease and well with no API.

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 18 |  |  | \$0.01 | \$0.14 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 185776

Start: 08/02/2023 12:31 PM

End: 08/02/2023 12:35 PM

By: owl.amy

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
| 14                | 00   | 14  | \$0.01 | \$0.14 |

Hauler: McNabb Partners

Driver: Roy Batty State

Lease: COOH

Well: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 04

Client Company Man: Andrew Garcia

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 13 |  |  | \$0.01 | \$0.14 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 185791

Start: 08/02/2023 01:27 PM

End: 08/02/2023 01:33 PM

By: cwl,adan

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
| 14                | 00   | 14  | \$0.01 | \$0.14 |

Hauler: McNabb Partners

Driver: Michael Guinos

Lease: Roy Batty State

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Andrew Garcia

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

Company man approved lease and well without API

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 13 |  |  | \$0.01 | \$0.14 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## ---WEIGHT TICKET---

Ticket # 185809

Start: 08/02/2023 02:23 PM

End: 08/02/2023 02:28 PM

By: owl.amy

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
| 14                | 00   | 14  | \$0.01 | \$0.14 |

Hauler: McNabb Partners

Driver: Michael Guinones

Lease: Roy Batty

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 06

Client Company Man: Andrew Garcia

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

Company man approved with lease and well only.

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |        |        |
|----|--|--------|--------|
| 18 |  | \$0.01 | \$0.14 |
|----|--|--------|--------|

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 185824

Start: 08/02/2023 03:15 PM

End: 08/02/2023 03:28 PM

By: owl.amy

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
| 14                | 00   | 14  | \$0.01 | \$0.14 |

Hauler: McNabb Partners

Driver: Michael Guinones

Lease: Roy Batty State

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 07

Client Company Man: Andrew Garcia

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

Company man approved Lease and well without API

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NDRM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 18 |  |  | \$0.01 | \$0.14 |
|----|--|--|--------|--------|

SUE TOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## ---WEIGHT TICKET---

Ticket # 185832

Start: 08/02/2023 04:14 PM

End: 08/02/2023 04:22 PM

By: owl.adar

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
| 14                | 00   | 14  | \$0.01 | \$0.14 |

Hauler: McNabb Partners

Driver: Michael Guinones

Lease: Roy Batty State

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Andrew Garcia

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck M37

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

Company man approved lease and well with no API.

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 18 |  |  | \$0.01 | \$0.14 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 185950

Start: 08/03/2023 10:03 AM

End: 08/03/2023 10:05 AM

By: CWL.Ivan

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
| 19                | 00   | 19  | \$0.01 | \$0.19 |

Hauler: McNabb Partners  
 Driver: Victor Manzano  
 Lease: Roy Batty State  
 Well: OC3H  
 AFE #: N/A  
 County, State: LEA (NM)  
 API #: N/A  
 Client Company Man: Andrew Garcia  
 Rig Name & Number: N/A  
 Trucking Co Ticket #: N/A  
 Truck Type: Belly Dumps  
 UOM: Cuyd  
 UOM Count: 19  
 PF Test Result: Pass  
 H2S Test: Pass

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos:

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 23 |  |  | \$0.01 | \$0.19 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.19

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.20

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 185948

Start: 08/03/2023 09:58 AM

End: 08/03/2023 10:01 AM

By: OWL.Ivan

| GROSS                             | TARE | NET | PRICE  | AMOUNT |
|-----------------------------------|------|-----|--------|--------|
| Contaminated Soil                 |      |     |        |        |
| 14                                | CO   | 14  | \$0.01 | \$0.14 |
| Hauler: McNabb Partners           |      |     |        |        |
| Driver: Michael Cuñones           |      |     |        |        |
| Lease: Roy Batty State            |      |     |        |        |
| Well: OC3H                        |      |     |        |        |
| AFE #: N/A                        |      |     |        |        |
| County, State: LEA (NM)           |      |     |        |        |
| API #: N/A                        |      |     |        |        |
| Client Company Man: Andrew Garcia |      |     |        |        |
| Rig Name & Number: N/A            |      |     |        |        |
| Trucking Co Ticket #: N/A         |      |     |        |        |
| Truck Type: Dump Truck            |      |     |        |        |
| UOM: CuYd                         |      |     |        |        |
| UOM Count: 14                     |      |     |        |        |
| PF Test Result: Pass              |      |     |        |        |
| H2S Test: Pass                    |      |     |        |        |

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 18 |  |  | \$0.01 | \$0.14 |
|----|--|--|--------|--------|

GROSS TOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Produced by: Phillips Company

