



April 17, 2024

Brittany Hall  
Projects Environmental Specialist  
New Mexico Energy, Minerals, and Natural Resources Department  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**Re: Closure Report  
ConocoPhillips Company (Heritage COG Operating, LLC)  
King Tut Federal #003H  
Unit Letter D, Section 30, Township 24 South, Range 32 East  
Lea County, New Mexico  
Incident ID# nOY1713048453**

Ms. Hall:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (ConocoPhillips) to assess a Heritage COG Operating, LLC (Concho) release that occurred at a flowline associated with the King Tut Federal #003H well (API No. 30-025-41559). The release footprint is located in Public Land Survey System (PLSS) Unit Letter D, Section 30, Township 24 South, Range 32 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.194551°, -103.720252°, as shown on Figures 1 and 2.

## BACKGROUND

According to the NMOCD C-141 Initial Report, the release occurred on May 6, 2017 when a hole developed in a fiberspar flowline associated with the King Tut Federal #003H well. Approximately 30 bbls of produced water were released into the pipeline rights-of-way. A vacuum truck recovered approximately 25 bbls of fluids. The NMOCD assigned this release the Incident ID nOY1713048453 and the remediation permit number 1RP-4696. A copy of the C-141 is included as Appendix A.

This incident is included in an Agreed Compliance Order-Releases (ACO-R) between Concho and the NMOCD signed on November 20 and 26, 2018, respectively.

The King Tut Federal #003H release (nOY1713048453) footprint coincides with three additional flowline release incidents associated with the King Tut Federal #001H well (nAB1905046526 and nKL1630650239), and the Windward Federal #001H well (nOY1721336457), respectively. Separate closure reports will be submitted for the other three incidents.

## SITE CHARACTERIZATION

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

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According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there is one (1) water well located within ½ mile (800 meters) of the Site at a depth of 120 feet bgs with no groundwater elevation reported. This dry water well provides a reasonable determination to establish groundwater as greater than 100 bgs in the ½ mile radius. The minimum depth to groundwater based on data from one (1) well located approximately 1.26 miles (2,028 meters) away from the Site is 135 feet below ground surface (bgs). The site characterization data are presented in Appendix B.

## REGULATORY FRAMEWORK

Based upon the release footprint location 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, depth to groundwater, and in accordance with Table I of 19.15.29.12 NMAC, the recommended remedial action levels (RRALs) for the Site are as follows:

| Constituent | Site RRALs   |
|-------------|--------------|
| Chloride    | 20,000 mg/kg |
| TPH         | 2,500 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 ft bgs) outside of active oil and gas operations are as follows:

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

## INITIAL SITE ASSESSMENT AND 2018 CLOSURE REQUEST

On August 15, 2017, Tetra Tech conducted assessment soil sampling at the Site on behalf of Concho. A total of eight (8) boreholes (BH-1 through BH-8) were installed using an air rotary drill rig to depths ranging from 10-25 feet bgs. The sampling locations are presented in Figure 3. The analytical results from the August 2017 soil sampling activities are summarized in Table 1.

Based on the analytical results of the August 2017 assessment sampling, a Work Plan dated September 21, 2017 was submitted to the NMOCD. This Work Plan incorporated all three release extents in the assessment. The Work Plan proposed excavating the release areas with elevated chloride concentrations to approximately 4 feet below surface and installing a 20-mil liner at the base of the excavation. The NMOCD conditionally approved the Work Plan in an email dated October 12, 2017. A copy of regulatory correspondence is included in the NMOCD online permitting files.

During preparations to begin the remediation activities, it was discovered that a second pipeline had been installed by Plains Pipeline adjacent to the first identified pipeline in the release footprint. In order to evaluate the soil after the pipeline installation activities, Tetra Tech returned to the Site on July 27, 2018 to collect additional samples. A total of six (6) auger holes (AH-1 through AH-6) were installed in the areas of boreholes BH-1, BH-2, BH-3, BH-6, BH-7, and BH-8. The sampling locations are presented in Figure 3. The analytical results from the July 2018 soil sampling activities are summarized in Table 1.

Tetra Tech prepared a Closure Report on behalf of Concho dated November 7, 2018 summarizing the assessment sampling results. That same Closure Report was submitted for each individual incident (nAB1905046526, nOY1713048453, and nOY1721336457). The analytical results from the July 2018 soil sampling event were below the Site RRALs for all constituents. Chloride concentrations in samples

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collected from auger holes AH-4, AH-5, and AH-6 exceeded the reclamation requirement of 600 mg/kg in surface soils (0-4 feet bgs). Closure was requested due to safety concerns around the Plains Pipeline infrastructure and soil analytical results below the Site RRALs. Chloride impacts are minimal at the total depth within the deepest assessment boring (BH-8). The analytical results from the sample collected from the 24-25 bgs interval (782 mg/kg) were slightly above the most stringent chloride reclamation requirement and well below the RRAL of 20,000 mg/kg. Surficial impacts were confined to areas within the Plains rights-of-way.

The NMOCD rejected each individual Closure Report in emails dated December 9, 2022 with the following comments:

- *“Request for closure denied. Several sample locations are above the reclamation standard of 600 mg/kg for chloride in the upper 4 feet of the impacted area. If necessary, a deferral of the remediation and reclamation could be requested until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first. A deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water.*
- *1RP-4696 closed. Refer to incident #nOY1713048453 in all future communication.*
- *Submit a complete report through the OCD Permitting website by 03/10/2023.”*

The NMOCD approved an individual request for a 90-day extension to June 10, 2023 in an email dated March 10, 2023. A copy of regulatory correspondence is included in the NMOCD online permitting files.

## 2023 HORIZONTAL DELINEATION SAMPLING AND DEFERRAL REQUEST

Following receipt of the NMOCD rejection of the 2018 Closure Report, Tetra Tech conducted additional assessment sampling at the Site on behalf of ConocoPhillips in order to complete horizontal delineation of the release. On May 5, 2023 Tetra Tech installed eleven (11) hand auger borings (AH-23-1 through AH-23-11) along the perimeter of the reported release extent to complete horizontal delineation. The 2023 boring locations are shown on Figure 4. Photographic documentation of the release area at the time of the horizontal delineation sampling demonstrates established uniform vegetative cover that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels (Appendix D).

A total of eleven (11) soil samples were collected and sent to Cardinal Laboratories in Midland, Texas to be analyzed for chloride via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B. Analytical results from the 2023 horizontal delineation soil assessment activities are summarized in Table 2. All analytical results were below the applicable Site RRALs for all constituents.

Tetra Tech prepared a Revised Deferral Request dated May 26, 2023 on behalf of ConocoPhillips based on the results of the additional assessment results and the comments provided by the NMOCD in the December 9, 2022 closure rejection email. The NMOCD rejected the deferral request in an email dated June 6, 2023 with the following comments:

- *“Deferral denied. There is another open incident for a release that occurred in the same area under incident #NAB1905046526. The release occurred on 2/8/2019. A closure request was submitted 7/22/2019 and subsequently denied by both the BLM and OCD on 8/15/2019. Per 19.15.29.12 C. (3) “The responsible party shall remediate the impacted surface area of a release not occurring on a lined, bermed or otherwise contained exploration, development, production or storage site to meet the standards of Table I of 19.15.29.12 NMAC or other applicable remediation standards and restore and reclaim the area pursuant to 19.15.29.13 NMAC.” Remediation can take place by using hand hovels, hydrovac, etc. to safely remove contaminated soil around the pipelines. In-situ remediation can also be utilized as long as the remediation plan is approved by the OCD prior to implementation. Submit a complete report through the OCD Permitting website by 9/6/2023.”*

An extension request to December 5, 2023 was granted in an email dated September 12, 2023. A copy of regulatory correspondence is included in the NMOCD online permitting files.

## 2023 ADDITIONAL ASSESSMENT ACTIVITIES

Tetra Tech conducted additional assessment sampling on behalf of ConocoPhillips within the release extent to evaluate current soil concentration levels. On September 7, 2023, Tetra Tech personnel installed nine (9) hand auger borings (AH-23-12 through AH-23-20) within the combined release extent at the locations that had elevated soil chloride concentrations in the August 2017 sampling event. The 2023 sampling locations are presented in Figure 4.

A total of forty-five (45) soil samples were collected and sent to Cardinal Laboratories in Midland, Texas to be analyzed for chloride via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B.

Analytical results from the 2023 vertical delineation soil assessment are summarized in Table 3. Chloride concentrations were detected in surface soils (0-4 feet bgs) at all nine boring locations at levels above the reclamation limit of 600 mg/kg. There were no analytical results exceeding the chloride RRAL of 20,000 mg/kg. All analytical results were below the reclamation limits and Site RRALs for all other constituents.

## REMEDIATION WORK PLAN AND REGULATORY APPROVAL

Tetra Tech, on behalf of ConocoPhillips, prepared a Remediation Work Plan dated November 20, 2023 and submitted it to the NMOCD and the BLM for approval. The Remediation Work Plan described the results of the assessment activities and proposed to remove soils that exceeded the Site reclamation limits and RRALs as determined by the results of the assessment activities. The Remediation Work Plan also included a variance request to leave impacted surface (upper four feet) soils (with concentrations greater than the reclamation limit of 600 mg/kg) in place at specific areas that are overlain with 2-3 feet of clean topsoil.

The Remediation Work Plan and variance request were approved via email by Brittany Hall of the NMOCD on Wednesday, January 17, 2024, with the following conditions:

- *“Remediation plan and variance request are conditionally approved. If the horizontal extents of the release remediation excavation extend beyond AH-23-12, AH-23-13, and AH-23-20; then these areas will need to be addressed at time of remediation as there are no horizontal delineation points that meet the most stringent closure criteria in the upper four feet east of AH-23-15 and the horizontal delineation points are 70+ feet west of AH-23-20.*
- *Wall samples along any 4 foot buffer area of buried pressurized lines will need to be collected and analyzed for all constituents listed in Table I.*
- *Submit a complete report through the OCD Permitting website by 4/17/2023.”*

The Remediation Work Plan was approved verbally and reiterated via email by Shelly Taylor of the BLM on Wednesday, April 3, 2024. Copies of the regulatory correspondence is included in Appendix C.

## REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From March 20 through April 3, 2024, Tetra Tech personnel were onsite to supervise the remedial activities proposed in the approved Remediation Work Plan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on March 21, 2024, the NMOCD district office was notified via the OCD Portal in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix C.

Impacted soils were excavated as indicated in Figure 5. The areas within the release footprint were excavated to a maximum depth of 4 feet below surrounding grade. Due to safety concerns associated with working around pressurized lines, impacted soils were excavated by hand or hydro-excavation within 4 feet of subsurface lines. Heavy machinery remained outside this buffer zone to avoid any associated risk or disturbance. Photographs from the excavated areas prior to backfill are provided in Appendix D.



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Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per the NMOCD approved confirmation sampling plan, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. Seven (7) confirmation floor sample locations and eight (8) confirmation sidewall sample locations were collected for laboratory analysis 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"-#. Sidewall samples were collected in the vicinity of the 4-foot buffer area of buried pressurized lines and analyzed for all constituents listed in Table I, as stipulated in the approval. Excavated areas, depths and confirmation sample locations are indicated in Figure 5.

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 reclamation limits and established Site RRALs to demonstrate compliance.

The results of the March 2024 confirmation sampling events are summarized in Table 4. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All excavated material was transported offsite for proper disposal. Approximately 484 cubic yards of material were transported to the Northern Delaware Basin Landfill. Copies of the waste manifests are included in Appendix F.

## RECLAMATION ACTIVITIES

Based on 19.15.29.13 NMAC, all areas disturbed by the remediation have been reclaimed. 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 reclamation requirements and established Site RRALs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below the reclamation limits for chloride, TPH, and BTEX. Excavated areas, depths and confirmation sample locations are indicated in Figure 5. The results of the March 2024 confirmation sampling events are summarized in Table 4.

Once acceptable confirmation sample results were received, the excavation was backfilled with clean material to pre-release grade. In accordance with 19.15.29.12 NMAC, the reclaimed area contained a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by SM4500Cl-B. The soil cover included a top layer consisting of one foot of suitable material to establish vegetation at the site. The backfilled areas in the pasture were seeded following backfilling, to aid in revegetation. Based on the soils of the site, the BLM Seed Mix #2 was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. One (1) representative 5-point composite sample was collected from the backfill material used for the reclamation of the project site. Soil backfill composite sampling results are summarized in Table 5. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Site inspections will be performed annually to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO 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. Reclamation activities have been implemented in consultation with the BLM.

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## CONCLUSION

ConocoPhillips respectfully requests closure of the incident based on the confirmation sampling results and remedial activities performed. The final C-141 forms are enclosed in Appendix A.

Sincerely,  
**Tetra Tech, Inc.**



Samantha Abbott, P.G.  
Project Manager



Christian M. Llull, P.G.  
Program Manager

cc:  
Mr. Ike Tavaréz, RMR – ConocoPhillips

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## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Initial Site Assessment (Tetra Tech 2017-2018)
- Figure 4 – Approximate Release Extent and Additional Assessment (Tetra Tech 2023)
- Figure 5 – Excavation Extent and Confirmation Sampling Locations

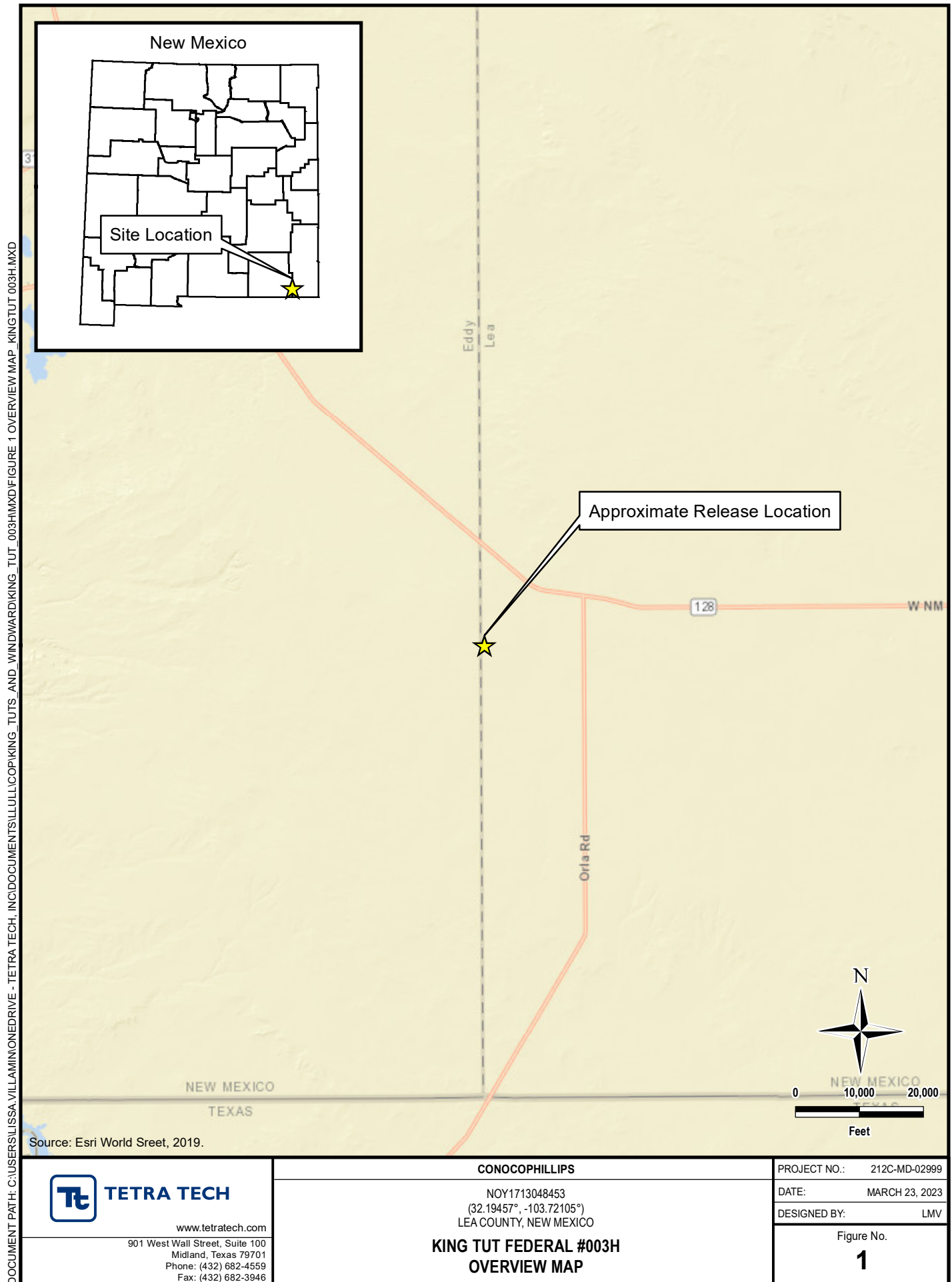
### Tables:

- Table 1 – Summary of Analytical Results – 2017-2018 Initial Soil Assessment
- Table 2 – Summary of Analytical Results – 2023 Horizontal Delineation Soil Assessment
- Table 3 – Summary of Analytical Results – 2023 Vertical Delineation Soil Assessment
- Table 4 – Summary of Analytical Results – Soil Remediation
- Table 5 – Summary of Analytical Results – Soil Backfill

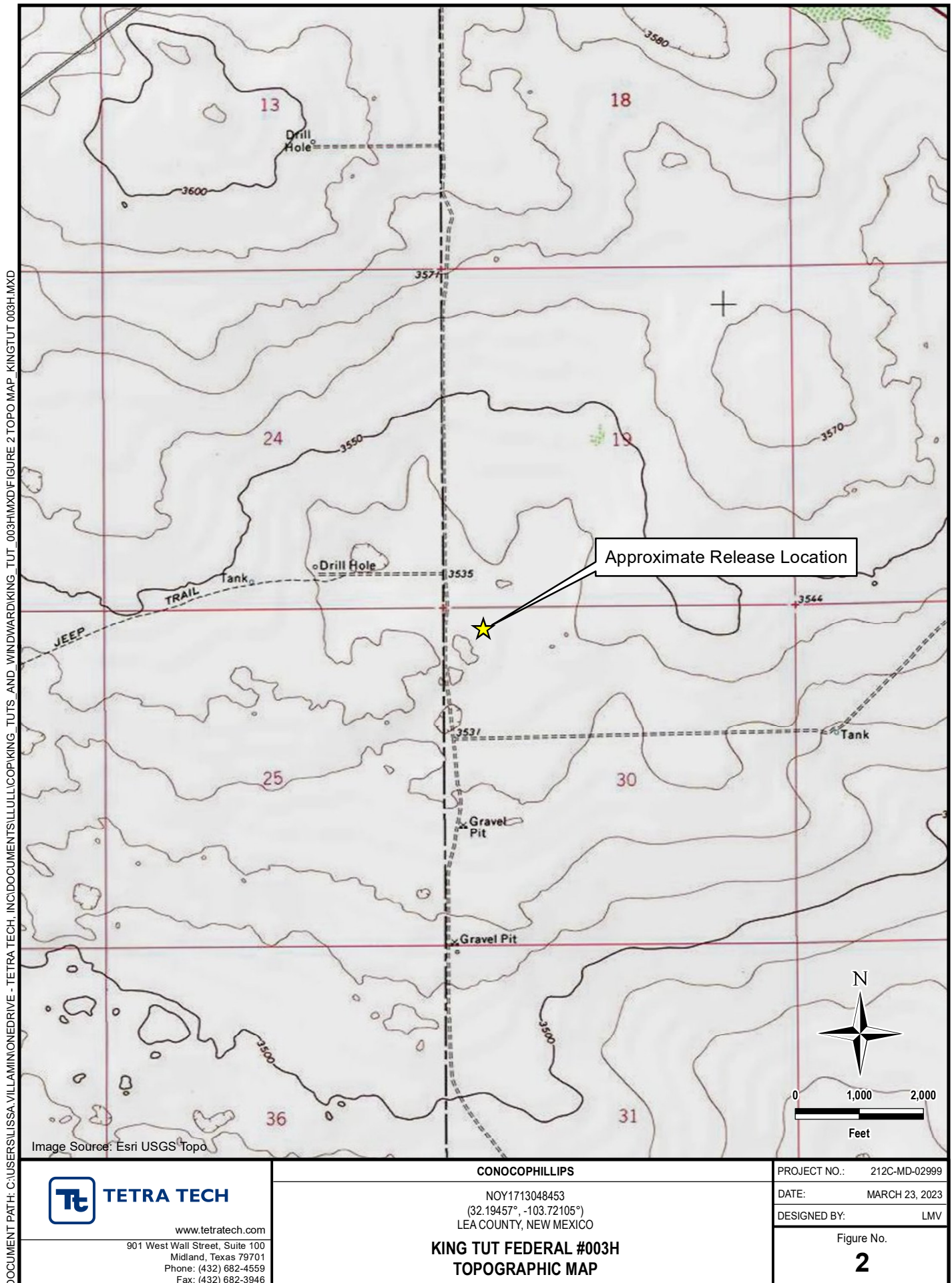
### Appendices:

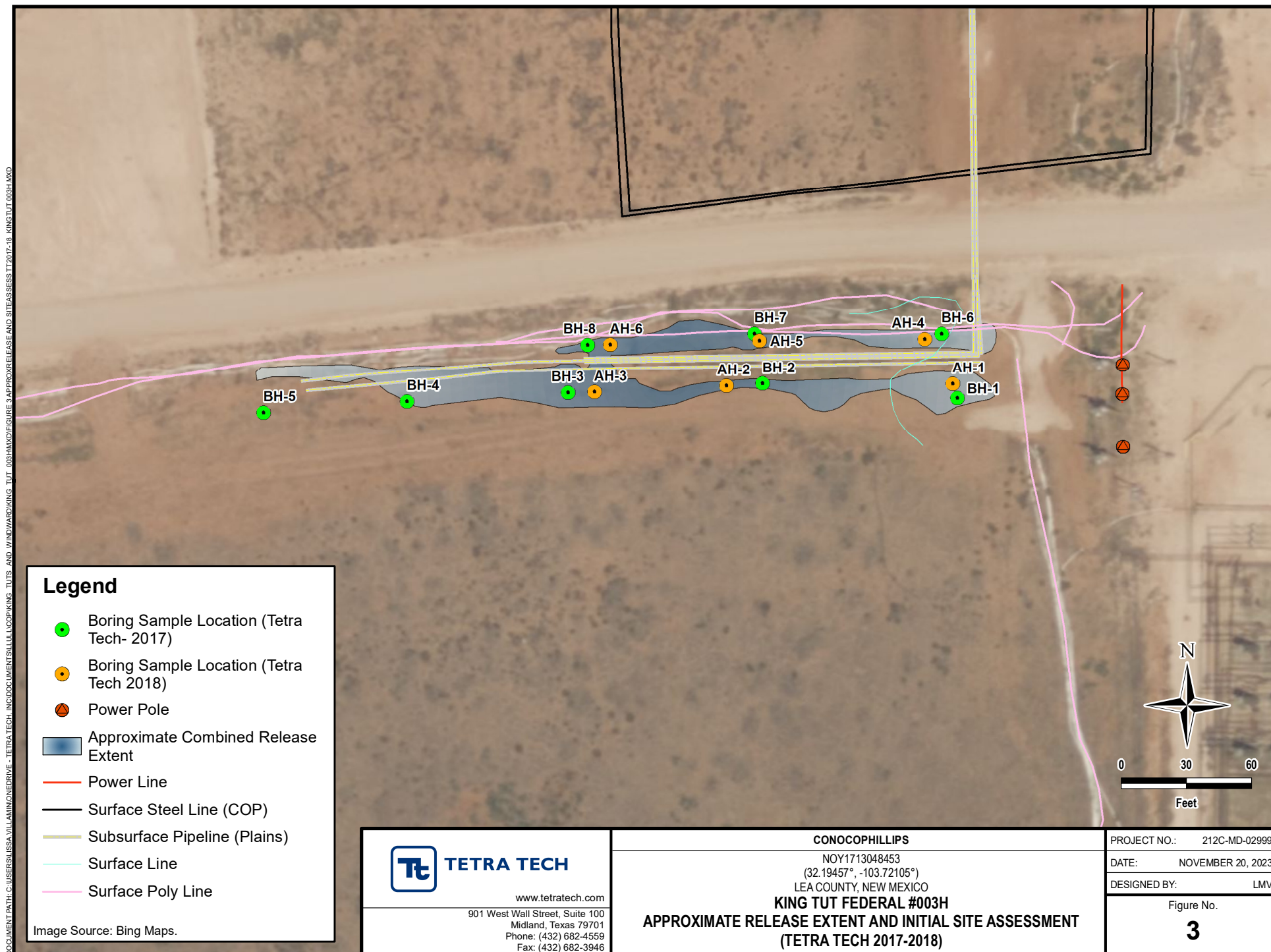
- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Regulatory Correspondence
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Analytical Data
- Appendix F – Waste Manifests