Oilfield Services

Data Services





Customer Copy

## -----WEIGHT TICKET-----

Ticket # 185968

Start:08/03/2023 11:00 AM

End:08/03/2023 11:11 AM

By:DWL.Ivan

| GROSS                             | TARE | NET | PRICE  | AMOUNT |
|-----------------------------------|------|-----|--------|--------|
| Contaminated Soil                 |      |     |        |        |
| 14                                | CO   | 14  | \$0.01 | \$0.14 |
| Hauler: McNabb Partners           |      |     |        |        |
| Driver: Michael Guinones          |      |     |        |        |
| Lease: Roy Batty State            |      |     |        |        |
| Well: 003H                        |      |     |        |        |
| AFE #: N/A                        |      |     |        |        |
| County, State: LEA (NM)           |      |     |        |        |
| API #: N/A                        |      |     |        |        |
| Client Company Man: Andrew Garcia |      |     |        |        |
| Rig Name & Number: N/A            |      |     |        |        |
| Trucking Co Ticket #: N/A         |      |     |        |        |
| Truck Type: Dump Truck            |      |     |        |        |
| DOM: Dwyd                         |      |     |        |        |
| DOM Count: 14                     |      |     |        |        |
| PF Test Result: Pass              |      |     |        |        |
| H2S Test: Pass                    |      |     |        |        |

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 18 |  |  | \$0.01 | \$0.14 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 186044

Start: 08/03/2023 03:02 PM

End: 08/03/2023 03:19 PM

By: OWL Ivan

| GROSS                             | TARE | NET | PRICE  | AMOUNT |
|-----------------------------------|------|-----|--------|--------|
| Contaminated Soil                 |      |     |        |        |
| 18                                | 00   | 18  | \$0.01 | \$0.18 |
| Hauler: McNabb Partners           |      |     |        |        |
| Driver: Victor Menzano            |      |     |        |        |
| Lease: Roy Batty State            |      |     |        |        |
| Well: OCOH                        |      |     |        |        |
| AFE #: N/A                        |      |     |        |        |
| County, State: LEA (NM)           |      |     |        |        |
| Manifest #: N/A                   |      |     |        |        |
| Client Company Man: Andrew Garcia |      |     |        |        |
| Rig Name & Number: N/A            |      |     |        |        |
| Trucking Co Ticket #: N/A         |      |     |        |        |
| Truck Type: Belly Dumps           |      |     |        |        |
| UOM: Cuyd                         |      |     |        |        |
| UOM Count: 18                     |      |     |        |        |
| PF Test Result: Pass              |      |     |        |        |
| H2S Test: Pass                    |      |     |        |        |

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 22 |  |  | \$0.01 | \$0.18 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 186023

Start: 08/03/2023 01:40 PM

End: 08/03/2023 01:46 PM

By: owl.gina

| GROSS                         | TARE | NET | PRICE  | AMOUNT |
|-------------------------------|------|-----|--------|--------|
| <b>Contaminated Soil</b>      |      |     |        |        |
| 18                            | 00   | 18  | \$0.01 | \$0.18 |
| Hauler: McNabb Partners       |      |     |        |        |
| Driver: Victor Menzano        |      |     |        |        |
| Lease: Roy Batty State        |      |     |        |        |
| Well: 003H                    |      |     |        |        |
| AFE #: N/A                    |      |     |        |        |
| County, State: LEA (NM)       |      |     |        |        |
| API #: N/A                    |      |     |        |        |
| Manifest #: 13                |      |     |        |        |
| Client Company Man: Ray garza |      |     |        |        |
| Rig Name & Number: N/A        |      |     |        |        |
| Trucking Co Ticket #: N/A     |      |     |        |        |
| Truck Type: Belly Dumps       |      |     |        |        |
| UOM: Cuyd                     |      |     |        |        |
| UOM Count: 18                 |      |     |        |        |
| PF Test Result: Pass          |      |     |        |        |
| H2S Test: Pass                |      |     |        |        |

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 22 |  |  | \$0.01 | \$0.18 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



## WEIGHT TICKET

Ticket # 186001

Start: 08/03/2023 12:33 PM

End: 08/03/2023 12:45 PM

By: OWL, Ivan

| GROSS             | TARE | NET | PRICE  | AMOUNT |
|-------------------|------|-----|--------|--------|
| Contaminated Soil |      |     |        |        |
| 18                | CO   | 18  | \$0.01 | \$0.18 |

Hauler: McNabb Partners  
Driver: Victor Manzano  
Lease: Roy Batty State  
Well: OC3H  
AFE #: N/A  
County, State: LEA (NM)  
API #: N/A  
Client Company Man: Andrew Garcia  
Rig Name & Number: N/A  
Trucking Co Ticket #: N/A  
Truck Type: Belly Dumps  
UOM: Cuyd  
UOM Count: 18  
PF Test Result: Pass  
H2S Test: Pass