## **FIGURES**

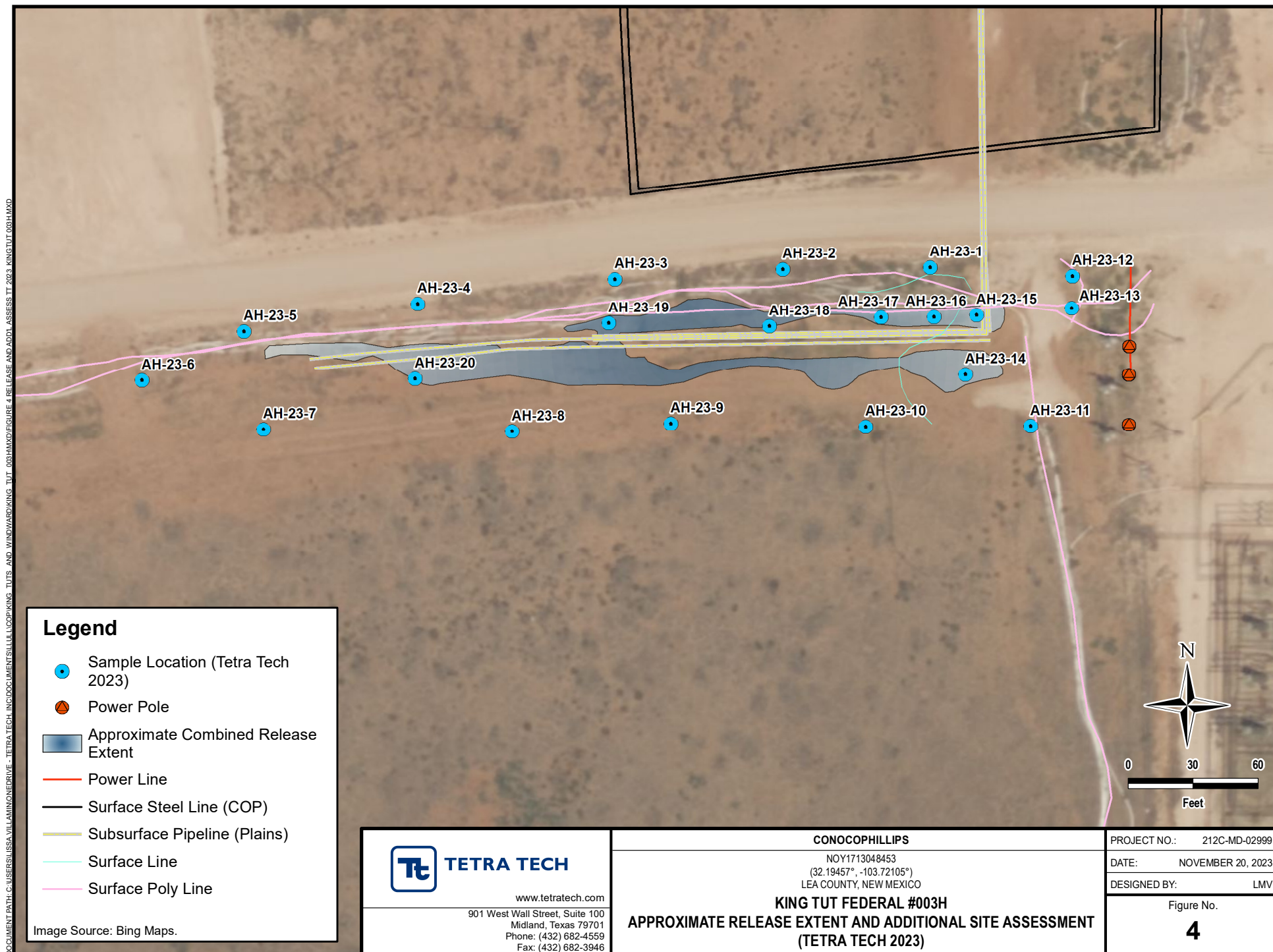


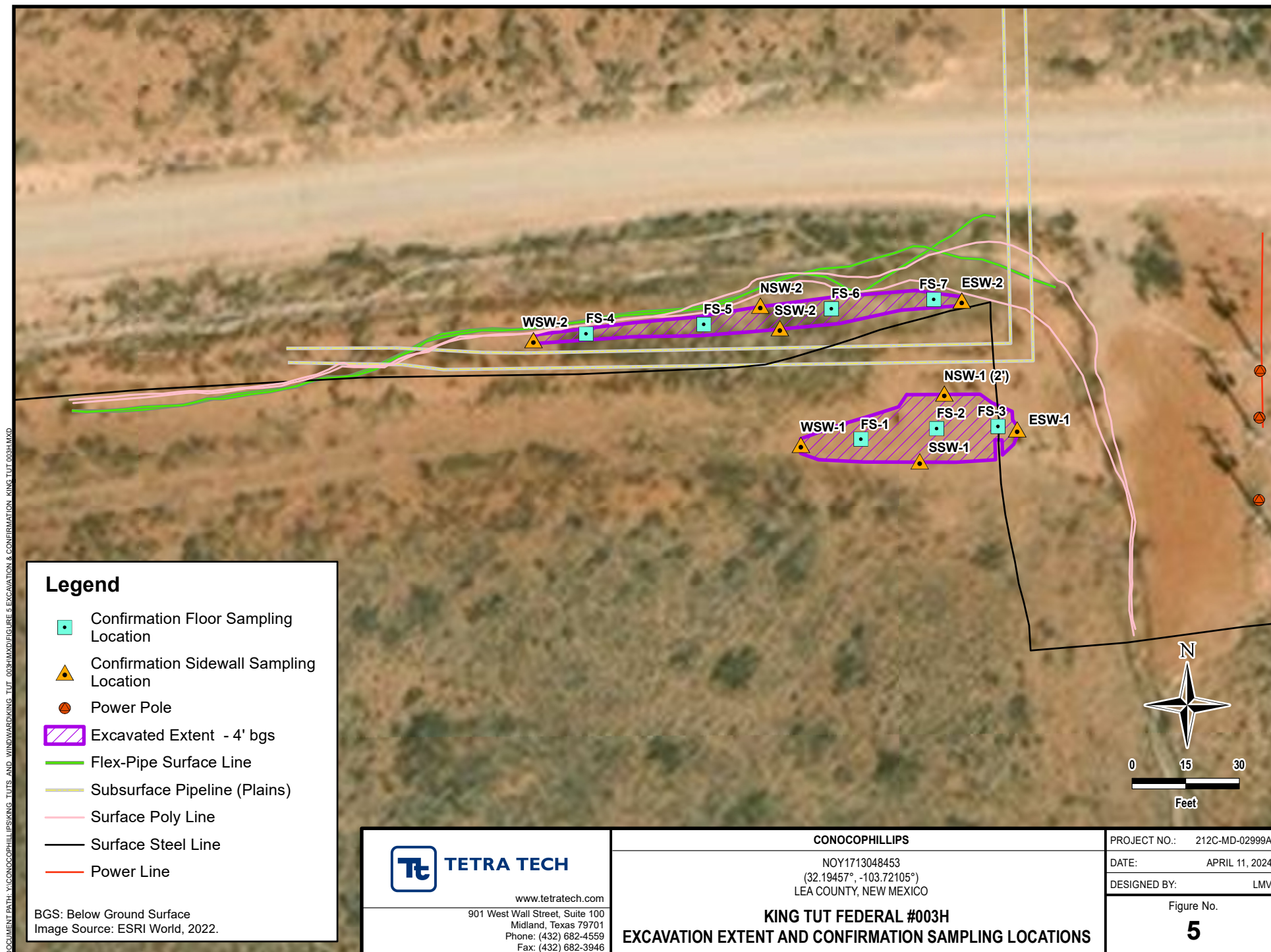












## **TABLES**



TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
2017-2018 INITIAL SOIL ASSESSMENT - nOY1713048453  
CONOCOPHILLIPS  
KING TUT FEDERAL #003H  
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth | Chloride <sup>1</sup> |   | BTEX <sup>2</sup> |   |          |   |              |   |             |   |          |   |               |   | TPH <sup>3</sup> |   |       |   |       |   |       |   |           |  |
|-----------|-------------|--------------|-----------------------|---|-------------------|---|----------|---|--------------|---|-------------|---|----------|---|---------------|---|------------------|---|-------|---|-------|---|-------|---|-----------|--|
|           |             |              |                       |   | Benzene           |   | Toluene  |   | Ethylbenzene |   | m,p-Xylenes |   | o-Xylene |   | Total Xylenes |   | Total BTEX       |   | GRO   |   | DRO   |   | MRO   |   | Total TPH |  |
|           |             | 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 | mg/kg | Q | mg/kg | Q |           |  |
| BH-1      | 8/15/2017   | 0-1          | 1840                  |   | <0.00200          |   | <0.00200 |   | <0.00200     |   | <0.00399    |   | <0.00200 |   | <0.00200      |   | <0.00200         |   | <15.0 |   | 143   |   | <15.0 |   | 143       |  |
|           |             | 2-3          | 2020                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-5          | 1790                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-7          | 2520                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 9-10         | 1090                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 14-15        | 199                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 19-20        | 116                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 24-25        | 121                   |   | <0.00201          |   | <0.00201 |   | <0.00201     |   | <0.00402    |   | <0.00201 |   | <0.00201      |   | <0.00201         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
| BH-2      | 8/15/2017   | 0-1          | 24.8                  |   | <0.00202          |   | <0.00202 |   | <0.00202     |   | <0.00404    |   | <0.00202 |   | <0.00202      |   | <0.00202         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
|           |             | 2-3          | 25.6                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-5          | 1110                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-7          | 920                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 9-10         | 213                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 14-15        | 175                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 19-20        | 126                   |   | <0.00201          |   | <0.00201 |   | <0.00201     |   | <0.00402    |   | <0.00201 |   | <0.00201      |   | <0.00201         |   | <14.9 |   | <14.9 |   | <14.9 |   | <14.9     |  |
| BH-3      | 8/15/2017   | 0-1          | 23.9                  |   | <0.00199          |   | <0.00199 |   | <0.00199     |   | <0.00398    |   | <0.00199 |   | <0.00199      |   | <0.00199         |   | <14.9 |   | <14.9 |   | <14.9 |   | <14.9     |  |
|           |             | 2-3          | 28.5                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-5          | 7960                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-7          | 796                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 9-10         | 40.5                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 14-15        | 143                   |   | <0.00202          |   | <0.00202 |   | <0.00202     |   | <0.00404    |   | <0.00202 |   | <0.00202      |   | <0.00202         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
| BH-4      | 8/15/2017   | 0-1          | 613                   |   | <0.00200          |   | <0.00200 |   | <0.00200     |   | <0.00401    |   | <0.00200 |   | <0.00200      |   | <0.00200         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
|           |             | 2-3          | 469                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-5          | 737                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-7          | 58.8                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 9-10         | 41.8                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 14-15        | 331                   |   | <0.00202          |   | <0.00202 |   | <0.00202     |   | <0.00404    |   | <0.00202 |   | <0.00202      |   | <0.00202         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
| BH-5      | 8/15/2017   | 0-1          | 31                    |   | <0.00200          |   | <0.00200 |   | <0.00200     |   | <0.00401    |   | <0.00200 |   | <0.00200      |   | <0.00200         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
|           |             | 2-3          | 47.8                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-5          | 28                    |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-7          | 24.6                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 9-10         | 24.8                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 14-15        | 37                    |   | <0.00199          |   | <0.00199 |   | <0.00199     |   | <0.00398    |   | <0.00199 |   | <0.00199      |   | <0.00199         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
| BH-6      | 8/15/2017   | 0-1          | 183                   |   | <0.00201          |   | <0.00201 |   | <0.00201     |   | <0.00402    |   | <0.00201 |   | <0.00201      |   | <0.00201         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
|           |             | 2-3          | 232                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-5          | 859                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-7          | 2440                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 9-10         | 562                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 14-15        | 295                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 19-20        | 69.2                  |   | <0.00202          |   | <0.00202 |   | <0.00202     |   | <0.00404    |   | <0.00202 |   | <0.00202      |   | <0.00202         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
| BH-7      | 8/15/2017   | 0-1          | 535                   |   | <0.00347          |   | <0.00347 |   | <0.00347     |   | <0.00694    |   | <0.00347 |   | <0.00347      |   | <0.00347         |   | <15.0 |   | 41.7  |   | <15.0 |   | 41.7      |  |
|           |             | 2-3          | 1370                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-5          | 3100                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-7          | 154                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 9-10         | 46.2                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 14-15        | 82.5                  |   | <0.00199          |   | <0.00199 |   | <0.00199     |   | <0.00398    |   | <0.00199 |   | <0.00199      |   | <0.00199         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |

TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
2017-2018 INITIAL SOIL ASSESSMENT - nOY1713048453  
CONOCOPHILLIPS  
KING TUT FEDERAL #003H  
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth | Chloride <sup>1</sup> |   | BTEX <sup>2</sup> |   |          |   |              |   |             |   |          |   |               |   | TPH <sup>3</sup> |   |       |   |       |   |       |   |           |  |
|-----------|-------------|--------------|-----------------------|---|-------------------|---|----------|---|--------------|---|-------------|---|----------|---|---------------|---|------------------|---|-------|---|-------|---|-------|---|-----------|--|
|           |             |              |                       |   | Benzene           |   | Toluene  |   | Ethylbenzene |   | m,p-Xylenes |   | o-Xylene |   | Total Xylenes |   | Total BTEX       |   | GRO   |   | DRO   |   | MRO   |   | Total TPH |  |
|           |             | 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 | mg/kg | Q | mg/kg | Q |           |  |
| BH-8      | 8/15/2017   | 0-1          | 302                   |   | <0.00200          |   | <0.00200 |   | <0.00200     |   | <0.00399    |   | <0.00200 |   | <0.00200      |   | <0.00200         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
|           |             | 2-3          | 1860                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-5          | 7110                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-7          | 5400                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 9-10         | 1250                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 14-15        | 440                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 19-20        | 504                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 24-25        | 782                   |   | <0.00201          |   | <0.00201 |   | <0.00201     |   | <0.00402    |   | <0.00201 |   | <0.00201      |   | <0.00201         |   | <15.0 |   | <15.0 |   | <15.0 |   | <15.0     |  |
| AH-1      | 6/27/2018   | 0-1          | 55.8                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 1-1.5        | 27.4                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 2-2.5        | 44.3                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 3-3.5        | 91.2                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-4.5        | 596                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 5-5.5        | 2160                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-6.5        | 2710                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 7-7.5        | 3020                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 8-8.5        | 3630                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
| 9-9.5     | 3200        |              | NA                    |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   |           |  |
| AH-2      | 6/27/2018   | 0-1          | 23.7                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 1-1.5        | 35.9                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 2-2.5        | 69.2                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 3-3.5        | 225                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-4.5        | 942                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 5-5.5        | 2720                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-6.5        | 3640                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 7-7.5        | 4790                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 8-8.5        | 5160                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
| 9-9.5     | 5920        |              | NA                    |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   |           |  |
| AH-3      | 6/27/2018   | 0-1          | 143                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 1-1.5        | 67.1                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 2-2.5        | 14.3                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 3-3.5        | 166                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-4.5        | 1160                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 5-5.5        | 3750                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-6.5        | 4080                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 7-7.5        | 4520                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 8-8.5        | 6990                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
| 9-9.5     | 5220        |              | NA                    |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   |           |  |
| AH-4      | 6/27/2018   | 0-1          | 2480                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 1-1.5        | 2010                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 2-2.5        | 1040                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 3-3.5        | 840                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 4-4.5        | 428                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 5-5.5        | 420                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 6-6.5        | 534                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 7-7.5        | 767                   |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
|           |             | 8-8.5        | 1840                  |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   | NA        |  |
| 9-9.5     | 3600        |              | NA                    |   | NA                |   | NA       |   | NA           |   | NA          |   | NA       |   | NA            |   | NA               |   | NA    |   | NA    |   | NA    |   |           |  |



TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
2017-2018 INITIAL SOIL ASSESSMENT - nOY1713048453  
CONOCOPHILLIPS  
KING TUT FEDERAL #003H  
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth | Chloride <sup>1</sup> |   | BTEX <sup>2</sup> |   |         |   |              |   |             |   |          |   |               |   |            |   | TPH <sup>3</sup> |   |       |   |       |   |           |   |
|-----------|-------------|--------------|-----------------------|---|-------------------|---|---------|---|--------------|---|-------------|---|----------|---|---------------|---|------------|---|------------------|---|-------|---|-------|---|-----------|---|
|           |             |              |                       |   | Benzene           |   | Toluene |   | Ethylbenzene |   | m,p-Xylenes |   | o-Xylene |   | Total Xylenes |   | Total BTEX |   | GRO              |   | DRO   |   | MRO   |   | Total TPH |   |
|           |             | 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 | mg/kg | Q | mg/kg | Q | mg/kg     | Q |
| AH-5      | 6/27/2018   | 0-1          | <b><i>2650</i></b>    |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 1-1.5        | <b><i>2590</i></b>    |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 2-2.5        | <b><i>3240</i></b>    |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 3-3.5        | <b><i>6070</i></b>    |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 4-4.5        | 3890                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 5-5.5        | 3280                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 6-6.5        | 2330                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 7-7.5        | 2540                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 8-8.5        | 2250                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 9-9.5        | 2670                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
| AH-6      | 6/27/2018   | 0-1          | 556                   |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 1-1.5        | <b><i>2270</i></b>    |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 2-2.5        | <b><i>2380</i></b>    |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 3-3.5        | <b><i>3340</i></b>    |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 4-4.5        | 4150                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 5-5.5        | 2020                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 6-6.5        | 508                   |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 7-7.5        | 1290                  |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |
|           |             | 8.5-9        | 684                   |   | NA                |   | NA      |   | NA           |   | NA          |   | NA       |   | NA            |   | NA         |   | NA               |   | NA    |   | NA    |   | NA        |   |

NOTES:  
ft. Feet  
bgs Below ground surface  
mg/kg Milligrams per kilogram  
TPH Total Petroleum Hydrocarbons  
GRO Gasoline range organics  
DRO Diesel range organics  
MRO Motor Oil range organics  
NA Sample not analyzed for parameter  
1 EPA Method 300.0  
2 EPA Method 8021B  
3 Method SW8015 Mod  
NA Sample not analyzed for parameter

QUALIFIERS:

Bold and italicized values indicate exceedance of proposed RRALs and/or Reclamation Requirements.

TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
2023 HORIZONTAL DELINEATION SOIL ASSESSMENT- nOY1713048453  
CONOCOPHILLIPS  
KING TUT FEDERAL #003H  
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth | Chloride <sup>1</sup> |   | BTEx <sup>2</sup> |   |         |   |              |   |               |   |            |   | TPH <sup>3</sup>                 |   |                                     |   |                                     |   |                                |  |
|-----------|-------------|--------------|-----------------------|---|-------------------|---|---------|---|--------------|---|---------------|---|------------|---|----------------------------------|---|-------------------------------------|---|-------------------------------------|---|--------------------------------|--|
|           |             |              |                       |   | Benzene           |   | Toluene |   | Ethylbenzene |   | Total Xylenes |   | Total BTEx |   | Gro                              |   | Dro                                 |   | Ext Dro                             |   | Total TPH<br>(Gro+Dro+Ext Dro) |  |
|           |             |              |                       |   |                   |   |         |   |              |   |               |   |            |   | C <sub>6</sub> - C <sub>10</sub> |   | > C <sub>10</sub> - C <sub>28</sub> |   | > C <sub>28</sub> - C <sub>36</sub> |   |                                |  |
|           |             | 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 | mg/kg                          |  |
| AH-23-1   | 5/5/2023    | 0-1          | 32.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-2   | 5/5/2023    | 0-1          | 16.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-3   | 5/5/2023    | 0-1          | 32.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-4   | 5/5/2023    | 0-1          | 16.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-5   | 5/5/2023    | 0-1          | 32.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-6   | 5/5/2023    | 0-1          | 16.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-7   | 5/5/2023    | 0-1          | 16.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-8   | 5/5/2023    | 0-1          | 32.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-9   | 5/5/2023    | 0-1          | 32.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-10  | 5/5/2023    | 0-1          | 32.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |
| AH-23-11  | 5/5/2023    | 0-1          | 16.0                  |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |  |

NOTES:

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

***Bold and italicized values indicate exceedance of proposed Remediation RRALs and/or Reclamation Requirements.***

TABLE 3  
SUMMARY OF ANALYTICAL RESULTS  
2023 VERTICAL DELINEATION SOIL ASSESSMENT- nOY1713048453  
CONOCOPHILLIPS  
KING TUT FEDERAL #003H  
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth | Chloride |   | BTEX <sup>2</sup> |   |         |   |              |   |               |   |            |   | TPH <sup>3</sup>                 |   |                                     |   |                                     |   |                                |
|-----------|-------------|--------------|----------|---|-------------------|---|---------|---|--------------|---|---------------|---|------------|---|----------------------------------|---|-------------------------------------|---|-------------------------------------|---|--------------------------------|
|           |             |              |          |   | Benzene           |   | Toluene |   | Ethylbenzene |   | Total Xylenes |   | Total BTEX |   | GRO                              |   | DRO                                 |   | EXT DRO                             |   | Total TPH<br>(GRO+DRO+EXT DRO) |
|           |             |              |          |   | mg/kg             | Q | mg/kg   | Q | mg/kg        | Q | mg/kg         | Q | mg/kg      | Q | C <sub>6</sub> - C <sub>10</sub> |   | > C <sub>10</sub> - C <sub>28</sub> |   | > C <sub>28</sub> - C <sub>36</sub> |   |                                |
|           |             | 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 | mg/kg                          |
| AH-23-12  | 9/7/2023    | 0-1          | 48.0     |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 1-2          | 48.0     |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 2-3          | 48.0     |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 3-4          | 2,480    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 4-5          | 192      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
| AH-23-13  | 9/7/2023    | 0-1          | 144      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 1-2          | 48.0     |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 2-3          | 64.0     |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 3-4          | 2,680    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 4-5          | 192      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
| AH-23-14  | 9/7/2023    | 0-1          | 1,550    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 1-2          | 1,390    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 2-3          | 880      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 3-4          | 2,640    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 4-5          | 448      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
| AH-23-15  | 9/7/2023    | 0-1          | 5,600    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 1-2          | 3,000    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 2-3          | 2,680    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 3-4          | 2,480    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 4-5          | 1,680    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
| AH-23-16  | 9/7/2023    | 0-1          | 5,040    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 1-2          | 2,840    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 2-3          | 3,200    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 3-4          | 2,640    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 4-5          | 1,550    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
| AH-23-17  | 9/7/2023    | 0-1          | 256      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 1-2          | 960      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 2-3          | 1,960    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 3-4          | 2,280    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 4-5          | 1,600    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
| AH-23-18  | 9/7/2023    | 0-1          | 256      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 1-2          | 912      |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 2-3          | 1,840    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 3-4          | 2,280    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 4-5          | 1,640    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
| AH-23-19  | 9/7/2023    | 0-1          | 1,920    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 1-2          | 2,080    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 2-3          | 2,480    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 3-4          | 1,800    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |
|           |             | 4-5          | 1,570    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |   | <10.0                               |   | <10.0                               |   | -                              |



TABLE 3  
SUMMARY OF ANALYTICAL RESULTS  
2023 VERTICAL DELINEATION SOIL ASSESSMENT- nOY1713048453  
CONOCOPHILLIPS  
KING TUT FEDERAL #003H  
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth                     | Chloride |                                     | BTEX <sup>2</sup> |                                     |         |   |              |   |               |   |            |   | TPH <sup>3</sup> |   |       |   |         |   |                                |  |
|-----------|-------------|----------------------------------|----------|-------------------------------------|-------------------|-------------------------------------|---------|---|--------------|---|---------------|---|------------|---|------------------|---|-------|---|---------|---|--------------------------------|--|
|           |             |                                  |          |                                     | Benzene           |                                     | Toluene |   | Ethylbenzene |   | Total Xylenes |   | Total BTEX |   | GRO              |   | DRO   |   | EXT DRO |   | Total TPH<br>(GRO+DRO+EXT DRO) |  |
|           |             | C <sub>6</sub> - C <sub>10</sub> |          | > C <sub>10</sub> - C <sub>28</sub> |                   | > C <sub>28</sub> - C <sub>36</sub> |         |   |              |   |               |   |            |   |                  |   |       |   |         |   |                                |  |
|           |             | 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 | mg/kg                          |  |
| AH-23-20  | 9/7/2023    | 0-1                              | <16.0    |                                     | <0.050            |                                     | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0            |   | <10.0 |   | <10.0   |   | -                              |  |
|           |             | 1-2                              | <16.0    |                                     | <0.050            |                                     | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0            |   | <10.0 |   | <10.0   |   | -                              |  |
|           |             | 2-3                              | 848      |                                     | <0.050            |                                     | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0            |   | <10.0 |   | <10.0   |   | -                              |  |
|           |             | 3-4                              | 560      |                                     | <0.050            |                                     | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0            |   | <10.0 |   | <10.0   |   | -                              |  |
|           |             | 4-5                              | 416      |                                     | <0.050            |                                     | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0            |   | <10.0 |   | <10.0   |   | -                              |  |

NOTES:

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

***Bold and italicized values indicate exceedance of proposed RRALs and/or Reclamation Requirements.***

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:



TABLE 4  
SUMMARY OF ANALYTICAL RESULTS  
SOIL REMEDIATION - nAB1905046526, nKL1630650239, nOY1713048453, nOY1721336457  
CONOCOPHILLIPS  
KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, WINDWARD FEDERAL #001H RELEASES  
LEA COUNTY, NEW MEXICO

| Sample ID  | Sample Date | Sample Depth | Chloride <sup>1</sup> |   | BTEX <sup>2</sup> |   |         |   |              |   |               |   |            |   | TPH <sup>3</sup>                 |  |                                     |  |                                     |  |                   |  |
|------------|-------------|--------------|-----------------------|---|-------------------|---|---------|---|--------------|---|---------------|---|------------|---|----------------------------------|--|-------------------------------------|--|-------------------------------------|--|-------------------|--|
|            |             |              |                       |   | Benzene           |   | Toluene |   | Ethylbenzene |   | Total Xylenes |   | Total BTEX |   | GRO                              |  | DRO                                 |  | EXT DRO                             |  | Total TPH         |  |
|            |             | ft. bgs      | mg/kg                 | Q | mg/kg             | Q | mg/kg   | Q | mg/kg        | Q | mg/kg         | Q | mg/kg      | Q | C <sub>6</sub> - C <sub>10</sub> |  | > C <sub>10</sub> - C <sub>28</sub> |  | > C <sub>28</sub> - C <sub>36</sub> |  | (GRO+DRO+EXT DRO) |  |
| FS-1       | 3/26/2024   | 4            | 144                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| FS-2       | 3/26/2024   | 4            | 80                    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| FS-3       | 3/26/2024   | 4            | 160                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| FS-4       | 3/27/2024   | 4            | 1,500                 |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| FS-5       | 3/27/2024   | 4            | 800                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| FS-6       | 3/27/2024   | 4            | 800                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| FS-7       | 3/27/2024   | 4            | 656                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| NSW-1      | 3/26/2024   | -            | 160                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | 305                                 |  | 254                                 |  | 559               |  |
| NSW-1 (2') | 3/28/2024   | -            | 144                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | 13.1                                |  | <10.0                               |  | 13.1              |  |
| NSW-2      | 3/27/2024   | -            | 48                    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| SSW-1      | 3/26/2024   | -            | 144                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| SSW-2      | 3/27/2024   | -            | 48                    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| ESW-1      | 3/26/2024   | -            | 144                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| ESW-2      | 3/27/2024   | -            | 48                    |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |
| WSW-1      | 3/26/2024   | -            | 144                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | 12.1                                |  | <10.0                               |  | 12.1              |  |
| WSW-2      | 3/27/2024   | -            | 304                   |   | <0.050            |   | <0.050  |   | <0.050       |   | <0.150        |   | <0.300     |   | <10.0                            |  | <10.0                               |  | <10.0                               |  | -                 |  |

## NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

***Bold and italicized values indicate exceedance of proposed Remediation RRLs and Reclamation Requirements.***

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

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

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

TABLE 5  
SUMMARY OF ANALYTICAL RESULTS  
TWIN WELLS BUCKTHORN PIT - SOIL BACKFILL  
CONOCOPHILLIPS  
32.152167°, -103.773445°  
LEA COUNTY, NM

| Sample ID            | Sample Date | Chloride <sup>1</sup>            |   | BTEX <sup>2</sup> |   |         |   |              |   |               |   |            |   | TPH <sup>3</sup>                    |   |                                     |   |                   |   |           |
|----------------------|-------------|----------------------------------|---|-------------------|---|---------|---|--------------|---|---------------|---|------------|---|-------------------------------------|---|-------------------------------------|---|-------------------|---|-----------|
|                      |             |                                  |   | Benzene           |   | Toluene |   | Ethylbenzene |   | Total Xylenes |   | Total BTEX |   | GRO                                 |   | DRO                                 |   | EXT DRO           |   | Total TPH |
|                      |             | C <sub>6</sub> - C <sub>10</sub> |   |                   |   |         |   |              |   |               |   |            |   | > C <sub>10</sub> - C <sub>28</sub> |   | > C <sub>28</sub> - C <sub>36</sub> |   | (GRO+DRO+EXT DRO) |   |           |
|                      |             | 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             |   |           |
| BACKFILL - COMPOSITE | 3/26/2024   | 16                               |   | <0.050            | Q | <0.050  | Q | <0.050       | Q | <0.150        | Q | <0.300     | Q | <10.0                               | Q | <10.0                               | Q | <10.0             | Q | -         |

## 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 SM4500Cl-B  
2 Method 8021B  
3 Method 8015M

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

Page 21 of 112  
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 August 8, 2011  
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: King Tut Federal 3H Battery          | Facility Type: Flowline    |                      |
| Surface Owner: Federal                              | Mineral Owner:             | API No. 30-025-41559 |

#### LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| D           | 30      | 24S      | 32E   | 190           | North            | 2200          | East           | Lea    |

Latitude 32.19457 Longitude -103.72105

#### NATURE OF RELEASE

|                                                                                                                                          |                                                       |                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------|
| Type of Release: Produced Water                                                                                                          | Volume of Release: 30 bbls                            | Volume Recovered: 25 bbls                       |
| Source of Release: Flowline                                                                                                              | Date and Hour of Occurrence: May 6, 2017 5:00 pm      | Date and Hour of Discovery: May 6, 2017 5:00 pm |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>Ms. Yu - NMOCD / Ms. Tucker - BLM |                                                 |
| By Whom? Dakota Neel                                                                                                                     | Date and Hour: May 6, 2017 9:26 pm                    |                                                 |
| 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.\*

Describe Cause of Problem and Remedial Action Taken.\*

The release was caused when a hole developed in the fiberspar flowline. The flowline was repaired.

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: Rebecca Haskell             | OIL CONSERVATION DIVISION                                                                                                   |                                              |
| Printed Name: Rebecca Haskell          | Approved by Environmental Specialist:  |                                              |
| Title: Senior HSE Coordinator          | Approval Date: 5/10/2017                                                                                                    | Expiration Date:                             |
| E-mail Address: rhaskell@concho.com    | Conditions of Approval: see attached directive                                                                              | Attached <input checked="" type="checkbox"/> |
| Date: May 10, 2017 Phone: 432-683-7443 |                                                                                                                             |                                              |

Attach Additional Sheets If Necessary

1RP-4696

nOY1713048453

pOY1713048839

|                |               |
|----------------|---------------|
| Incident ID    | nOY1713048453 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

|                                                                                                                                                                                                 |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release?                                                                                                           | >100 (ft bgs)                                                       |
| Did this release impact groundwater or surface water?                                                                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?                                                                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?                                                                                                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?                                                                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### **Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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



State of New Mexico  
Oil Conservation Division

Page 4

|                |               |
|----------------|---------------|
| Incident ID    | nOY1713048453 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

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

Printed Name: Ike Tavarez \_\_\_\_\_ Title: Program Manager, Remediation \_\_\_\_\_  
Signature:  \_\_\_\_\_ Date: 11/30/2023 \_\_\_\_\_  
email: Ike.Tavarez@conocophillips.com \_\_\_\_\_ Telephone: 432-685-2573 \_\_\_\_\_

**OCD Only**

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

|                |               |
|----------------|---------------|
| Incident ID    | nOY1713048453 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

## Remediation Plan

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

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

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

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

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

Printed Name: Ike Tavarez Title: Program Manager, Remediation  
Signature:  Date: 11/30/2023  
email: Ike.Tavarez@conocophillips.com Telephone: 432-685-2573

**OCD Only**

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

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

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

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

## Closure

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

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

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

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

## **APPENDIX B**

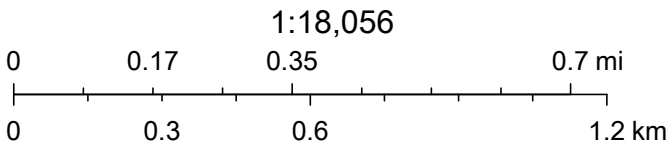
### **Site Characterization Data**



# OCD Waterbodies Locations



1/27/2023, 4:19:33 PM



Esri, HERE, Garmin, IPC, Maxar, NM OSE



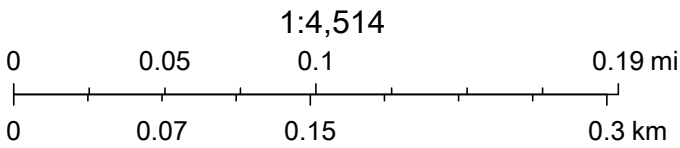
# OCD Potential Karst Map



1/27/2023, 3:52:04 PM

Karst Occurrence Potential

Low



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC, Maxar



# 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 04665</a> | CUB          | LE    |        | 1    | 1    | 2   | 30  | 24S | 32E | 621350 | 3562798 | 723      | 120        |             |              |

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 620631.2

**Northing (Y):** 3562717.58

**Radius:** 800

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.

5/18/23 7:33 AM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER





# 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 04665</a>      | CUB          | LE    |        | 1    | 1    | 2   | 30  | 24S | 32E | 621350 | 3562798 | 723      | 120        |             |              |
| <a href="#">C 04654 POD1</a> | CUB          | ED    |        | 3    | 3    | 4   | 25  | 24S | 31E | 619764 | 3561226 | 1724     | 55         |             |              |
| <a href="#">C 04636 POD1</a> | CUB          | ED    |        | 3    | 4    | 3   | 25  | 24S | 31E | 619200 | 3561279 | 2028     |            |             |              |
| <a href="#">C 04643 POD1</a> | C            | ED    |        | 4    | 2    | 2   | 05  | 23S | 27E | 619200 | 3561279 | 2028     | 305        | 135         | 170          |

Average Depth to Water: **135 feet**

Minimum Depth: **135 feet**

Maximum Depth: **135 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

**Easting (X):** 620631.2

**Northing (Y):** 3562717.58

**Radius:** 2500

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.

1/27/23 3:11 PM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

Released to Imaging: 4/19/2024 8:48:24 AM

## **APPENDIX C**

### **Regulatory Correspondence**

**Chavira, Lisbeth**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Wednesday, January 17, 2024 10:54 AM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 290142

**⚠ 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#) nOY1713048453, with the following conditions:

- **Remediation plan and variance request are conditionally approved. If the horizontal extents of the release remediation excavation extend beyond AH-23-12, AH-23-13, and AH-23-20; then these areas will need to be addressed at time of remediation as there are no horizontal delineation points that meet the most stringent closure criteria in the upper four feet east of AH-23-15 and the horizontal delineation points are 70+ feet west of AH-23-20.**
- **Wall samples along any 4 foot buffer area of buried pressurized lines will need to be collected and analyzed for all constituents listed in Table I.**
- **Submit a complete report through the OCD Permitting website by 4/17/2023.**

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



**From:** [Taylor, Shelly J](#)  
**To:** [Abbott, Sam](#)  
**Cc:** [Llull, Christian](#)  
**Subject:** Re: [EXTERNAL] FW: King Tut Federal #003H Release - nOY1713048453 - Remediation Work Plan  
**Date:** Wednesday, April 3, 2024 6:49:09 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)  
[image010.png](#)  
[Outlook-auglu0te.png](#)

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

To follow up with my verbal approval, you are authorized to begin remedial activities.

Respectfully,

*Shelly J Taylor*

Assistant Field Manager  
Lands & Minerals - Acting

Bureau of Land Management  
Pecos District/Roswell Field Office  
2909 W 2<sup>nd</sup> St  
Roswell, NM 88201

Direct 575.627.0250  
Mobile 575.200.0614  
[sjtaylor@blm.gov](mailto:sjtaylor@blm.gov)



---

**From:** Abbott, Sam <Sam.Abbott@tetrattech.com>  
**Sent:** Thursday, March 14, 2024 12:02 PM  
**To:** Taylor, Shelly J <sjtaylor@blm.gov>  
**Cc:** Llull, Christian <Christian.Llull@tetrattech.com>  
**Subject:** [EXTERNAL] FW: King Tut Federal #003H Release - nOY1713048453 - Remediation Work Plan

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

2/4

**Samantha Abbott, PG** | Project ManagerDirect Mobile +1 (512) 739-7874 | Business +1 (512) 338-1667 | [Sam.Abbott@tetrattech.com](mailto:Sam.Abbott@tetrattech.com)**Tetra Tech, Inc.** | *Leading with Science*® | OGA8911 N Capital of Texas Hwy #2310 | Austin, TX 78759 | [tetrattech.com](http://tetrattech.com)

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

---

**From:** Llull, Christian <Christian.Llull@tetrattech.com>**Sent:** Tuesday, February 6, 2024 11:31 AM**To:** Tucker, Shelly J <stucker@blm.gov>**Cc:** Abbott, Sam <Sam.Abbott@tetrattech.com>**Subject:** King Tut Federal #003H Release - nOY1713048453 - Remediation Work Plan

Shelly:

Attached for your review is the Remediation Work Plan for the King Tut Federal #003H Release - **nOY1713048453 (DOR 5/6/2017)**.

- *This WP has been approved by NMOCD.*
- Approval attached.
- There are 4 similar WPs that you will receive, the remedial action is the same for all 4 sites based on the combined assessment.
  - King Tut Federal #001H Release (nKL1630650239)
  - King Tut Federal #003H Release (nOY1713048453)
  - Windward Federal #001H (nOY1721336457)
  - King Tut Federal #001H Release (nAB1905046526)

**King Tut Federal #003H Release****Lea County, TX****Approximate Release Location:** 32.194551°, -103.720252°**Date Release Discovered:** May 6, 2017**Volume Released:** 30 bbls produced water**Volume Recovered:** 25 bbl produced water**Incident ID:** nOY1713048453**BACKGROUND:**

According to information provided, the release was caused by a hole that developed in a fiberspar flowline associated with the King Tut Federal #003H well.

- The King Tut Federal #003H release (nOY1713048453) footprint coincides with two additional flowline release incidents associated with the King Tut Federal #001H well (nKL1630650239) and the Windward Federal #001H well (nOY1721336457).
- Tetra Tech conducted the initial soil assessment on behalf of Concho in 2017 and 2018.
- Tetra Tech prepared a Closure Report on behalf of Concho dated November 7, 2018 summarizing the assessment sampling results.
  - Closure was requested due to safety concerns around the Plains Pipeline infrastructure and soil analytical results below the Site RRALs.
- The Closure Report was rejected by NMOCD on December 9, 2022, with the following comments:
  - *"Request for closure denied. Several sample locations are above the reclamation standard of 600 mg/kg for chloride in the upper 4 feet of the impacted area. If necessary, a deferral of the remediation and reclamation could be requested until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first. A deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water."*
  - *1RP-4696 closed. Refer to incident #nOY1713048453 in all future communication.*
  - *Please submit a complete report through the OCD Permitting website by 03/10/2023."*
- The NMOCD approved an individual request for a 90-day extension to June 10, 2023.