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 22 |  |  | \$0.01 | \$0.18 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

powered by TrueCloudERP.com





Customer Copy

## WEIGHT TICKET

Ticket # 185976

Start: 08/03/2023 11:14 AM

End: 08/03/2023 11:25 AM

By: OWL.Ivan

| GROSS                             | TARE | NET | PRICE  | AMOUNT |
|-----------------------------------|------|-----|--------|--------|
| Contaminated Soil                 |      |     |        |        |
| 18                                | 00   | 18  | \$0.01 | \$0.18 |
| Hauler: McNabb Partners           |      |     |        |        |
| Driver: Victor Menzano            |      |     |        |        |
| Lease: Roy Batty State            |      |     |        |        |
| Well: 003H                        |      |     |        |        |
| AFE #: N/A                        |      |     |        |        |
| County, State: LEA (NM)           |      |     |        |        |
| Manifest #: N/A                   |      |     |        |        |
| Client Company Man: Andrew Garcia |      |     |        |        |
| Rig Name & Number: N/A            |      |     |        |        |
| Trucking Co Ticket #: N/A         |      |     |        |        |
| Truck Type: Belly Dumps           |      |     |        |        |
| UOM: CuYd                         |      |     |        |        |
| UOM Count: 18                     |      |     |        |        |
| PF Test Result: Pass              |      |     |        |        |
| H2S Test: Pass                    |      |     |        |        |

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | C0 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | C0 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | C0 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | C0 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 22 |  |  | \$0.01 | \$0.18 |
|----|--|--|--------|--------|

SUBTOTAL ---&gt; \$0.18

TAX ---&gt; \$0.01

ROUNDING ---&gt; \$0.00

TOTAL ---&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 186067

Start: 08/03/2023 04:19 PM

End: 08/03/2023 04:22 PM

By: GWL.Ivan

| GROSS                             | TARE | NET | PRICE  | AMOUNT |
|-----------------------------------|------|-----|--------|--------|
| Contaminated Soil                 |      |     |        |        |
| 18                                | 00   | 18  | \$0.01 | \$0.18 |
| Hauler: McNabb Partners           |      |     |        |        |
| Driver: Victor Manzano            |      |     |        |        |
| Lease: Roy Batty State            |      |     |        |        |
| Well: OC3H                        |      |     |        |        |
| AFE #: N/A                        |      |     |        |        |
| County, State: LEA (NM)           |      |     |        |        |
| API #: N/A                        |      |     |        |        |
| Client Company Man: Andrew Garcia |      |     |        |        |
| Rig Name & Number: N/A            |      |     |        |        |
| Trucking Co Ticket #: N/A         |      |     |        |        |
| Truck Type: Belly Dumps           |      |     |        |        |
| UOM: Cuyd                         |      |     |        |        |
| UOM Count: 18                     |      |     |        |        |
| FF Test Result: Pass              |      |     |        |        |
| H2S Test: Pass                    |      |     |        |        |

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | 00 | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 22 |  |  | \$0.01 | \$0.18 |
|----|--|--|--------|--------|

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



## WEIGHT TICKET

Ticket # 185999

Start: 08/03/2023 12:29 PM

End: 08/03/2023 12:44 PM

By: owl.gina

| GROSS   | TARE | NET | PRICE  | AMOUNT |
|---|------|-----|--------|--------|
| <b>Contaminated Soil</b>  |      |     |        |        |
| 14  | CO   | 14  | \$0.01 | \$0.14 |
| Hauler: McNabb Partners<br>Driver: Michael Guinanes<br>Lease: Roy Batty State<br>Well: OC3H<br>AFE #: N/A<br>County, State: LEA (NM)<br>API #: N/A<br>Manifest #: 17<br>Client Company Man: Ray Garza<br>Rig Name & Number: N/A<br>Trucking Co Ticket #: N/A<br>Truck Type: Belly Dumps<br>UOM: Cuyd<br>UOM Count: 14<br>PF Test Result: Pass<br>H2S Test: Pass |      |     |        |        |

## H2S Testing - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Paint Filter - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## NORM - PASS

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

## Additional Photos

|    |    |    |        |        |
|----|----|----|--------|--------|
| C1 | CO | 01 | \$0.00 | \$0.00 |
|----|----|----|--------|--------|

|    |  |  |        |        |
|----|--|--|--------|--------|
| 18 |  |  | \$0.01 | \$0.14 |
|----|--|--|--------|--------|

SUE TOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

powered by TrueCloudERP.com



## **APPENDIX F**

### **Laboratory Analytical Data**



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

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August 01, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: RAY BATTY FEDERAL COM #003H

Enclosed are the results of analyses for samples received by the laboratory on 07/31/23 16:30.

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:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: NSW - 1 (H234023-01)**

| 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           | 07/31/2023 | ND               | 2.02 | 101        | 2.00          | 0.846 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/31/2023 | ND               | 1.94 | 96.8       | 2.00          | 1.59  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/31/2023 | ND               | 1.99 | 99.6       | 2.00          | 1.93  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/31/2023 | ND               | 5.87 | 97.8       | 6.00          | 0.995 |           |  |
| Total BTX      | <0.300 | 0.300           | 07/31/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 07/31/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/31/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/31/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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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:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: NSW - 2 (H234023-02)**

| 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           | 07/31/2023 | ND               | 2.02 | 101        | 2.00          | 0.846 |           |  |
| Toluene*       | <0.050 | 0.050           | 07/31/2023 | ND               | 1.94 | 96.8       | 2.00          | 1.59  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 07/31/2023 | ND               | 1.99 | 99.6       | 2.00          | 1.93  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 07/31/2023 | ND               | 5.87 | 97.8       | 6.00          | 0.995 |           |  |
| Total BTEX     | <0.300 | 0.300           | 07/31/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 07/31/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/31/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/31/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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\*=Accredited Analyte

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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:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: NSW - 3 (H234023-03)**

| 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           | 08/01/2023 | ND               | 2.02 | 101        | 2.00          | 0.846 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND               | 1.94 | 96.8       | 2.00          | 1.59  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND               | 1.99 | 99.6       | 2.00          | 1.93  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND               | 5.87 | 97.8       | 6.00          | 0.995 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 07/31/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 07/31/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 07/31/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: ESW - 1 (H234023-04)**

| 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           | 08/01/2023 | ND               | 2.02 | 101        | 2.00          | 0.846 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND               | 1.94 | 96.8       | 2.00          | 1.59  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND               | 1.99 | 99.6       | 2.00          | 1.93  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND               | 5.87 | 97.8       | 6.00          | 0.995 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/01/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: ESW - 2 (H234023-05)**

| 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           | 08/01/2023 | ND               | 2.02 | 101        | 2.00          | 0.846 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND               | 1.94 | 96.8       | 2.00          | 1.59  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND               | 1.99 | 99.6       | 2.00          | 1.93  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND               | 5.87 | 97.8       | 6.00          | 0.995 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | 51.5   | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | 31.0   | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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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:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: ESW - 3 (H234023-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.18 | 109        | 2.00          | 2.57 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.08 | 104        | 2.00          | 4.14 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 1.99 | 99.4       | 2.00          | 3.46 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 5.99 | 99.8       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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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:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: SSW - 1 (H234023-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.18 | 109        | 2.00          | 2.57 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.08 | 104        | 2.00          | 4.14 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 1.99 | 99.4       | 2.00          | 3.46 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 5.99 | 99.8       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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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:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: SSW - 2 (H234023-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.18 | 109        | 2.00          | 2.57 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.08 | 104        | 2.00          | 4.14 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 1.99 | 99.4       | 2.00          | 3.46 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 5.99 | 99.8       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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**Analytical Results For:**

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

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: SSW - 3 (H234023-09)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.18 | 109        | 2.00          | 2.57 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.08 | 104        | 2.00          | 4.14 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 1.99 | 99.4       | 2.00          | 3.46 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 5.99 | 99.8       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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**Analytical Results For:**

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

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: SSW - 4 (H234023-10)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.18 | 109        | 2.00          | 2.57 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.08 | 104        | 2.00          | 4.14 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 1.99 | 99.4       | 2.00          | 3.46 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 5.99 | 99.8       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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**Analytical Results For:**

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

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: SSW - 5 (H234023-11)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.18 | 109        | 2.00          | 2.57 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.08 | 104        | 2.00          | 4.14 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 1.99 | 99.4       | 2.00          | 3.46 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 5.99 | 99.8       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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**Analytical Results For:**

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

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 07/31/2023                  | Sampling Date:      | 07/31/2023    |
| Reported:         | 08/01/2023                  | Sampling Type:      | Soil          |
| Project Name:     | RAY BATTY FEDERAL COM #003H | Sampling Condition: | Cool & Intact |
| Project Number:   | 212C - MD - 02847           | Sample Received By: | Jodi Henson   |
| Project Location: | COP - LEA CO NM             |                     |               |

**Sample ID: WSW - 1 (H234023-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.18 | 109        | 2.00          | 2.57 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.08 | 104        | 2.00          | 4.14 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 1.99 | 99.4       | 2.00          | 3.46 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 5.99 | 99.8       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/01/2023 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| 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            | 08/01/2023 | ND              | 205 | 103        | 200           | 2.90 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/01/2023 | ND              | 216 | 108        | 200           | 4.87 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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\*=Accredited Analyte

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### Notes and Definitions

|       |   |
|-------|---|
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| 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                          |