#### **ADDITIONAL ASSESSMENT:**

- Tetra Tech conducted additional soil sampling at the Site on May 5, 2023 to complete horizontal delineation of the release per NMOCD directive.
  - Eleven (11) hand auger borings (AH-23-1 through AH-23-11) were installed to 1 foot bgs along the perimeter of the release.
  - All analytical results were below the applicable Site RRALs.
- Based on a review of associated correspondence and the results of the March 2023 additional site assessment, Tetra Tech prepared a Revised Deferral Request dated May 26, 2023 for this release and submitted to the NMOCD on behalf of COP.
- The NMOCD denied the deferral request in an email dated June 6, 2023 with the following comments:
  - *"Deferral denied. There is another open incident for a release that occurred in the same area under incident #NAB1905046526. The release occurred on 2/8/2019. A closure request was submitted 7/22/2019 and subsequently denied by both the BLM and OCD on 8/15/2019. Per 19.15.29.12 C. (3) "The responsible party shall remediate the impacted surface area of a release not occurring on a lined, bermed or otherwise contained exploration, development, production or storage site to meet the standards of Table I of 19.15.29.12 NMAC or other applicable remediation standards and restore and reclaim the area pursuant to 19.15.29.13 NMAC." Remediation can take place by using hand hovels, hydrovac, etc. to safely remove contaminated soil around the pipelines. In-situ remediation can also be utilized as long as the remediation plan is approved by the OCD prior to implementation."*
  - *Submit a complete report through the OCD Permitting website by 9/6/2023."*

The Site then transferred to RMR and Tetra Tech conducted additional vertical delineation sampling to confirm the continued presence of surface soil impacts above the chloride reclamation limit (600 mg/kg).

- Tetra Tech conducted additional soil sampling at the Site on September 7, 2023 to complete vertical delineation of the combined release extent.
  - Nine (9) hand auger borings (AH-23-12 through AH-23-20) were installed to 5 feet bgs within the release extent.
  - All analytical results were below the applicable Site RRALs for subsurface (>4 feet bgs) soils.
  - Surface soils (0-4 feet bgs) were impacted with chlorides above the reclamation limit of 600 mg/kg at multiple locations.

**WORK PLAN:**

- Tetra Tech has prepared the attached Work Plan in accordance with the NMOCD deferral denial and the 2023 additional assessment sampling results.
  - Impacted surface soils in two areas (of borings AH-23-12, AH-23-13, and AH-23-20) were overlain by 2-3 feet of clean surface soils.
  - Therefore, a variance is requested to leave those soils in place.
- Impacted material within the release extent is proposed to be removed to a maximum depth of 4'.
  - The total proposed volume to be removed and disposed of is 560 cubic yards.
- Confirmation sampling is proposed on the default 200 sf grid. The proposed excavation area is approximately 3,775 feet.
- Once acceptable confirmation sample results are received the excavation will then be backfilled with clean material to surface grade.
- The seed mixture for LPC Sand/Shinnery Sites will be used for seeding.
- Remediation activities at the Site are proposed to begin within **90** days of plan approval.

Let me know what you think,

Christian

**Christian Llull, P.G.** | Program Manager  
Mobile +1 (512) 565-0190 | [christian.llull@tetratech.com](mailto:christian.llull@tetratech.com)

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

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**TETRA TECH**





**Chavira, Lisbeth**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Thursday, March 21, 2024 2:37 PM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 325645

**⚠ 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 received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nOY1713048453.

The sampling event is expected to take place:

**When:** 03/26/2024 @ 10:00

**Where:** D-30-24S-32E Lot: B 190 FNL 2200 FEL (32.1950798,-103.7123795)

**Additional Information:** Contact Sam Abbott at 512-417-5860

**Additional Instructions:** 32.194551°, -103.720252°

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

## **APPENDIX D**

# **Photographic Documentation**

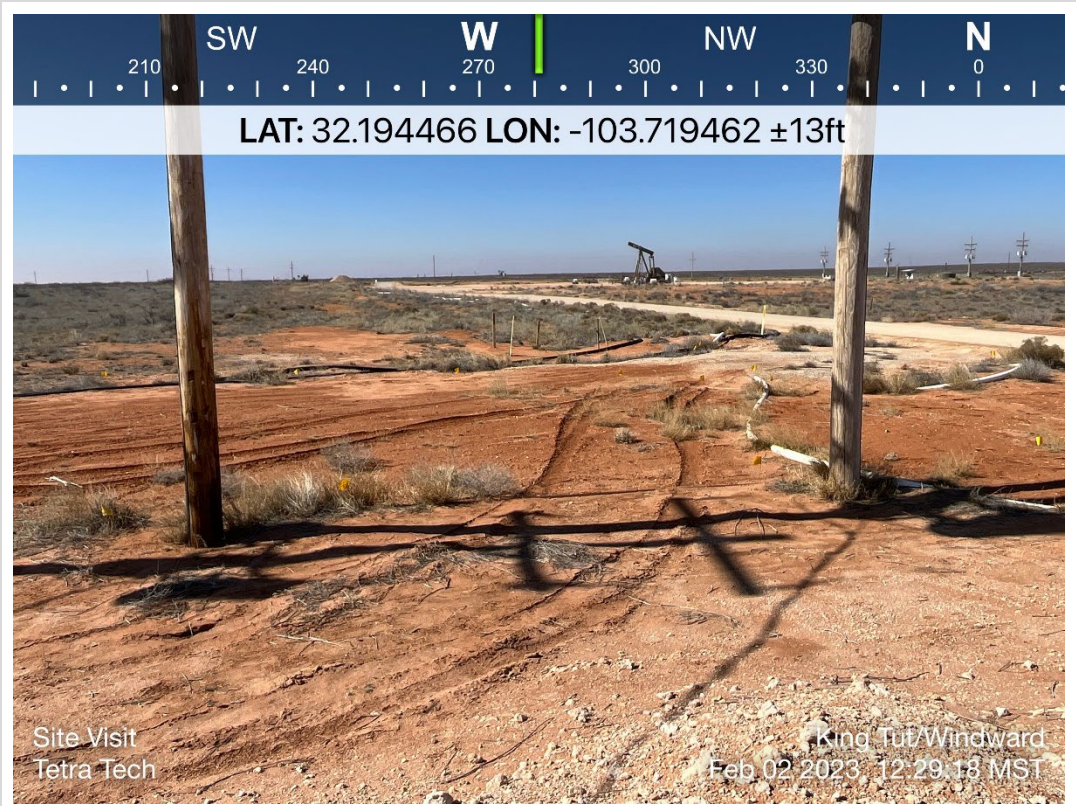


|                                                  |             |                                                                                                               |          |
|--------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View SW-W of release extent at the NW corner of pad. Vegetated towards lease road Surface poly-lines present. | 1        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases                             | 2/2/2023 |



|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View W of release extent and pipeline right-of-way.                               | 2        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 2/2/2023 |





|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View W of lease road and release extent from beneath overhead electrical lines.   | 3        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 2/2/2023 |

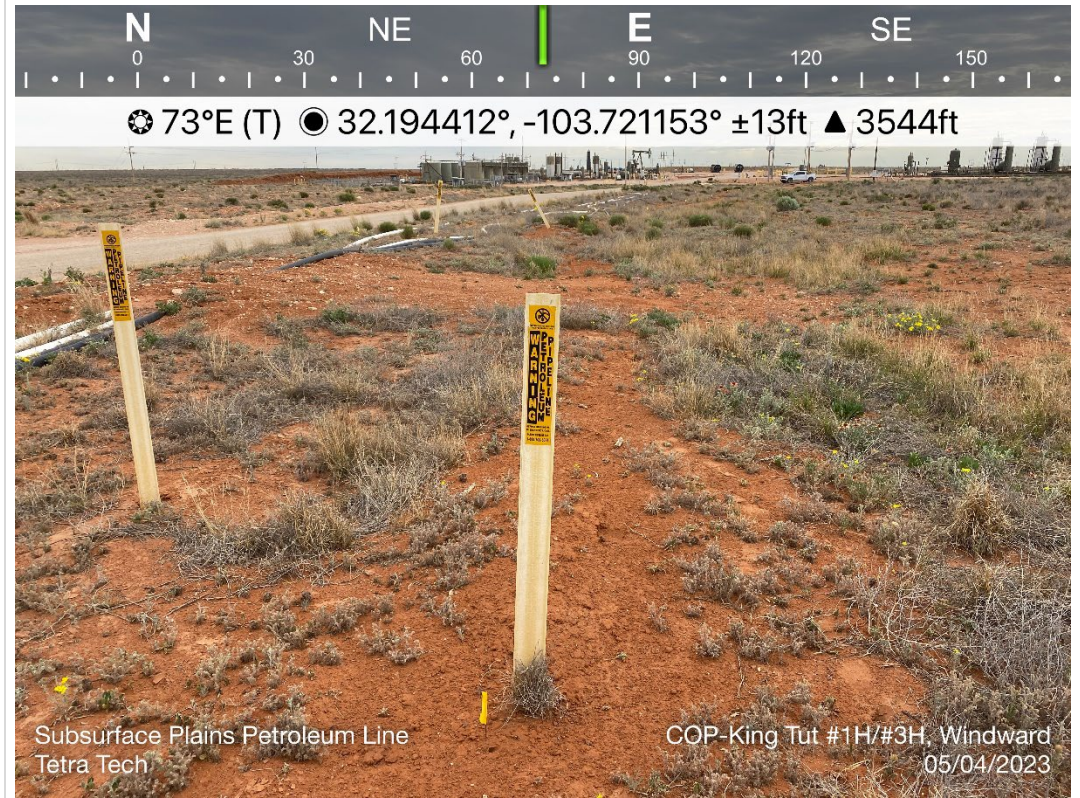


|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View W towards lease road.                                                        | 4        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 2/2/2023 |



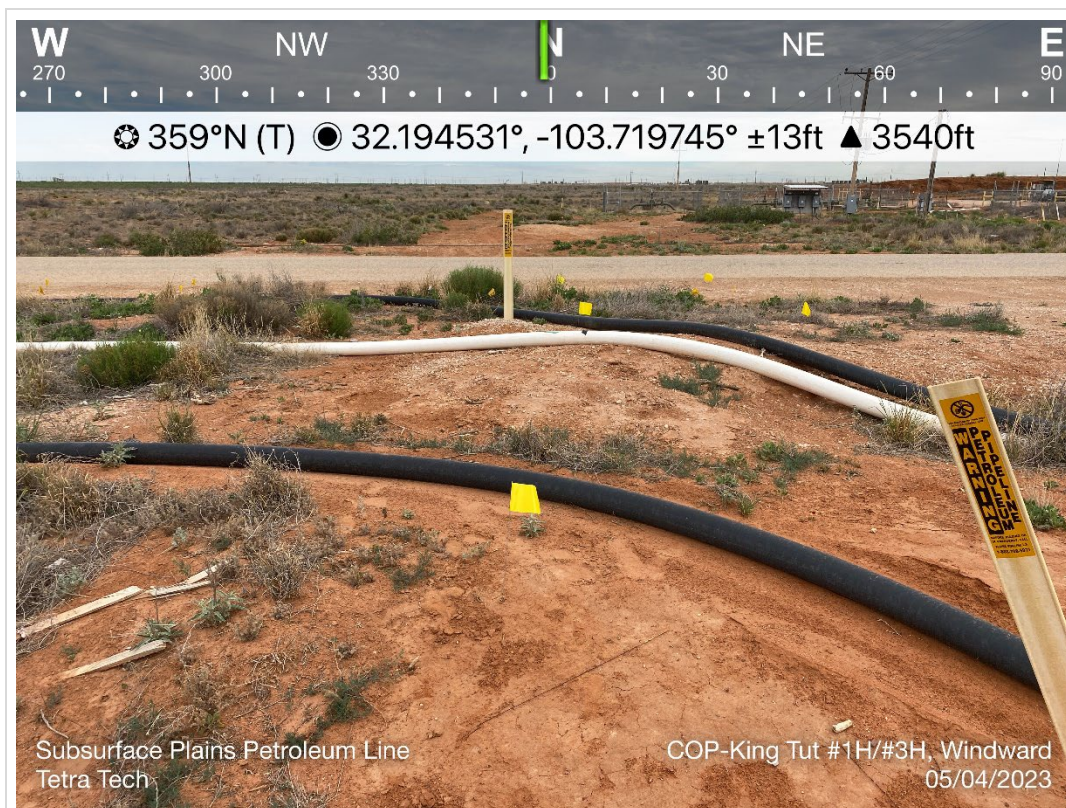


|                                                  |             |                                                                                       |          |
|--------------------------------------------------|-------------|---------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View west. View of historical release area. Surface poly lines and buried steel line. | 5        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases     | 5/4/2023 |



|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View northeast. View of surface lines. Vegetation present.                        | 6        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 5/4/2023 |