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

Celey D. Keene, Lab Director/Quality Manager



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 2

|   |  |  |  |
|---|--|--|--|
| <b>Company Name:</b> Ceneca Phillips<br><b>Project Manager:</b> Christian Luvu<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-02847 <b>Project Owner:</b><br><b>Project Name:</b> Ray Betty Federal Con #003H<br><b>Project Location:</b> Lea Co, NM<br><b>Sample Name:</b> Andrew Garcia<br><b>FOR LAB USE ONLY</b>   |  | <b>BILL TO</b><br><b>P.O. #:</b><br><b>Company:</b> Feta Tech<br><b>Attn:</b> Christian Luvu<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><br><b>Sample I.D.</b>   |  | <b>MATRIX</b><br><input type="checkbox"/> (G)RAB OR (C)OMP.<br><input type="checkbox"/> # CONTAINERS<br><input type="checkbox"/> GROUNDWATER<br><input type="checkbox"/> WASTEWATER<br><input checked="" type="checkbox"/> SOIL<br><input type="checkbox"/> OIL<br><input type="checkbox"/> SLUDGE<br><input type="checkbox"/> OTHER:<br><b>ACID/BASE:</b><br><input checked="" type="checkbox"/> ICE / COOL<br><input type="checkbox"/> OTHER:                    |  |
| <b>PLEASE NOTE:</b> 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. 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. |  | <b>PRESERV</b><br><b>DATE</b> 2023 31 JUL<br><b>TIME</b> 9:00<br><b>TPH</b><br><b>BTEX</b><br><b>Chlorides 4500</b>  |  |
| <b>Relinquished By:</b> [Signature]<br><b>Relinquished Date:</b> 31 July 23<br><b>Received By:</b> [Signature]<br><b>Received Date:</b> 31 July 23  |  | <b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b><br><b>All Results are emailed. Please provide Email address:</b> Christian.Luvu@fetaTech.com  |  |
| <b>Delivered By: (Circle One)</b><br><b>Sampler - UPS - Bus - Other:</b> Corrected Temp. °C 3.4<br><b>Observed Temp. °C</b> 3.4<br><b>Sample Condition:</b> Cool/Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><b>Checked By:</b> [Signature]   |  | <b>Turnaround Time:</b> Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/><br><b>Thermometer ID #140</b> 24 hr<br><b>Correction Factor 0°C</b> <input type="checkbox"/> Yes <input type="checkbox"/> No<br><b>Bacteria (only) Sample Condition:</b> Cool/Intact <input type="checkbox"/> Yes <input type="checkbox"/> No<br><b>Observed Temp. °C</b> <input type="checkbox"/> Yes <input type="checkbox"/> No<br><b>Corrected Temp. °C</b> |  |
| <b>REMARKS:</b> Nicholas. Poolec fetaTech.com   |  |  |  |

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





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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

|  |                      |             |  |
|--|----------------------|-------------|--|
| <b>Company Name:</b>                           |                      |             |  |
| <b>Project Manager:</b>                        |                      |             |  |
| <b>Address:</b>                                |                      |             |  |
| <b>City:</b>                                   | <b>State:</b>        | <b>Zip:</b> |  |
| <b>Phone #:</b>                                | <b>Fax #:</b>        |             |  |
| <b>Project #: 212C-MB-02847 Project Owner:</b> |                      |             |  |
| <b>Project Name: Ray Betty Fed Com H 003H</b>  |                      |             |  |
| <b>Project Location: Lea Co, NM</b>            |                      |             |  |
| <b>Sampler Name:</b>                           | <b>Andrea Garcia</b> |             |  |
| <b>P.O. #:</b>                                 |                      |             |  |
| <b>Company: Tetra Tech</b>                     |                      |             |  |
| <b>Attn: Christian Lull</b>                    |                      |             |  |
| <b>Address:</b>                                |                      |             |  |
| <b>City:</b>                                   |                      |             |  |
| <b>State:</b>                                  |                      |             |  |
| <b>Zip:</b>                                    |                      |             |  |
| <b>Phone #:</b>                                |                      |             |  |
| <b>Fax #:</b>                                  |                      |             |  |

FOR LAB USE ONLY

| MATRIX            | PRESERV | SAMPLING | ANALYSIS REQUEST |      |                |  |
|-------------------|---------|----------|------------------|------|----------------|--|
| (G)RAB OR (C)OMP. |         |          | TPH              | BTEX | Chlorides 4500 |  |
| # CONTAINERS      |         |          |                  |      |                |  |
| GROUNDWATER       |         |          |                  |      |                |  |
| WASTEWATER        |         |          |                  |      |                |  |
| SOIL              | X       |          |                  |      |                |  |
| OIL               |         |          |                  |      |                |  |
| SLUDGE            |         |          |                  |      |                |  |
| OTHER :           |         |          |                  |      |                |  |
| ACID/BASE:        |         |          |                  |      |                |  |
| ICE / COOL        | X       |          |                  |      |                |  |
| OTHER :           |         |          |                  |      |                |  |
| DATE              | 2023    | TIME     |                  |      |                |  |
| TIME              | 1345    |          |                  |      |                |  |
|                   | 1400    |          |                  |      |                |  |

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|   |                              |   |  |
|---|------------------------------|---|--|
| <b>Relinquished By:</b>   | <b>Date:</b> 31 Jul 23       | <b>Received By:</b>   | <b>Date:</b> 31 Jul 23   |
| <b>Relinquished By:</b>   | <b>Date:</b> 16 Jun 23       | <b>Received By:</b>   | <b>Date:</b> 16 Jun 23   |
| <b>Delivered By: (Circle One)</b>   | <b>Observed Temp. °C</b> 3.4 | <b>Cool Intact</b>  | <b>Sample Condition</b>  |
| <b>Sampler - UPS - Bus - Other:</b>   | <b>Corrected Temp. °C</b>    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Not Cool |
| <b>REMARKS:</b><br><br>   |                              |   |  |
| <b>Turnaround Time:</b> Standard Rush Add'l Phone #:<br><b>Thermometer ID #140</b> 24 HR <input checked="" type="checkbox"/><br><b>Correction Factor 0°C</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Bacteria (only) Sample Condition Observed Temp. °C Corrected Temp. °C |                              |   |  |



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---

August 02, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ROY BATTY FEDERAL COM #003

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 16:20.

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:         | 08/01/2023                 | Sampling Date:      | 08/01/2023     |
| Reported:         | 08/02/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROY BATTY FEDERAL COM #003 | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM                  |                     |                |

**Sample ID: FS - 1 (H234059-01)**

| BTEX 8021B     |        |                 | mg/kg      |              | Analyzed By: MS |            |               |      |           |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank | BS              | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND           | 2.21            | 110        | 2.00          | 3.66 |           |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND           | 2.13            | 106        | 2.00          | 4.15 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND           | 2.04            | 102        | 2.00          | 4.59 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND           | 6.20            | 103        | 6.00          | 3.83 |           |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND           |                 |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        |                 | mg/kg      |              | Analyzed By: AC |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS              | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1630   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 182             | 91.2       | 200           | 6.05  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/02/2023 | ND           | 196             | 98.2       | 200           | 0.356 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/02/2023 | ND           |                 |            |               |       |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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\*=Accredited Analyte

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**Analytical Results For:**

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

|                   |                            |                     |                |
|-------------------|----------------------------|---------------------|----------------|
| Received:         | 08/01/2023                 | Sampling Date:      | 08/01/2023     |
| Reported:         | 08/02/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROY BATTY FEDERAL COM #003 | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM                  |                     |                |

**Sample ID: FS - 2 (H234059-02)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.21 | 110        | 2.00          | 3.66 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.13 | 106        | 2.00          | 4.15 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 2.04 | 102        | 2.00          | 4.59 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 6.20 | 103        | 6.00          | 3.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 960    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND              | 182 | 91.2       | 200           | 6.05  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/02/2023 | ND              | 196 | 98.2       | 200           | 0.356 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/02/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

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

|                   |                            |                     |                |
|-------------------|----------------------------|---------------------|----------------|
| Received:         | 08/01/2023                 | Sampling Date:      | 08/01/2023     |
| Reported:         | 08/02/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROY BATTY FEDERAL COM #003 | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM                  |                     |                |

**Sample ID: FS - 3 (H234059-03)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.21 | 110        | 2.00          | 3.66 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.13 | 106        | 2.00          | 4.15 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 2.04 | 102        | 2.00          | 4.59 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 6.20 | 103        | 6.00          | 3.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 896    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND              | 182 | 91.2       | 200           | 6.05  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/02/2023 | ND              | 196 | 98.2       | 200           | 0.356 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/02/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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**Analytical Results For:**

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

|                   |                            |                     |                |
|-------------------|----------------------------|---------------------|----------------|
| Received:         | 08/01/2023                 | Sampling Date:      | 08/01/2023     |
| Reported:         | 08/02/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROY BATTY FEDERAL COM #003 | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM                  |                     |                |

**Sample ID: FS - 4 (H234059-04)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.21 | 110        | 2.00          | 3.66 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.13 | 106        | 2.00          | 4.15 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 2.04 | 102        | 2.00          | 4.59 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 6.20 | 103        | 6.00          | 3.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 304    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND              | 182 | 91.2       | 200           | 6.05  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/02/2023 | ND              | 196 | 98.2       | 200           | 0.356 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/02/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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\*=Accredited Analyte

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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:         | 08/01/2023                 | Sampling Date:      | 08/01/2023     |
| Reported:         | 08/02/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROY BATTY FEDERAL COM #003 | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM                  |                     |                |

**Sample ID: FS - 5 (H234059-05)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.21 | 110        | 2.00          | 3.66 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.13 | 106        | 2.00          | 4.15 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 2.04 | 102        | 2.00          | 4.59 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 6.20 | 103        | 6.00          | 3.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3400   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND              | 182 | 91.2       | 200           | 6.05  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/02/2023 | ND              | 196 | 98.2       | 200           | 0.356 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/02/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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:         | 08/01/2023                 | Sampling Date:      | 08/01/2023     |
| Reported:         | 08/02/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROY BATTY FEDERAL COM #003 | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM                  |                     |                |