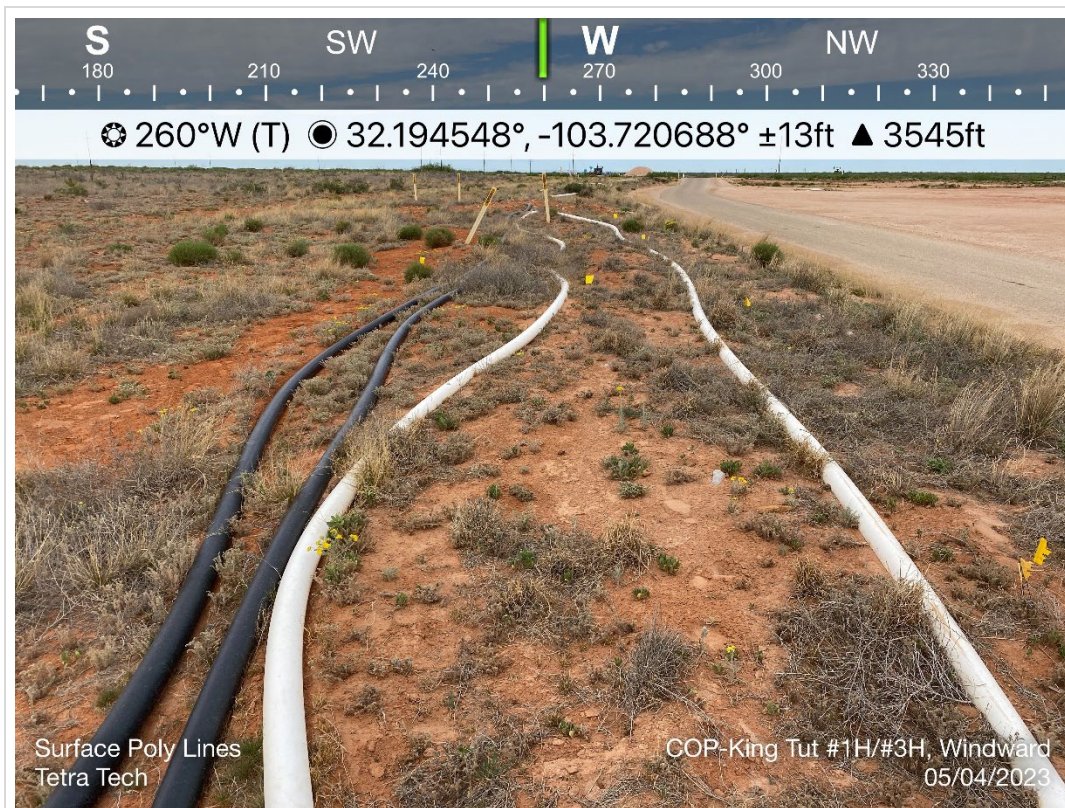


|                                                  |             |                                                                                      |          |
|--------------------------------------------------|-------------|--------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View north. View of surface poly lines.                                              | 7        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, &<br>WINDWARD FEDERAL #001H Releases | 5/4/2023 |



|                                                  |             |                                                                                                   |          |
|--------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View west. View of historical release area. View of<br>surface poly lines and vegetation present. | 8        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, &<br>WINDWARD FEDERAL #001H Releases              | 5/4/2023 |





|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View west. View of surface poly lines and area of historical release.             | 9        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 5/4/2023 |

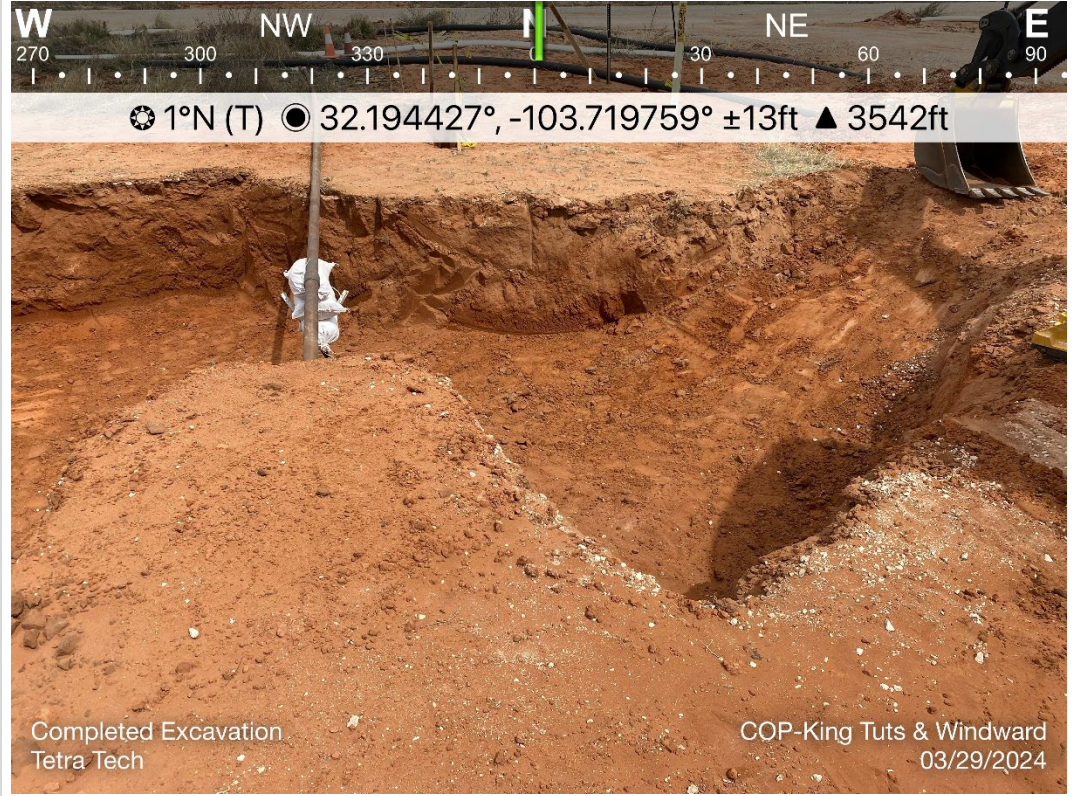


|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View southwest west. View surface poly lines and buried steel line.               | 10       |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 5/4/2023 |



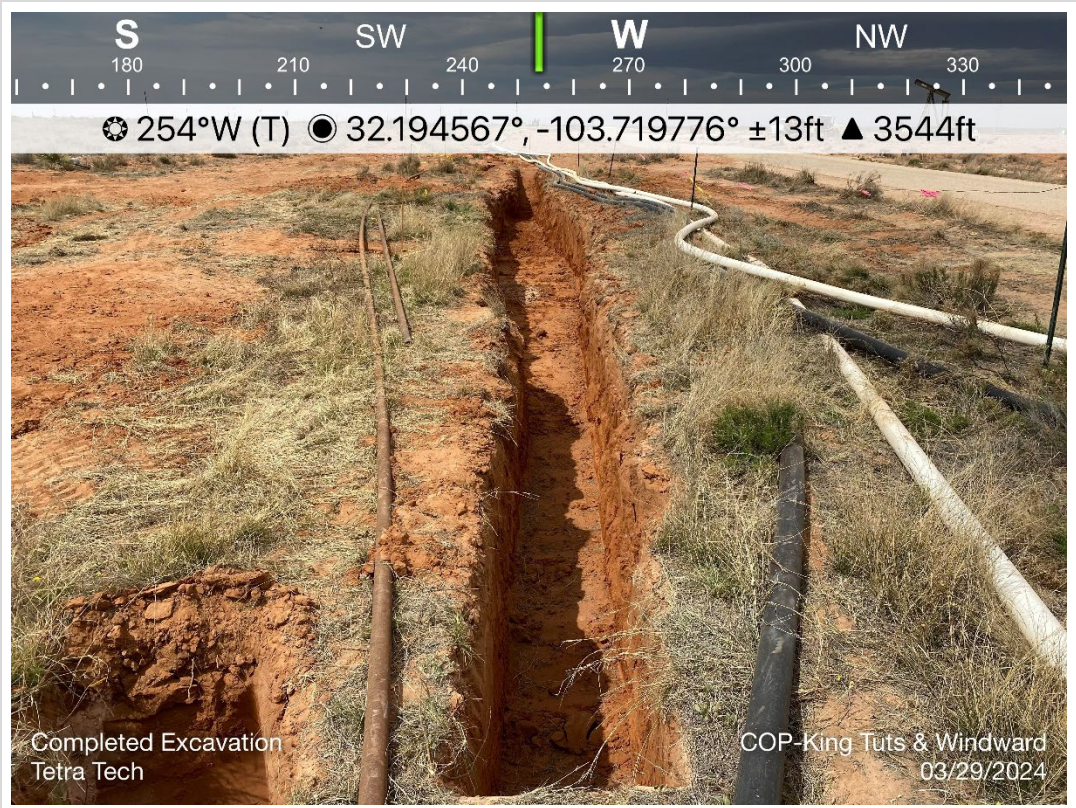


|                                                  |             |                                                                                      |           |
|--------------------------------------------------|-------------|--------------------------------------------------------------------------------------|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View west. View of excavated areas.                                                  | 11        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, &<br>WINDWARD FEDERAL #001H Releases | 3/29/2024 |



|                                                  |             |                                                                                      |           |
|--------------------------------------------------|-------------|--------------------------------------------------------------------------------------|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View north. View of excavation activities.                                           | 12        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, &<br>WINDWARD FEDERAL #001H Releases | 3/29/2024 |



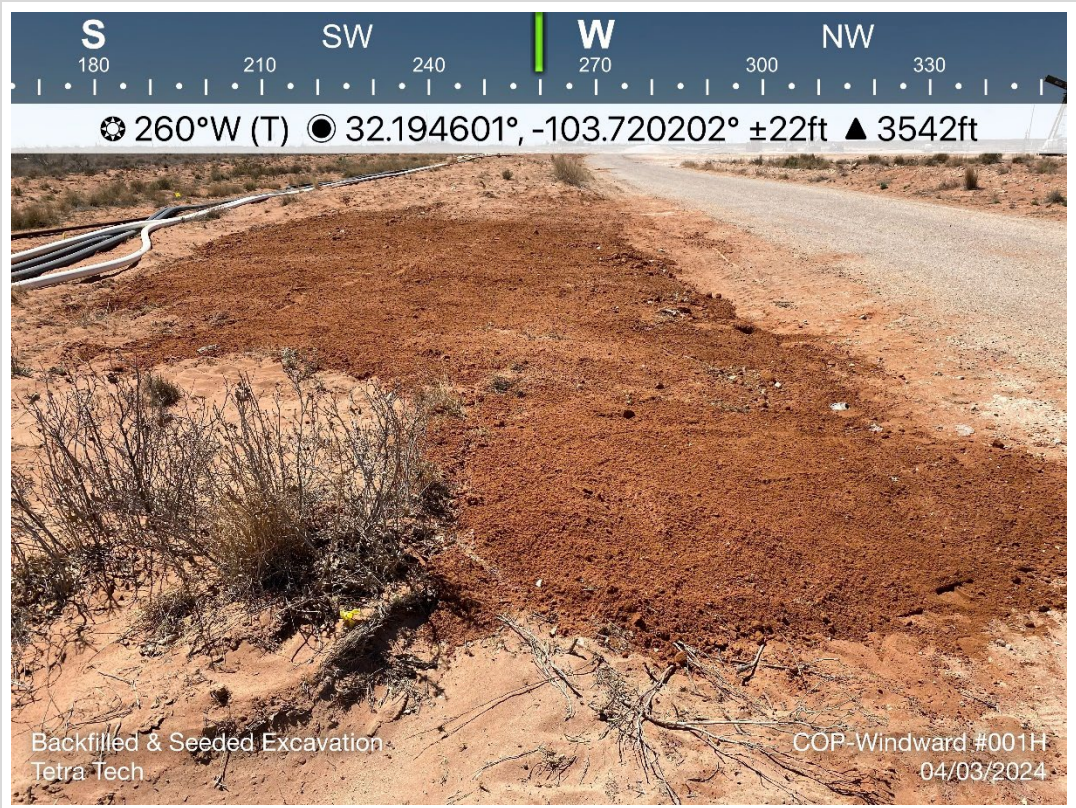


|                                                  |             |                                                                                   |           |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View west. View of excavation activities.                                         | 13        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 3/29/2024 |



|                                                  |             |                                                                                   |           |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View east. View of excavation activities.                                         | 14        |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 3/29/2024 |