**Sample ID: FS - 6 (H234059-06)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.21 | 110        | 2.00          | 3.66 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.13 | 106        | 2.00          | 4.15 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 2.04 | 102        | 2.00          | 4.59 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 6.20 | 103        | 6.00          | 3.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2640   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND              | 182 | 91.2       | 200           | 6.05  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/02/2023 | ND              | 196 | 98.2       | 200           | 0.356 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/02/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

|                   |                            |                     |                |
|-------------------|----------------------------|---------------------|----------------|
| Received:         | 08/01/2023                 | Sampling Date:      | 08/01/2023     |
| Reported:         | 08/02/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROY BATTY FEDERAL COM #003 | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM                  |                     |                |

**Sample ID: FS - 7 (H234059-07)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.21 | 110        | 2.00          | 3.66 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.13 | 106        | 2.00          | 4.15 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 2.04 | 102        | 2.00          | 4.59 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 6.20 | 103        | 6.00          | 3.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 688    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND              | 182 | 91.2       | 200           | 6.05  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/02/2023 | ND              | 196 | 98.2       | 200           | 0.356 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/02/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

|                   |                            |                     |                |
|-------------------|----------------------------|---------------------|----------------|
| Received:         | 08/01/2023                 | Sampling Date:      | 08/01/2023     |
| Reported:         | 08/02/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROY BATTY FEDERAL COM #003 | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM                  |                     |                |

**Sample ID: FS - 8 (H234059-08)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.21 | 110        | 2.00          | 3.66 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/01/2023 | ND              | 2.13 | 106        | 2.00          | 4.15 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/01/2023 | ND              | 2.04 | 102        | 2.00          | 4.59 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/01/2023 | ND              | 6.20 | 103        | 6.00          | 3.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/01/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 640    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND              | 182 | 91.2       | 200           | 6.05  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/02/2023 | ND              | 196 | 98.2       | 200           | 0.356 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/02/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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---

### 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 |

---

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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

|   |             |                             |      |                  |               |
|---|-------------|-----------------------------|------|------------------|---------------|
| Company Name: <b>Conoco Phillips</b>  |             | P.O. #: <b>BILL TO</b>      |      | ANALYSIS REQUEST |               |
| Project Manager: <b>Christian Lulu</b>  |             | Company: <b>Tetra Tech</b>  |      |                  |               |
| Address:  |             | Attn: <b>Christian Lulu</b> |      |                  |               |
| City:   | State:      | Zip:                        |      |                  |               |
| Phone #:  | Fax #:      |                             |      |                  |               |
| Project #:  |             | City:                       |      |                  |               |
| Project Name: <b>Ray Batty Federal can #003</b>   |             | State:                      | Zip: |                  |               |
| Project Location: <b>Lee County, NM</b>   |             | Phone #:                    |      |                  |               |
| Sampler Name: <b>Andrew Garcia</b>  |             | Fax #:                      |      |                  |               |
| FOR LAB USE ONLY  |             |                             |      |                  |               |
| Lab I.D. <b>H234089</b>   | Sample I.D. | MATRIX                      |      | PRESERV.         | SAMPLING      |
| <div style="display: flex; justify-content: space-between;"> <div> <b>FS-1</b><br/> <b>FS-2</b><br/> <b>FS-3</b><br/> <b>FS-4</b><br/> <b>FS-5</b><br/> <b>FS-6</b><br/> <b>FS-7</b><br/> <b>FS-8</b> </div> <div> <b>1</b><br/> <b>2</b><br/> <b>3</b><br/> <b>4</b><br/> <b>5</b><br/> <b>6</b><br/> <b>7</b><br/> <b>8</b> </div> </div> |             | (G)RAB OR (C)OMP.           |      |                  |               |
|   |             | # CONTAINERS                |      |                  |               |
|   |             | GROUNDWATER                 |      |                  |               |
|   |             | WASTEWATER                  |      |                  |               |
|   |             | SOIL                        |      |                  |               |
|   |             | OIL                         |      |                  |               |
|   |             | SLUDGE                      |      |                  |               |
|   |             | OTHER:                      |      |                  |               |
|   |             | ACID/BASE:                  |      |                  |               |
|   |             | ICE / COOL                  |      |                  |               |
| OTHER:  |             |                             |      |                  |               |
| DATE  |             | DATE                        | TIME |                  |               |
|   |             | 08/01                       | 900  | X                | TPH           |
|   |             |                             | 930  | X                | BTEX          |
|   |             |                             | 1000 | X                | Chloride 4500 |
|   |             |                             | 1030 |                  |               |
|   |             |                             | 1100 |                  |               |
|   |             |                             | 1130 |                  |               |
|   |             |                             | 1200 |                  |               |
|   |             |                             | 1230 |                  |               |

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|                                       |                        |                                    |
|---------------------------------------|------------------------|------------------------------------|
| Relinquished By: <b>Andrew Garcia</b> | Date: <b>01 Aug 23</b> | Received By: <b>Christian Lulu</b> |
| Relinquished By:                      | Date:                  | Received By:                       |
| Time:                                 | Time:                  | Time:                              |
| Observed Temp. °C                     | Corrected Temp. °C     | Observed Temp. °C                  |
| Delivered By: (Circle One)            | Corrected Temp. °C     | Observed Temp. °C                  |
| Sampler - UPS - Bus - Other:          | Corrected Temp. °C     | Observed Temp. °C                  |
| Sample Condition                      | Checked By: (Initials) | Observed Temp. °C                  |
| Cool Intact                           | Checked By: (Initials) | Observed Temp. °C                  |
| Yes Yes                               | Checked By: (Initials) | Observed Temp. °C                  |
| No No                                 | Checked By: (Initials) | Observed Temp. °C                  |
| No No                                 | Checked By: (Initials) | Observed Temp. °C                  |
| No No                                 | Checked By: (Initials) | Observed Temp. °C                  |

REMARKS: **Christian Lulu @ TetraTech.com**

**Turnaround Time:** **Standard** ☒ **Rush** ☐

**Thermometer ID #140** **Correction Factor 0°C**

**Bacteria (only) Sample Condition**

**Cool Intact** ☒ **Observed Temp. °C**

**Yes Yes** **Observed Temp. °C**

**No No** **Observed Temp. °C**

**Corrected Temp. °C**





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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|   |             |                             |      |                  |          |
|---|-------------|-----------------------------|------|------------------|----------|
| Company Name: <b>Conoco Phillips</b>  |             | P.O. #: <b>BILL TO</b>      |      | ANALYSIS REQUEST |          |
| Project Manager: <b>Christian Lulu</b>  |             | Company: <b>Tetra Tech</b>  |      |                  |          |
| Address:  |             | Attn: <b>Christian Lulu</b> |      |                  |          |
| City:   | State:      | Zip:                        |      |                  |          |
| Phone #:  | Fax #:      |                             |      |                  |          |
| Project #:  |             | City:                       |      |                  |          |
| Project Name: <b>Ray Batty Federal can #003</b>   |             | State:                      | Zip: |                  |          |
| Project Location: <b>Lee County, NM</b>   |             | Phone #:                    |      |                  |          |
| Sampler Name: <b>Andrew Garcia</b>  |             | Fax #:                      |      |                  |          |
| FOR LAB USE ONLY  |             |                             |      |                  |          |
| Lab I.D. <b>H234089</b>   | Sample I.D. | MATRIX                      |      | PRESERV.         | SAMPLING |
| <div style="display: flex; justify-content: space-between;"> <div> <b>FS-1</b><br/> <b>FS-2</b><br/> <b>FS-3</b><br/> <b>FS-4</b><br/> <b>FS-5</b><br/> <b>FS-6</b><br/> <b>FS-7</b><br/> <b>FS-8</b> </div> <div> <b>1</b><br/> <b>2</b><br/> <b>3</b><br/> <b>4</b><br/> <b>5</b><br/> <b>6</b><br/> <b>7</b><br/> <b>8</b> </div> </div> |             | (G)RAB OR (C)OMP.           |      |                  |          |
|   |             | # CONTAINERS                |      |                  |          |
|   |             | GROUNDWATER                 |      |                  |          |
|   |             | WASTEWATER                  |      |                  |          |
|   |             | SOIL                        |      |                  |          |
|   |             | OIL                         |      |                  |          |
|   |             | SLUDGE                      |      |                  |          |
|   |             | OTHER:                      |      |                  |          |
|   |             | ACID/BASE:                  |      |                  |          |
|   |             | ICE / COOL                  |      |                  |          |
| OTHER:  |             |                             |      |                  |          |
| DATE  |             |                             |      |                  |          |
| TIME  |             |                             |      |                  |          |
| TPH   |             |                             |      |                  |          |
| BTEX  |             |                             |      |                  |          |
| 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 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 party's use of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated rescission, or otherwise.

|                                       |                              |  |
|---------------------------------------|------------------------------|--|
| Relinquished By: <b>Andrew Garcia</b> | Date: <b>01 Aug 23</b>       | Received By: <b>Christian Lulu</b>   |
| Relinquished By:                      | Date:                        | Received By:   |
| Delivered By: (Circle One) <b>UPS</b> | Observed Temp. °C <b>4.1</b> | Sample Condition <b>Cool Intact</b>  |
| Corrected Temp. °C                    |                              | Checked By: (Initials) <b>AL</b>   |
| Turnaround Time:                      | Thermometer ID #140          | Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> |
| Correction Factor 0°C                 |                              | Bacteria (only) <input type="checkbox"/>                                   |
|                                       |                              | Cool Intact <input type="checkbox"/>                                       |
|                                       |                              | Observed Temp. °C  |
|                                       |                              | Corrected Temp. °C   |

REMARKS: **Christian Lulu @ TetraTech.com**  
**Nicholas, Poole & TetraTech.com**  
**24 hrs**

**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 257774

CONDITIONS

|   |   |
|---|---|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br>229137  |
|   | Action Number:<br>257774                                  |
|   | Action Type:<br>[C-141] Release Corrective Action (C-141) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| bhall      | None      | 8/28/2023      |