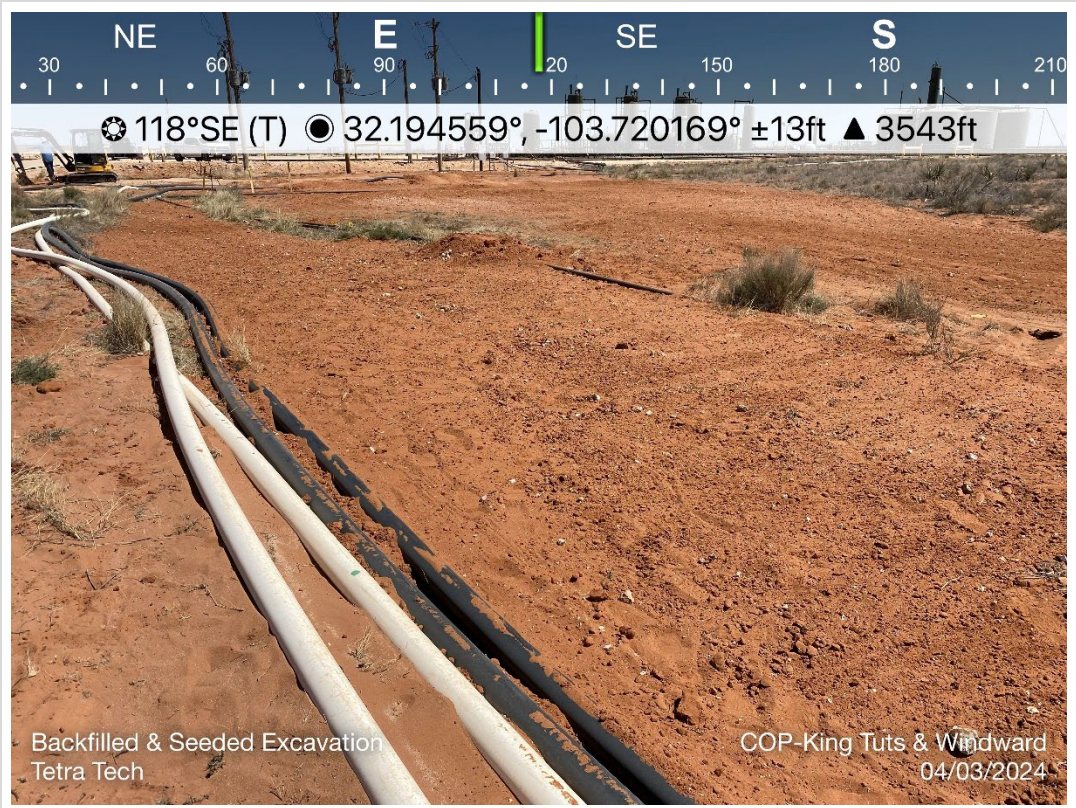


|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View west. View of backfilled and seeded excavation areas.                        | 15       |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 4/3/2024 |

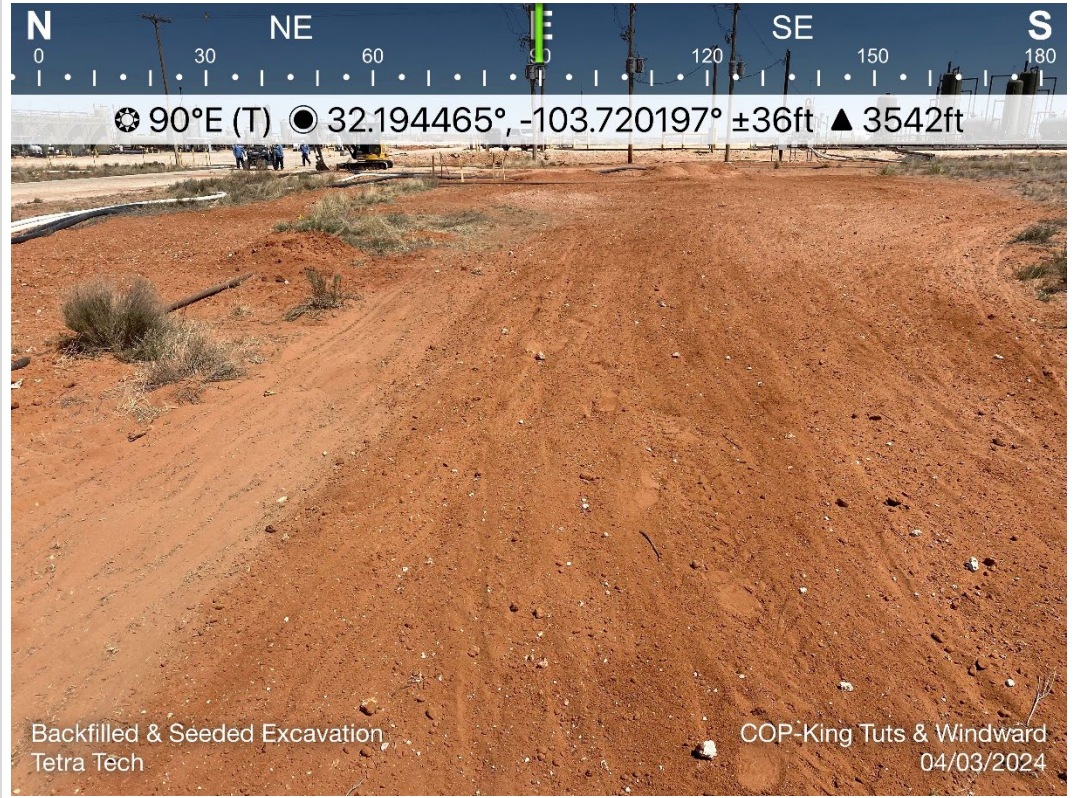


|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View east. View of backfilled and seeded excavated areas.                         | 16       |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 4/3/2024 |





|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View east southeast. View of backfilled and seeded excavated areas.               | 17       |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 4/3/2024 |



|                                                  |             |                                                                                   |          |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02999 | DESCRIPTION | View east. View of backfilled and seeded excavated areas.                         | 18       |
|                                                  | SITE NAME   | KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases | 4/3/2024 |

## **APPENDIX E**

### **Laboratory Analytical Data**





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

March 27, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: KING TUT(S) & WINDWARD FED RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/26/24 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/26/2024                         | Sampling Date:      | 03/26/2024     |
| Reported:         | 03/27/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: FS - 1 (H241558-01)**

| 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           | 03/26/2024 | ND              | 2.24 | 112        | 2.00          | 0.883 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.19 | 109        | 2.00          | 0.961 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/26/2024 | ND              | 2.14 | 107        | 2.00          | 1.01  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/26/2024 | ND              | 6.23 | 104        | 6.00          | 1.07  |           |  |
| Total BTX      | <0.300 | 0.300           | 03/26/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 03/27/2024 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/27/2024 | ND              | 204 | 102        | 200           | 0.241 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 210 | 105        | 200           | 1.40  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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  
 SAM ABBOTT  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/26/2024                         | Sampling Date:      | 03/26/2024     |
| Reported:         | 03/27/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: FS - 2 (H241558-02)**

| 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           | 03/26/2024 | ND              | 2.24 | 112        | 2.00          | 0.883 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.19 | 109        | 2.00          | 0.961 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/26/2024 | ND              | 2.14 | 107        | 2.00          | 1.01  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/26/2024 | ND              | 6.23 | 104        | 6.00          | 1.07  |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/26/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 03/27/2024 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/27/2024 | ND              | 204 | 102        | 200           | 0.241 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 210 | 105        | 200           | 1.40  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/26/2024                         | Sampling Date:      | 03/26/2024     |
| Reported:         | 03/27/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: FS - 3 (H241558-03)**

| 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           | 03/26/2024 | ND              | 2.24 | 112        | 2.00          | 0.883 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.19 | 109        | 2.00          | 0.961 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/26/2024 | ND              | 2.14 | 107        | 2.00          | 1.01  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/26/2024 | ND              | 6.23 | 104        | 6.00          | 1.07  |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/26/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 160    | 16.0            | 03/27/2024 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/27/2024 | ND              | 204 | 102        | 200           | 0.241 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 210 | 105        | 200           | 1.40  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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  
 SAM ABBOTT  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/26/2024                         | Sampling Date:      | 03/26/2024     |
| Reported:         | 03/27/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: NSW - 1 (H241558-04)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.24 | 112        | 2.00          | 0.883 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.19 | 109        | 2.00          | 0.961 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/26/2024 | ND              | 2.14 | 107        | 2.00          | 1.01  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/26/2024 | ND              | 6.23 | 104        | 6.00          | 1.07  |           |  |
| Total BTX      | <0.300 | 0.300           | 03/26/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 160    | 16.0            | 03/27/2024 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/27/2024 | ND              | 204 | 102        | 200           | 0.241 |           |
| DRO >C10-C28*    | 305    | 10.0            | 03/27/2024 | ND              | 210 | 105        | 200           | 1.40  |           |
| EXT DRO >C28-C36 | 254    | 10.0            | 03/27/2024 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/26/2024                         | Sampling Date:      | 03/26/2024     |
| Reported:         | 03/27/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: SSW - 1 (H241558-05)**

| 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           | 03/26/2024 | ND              | 2.24 | 112        | 2.00          | 0.883 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.19 | 109        | 2.00          | 0.961 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/26/2024 | ND              | 2.14 | 107        | 2.00          | 1.01  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/26/2024 | ND              | 6.23 | 104        | 6.00          | 1.07  |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/26/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 03/27/2024 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/27/2024 | ND              | 204 | 102        | 200           | 0.241 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 210 | 105        | 200           | 1.40  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/26/2024                         | Sampling Date:      | 03/26/2024     |
| Reported:         | 03/27/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: ESW - 1 (H241558-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.24 | 112        | 2.00          | 0.883 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.19 | 109        | 2.00          | 0.961 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/26/2024 | ND              | 2.14 | 107        | 2.00          | 1.01  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/26/2024 | ND              | 6.23 | 104        | 6.00          | 1.07  |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/26/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 03/27/2024 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/27/2024 | ND              | 204 | 102        | 200           | 0.241 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 210 | 105        | 200           | 1.40  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/26/2024                         | Sampling Date:      | 03/26/2024     |
| Reported:         | 03/27/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: WSW - 1 (H241558-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.24 | 112        | 2.00          | 0.883 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.19 | 109        | 2.00          | 0.961 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/26/2024 | ND              | 2.14 | 107        | 2.00          | 1.01  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/26/2024 | ND              | 6.23 | 104        | 6.00          | 1.07  |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/26/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 03/27/2024 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/27/2024 | ND              | 204 | 102        | 200           | 0.241 |           |
| DRO >C10-C28*    | 12.1   | 10.0            | 03/27/2024 | ND              | 210 | 105        | 200           | 1.40  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 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  
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





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

|                                                       |  |                               |  |                  |  |
|-------------------------------------------------------|--|-------------------------------|--|------------------|--|
| Company Name: Tetra Tech                              |  | P.O. #:                       |  | ANALYSIS REQUEST |  |
| Project Manager: Sam Abbott                           |  | Company: Tetra Tech           |  |                  |  |
| Address: 8911 Capital o Texas Hwy, Suite 2310         |  | Attn: Sam Abbott              |  |                  |  |
| City: Austin                                          |  | Address: EMAIL                |  |                  |  |
| Phone #: (512)565-0190                                |  | Fax #:                        |  |                  |  |
| Project #: 212C-MD-02999A                             |  | Project Owner: ConocoPhillips |  |                  |  |
| Project Name: King Tut(s) & Windward Federal Releases |  | State: Zip:                   |  |                  |  |
| Project Location: Lea County, New Mexico              |  | Phone #: Fax #:               |  |                  |  |
| Sampler Name: Colton Bickerstaff                      |  | PRESERV. SAMPLING             |  |                  |  |
| FOR LAB USE ONLY                                      |  |                               |  |                  |  |
| Lab I.D.                                              |  |                               |  |                  |  |
| Sample I.D.                                           |  |                               |  |                  |  |
| (G)RAB OR (C)OMP.                                     |  | # CONTAINERS                  |  |                  |  |
| GROUNDWATER                                           |  | WASTEWATER                    |  |                  |  |
| SOIL                                                  |  | OIL                           |  |                  |  |
| SLUDGE                                                |  | OTHER : ACID/BASE:            |  |                  |  |
| ICE / COOL                                            |  | OTHER :                       |  |                  |  |
| DATE                                                  |  | TIME                          |  |                  |  |
| TPH 8015M                                             |  | BTEx 8021B                    |  |                  |  |
| Chloride SM4500CI-B                                   |  |                               |  |                  |  |
| RUSH                                                  |  |                               |  |                  |  |
| 1 PS-1                                                |  | G 1                           |  | X                |  |
| 2 PS-2                                                |  | G 1                           |  | X                |  |
| 3 PS-3                                                |  | G 1                           |  | X                |  |
| 4 NSW-1                                               |  | G 1                           |  | X                |  |
| 5 SSW-1                                               |  | G 1                           |  | X                |  |
| 6 ESW-1                                               |  | G 1                           |  | X                |  |
| 7 WSW-1                                               |  | G 1                           |  | X                |  |
| 8 WSW-1                                               |  | G 1                           |  | X                |  |
| 9 WSW-1                                               |  | G 1                           |  | X                |  |
| 10 WSW-1                                              |  | G 1                           |  | X                |  |
| 11 WSW-1                                              |  | G 1                           |  | X                |  |
| 12 WSW-1                                              |  | G 1                           |  | X                |  |
| 13 WSW-1                                              |  | G 1                           |  | X                |  |
| 14 WSW-1                                              |  | G 1                           |  | X                |  |
| 15 WSW-1                                              |  | G 1                           |  | X                |  |
| 16 WSW-1                                              |  | G 1                           |  | X                |  |
| 17 WSW-1                                              |  | G 1                           |  | X                |  |
| 18 WSW-1                                              |  | G 1                           |  | X                |  |
| 19 WSW-1                                              |  | G 1                           |  | X                |  |
| 20 WSW-1                                              |  | G 1                           |  | X                |  |
| 21 WSW-1                                              |  | G 1                           |  | X                |  |
| 22 WSW-1                                              |  | G 1                           |  | X                |  |
| 23 WSW-1                                              |  | G 1                           |  | X                |  |
| 24 WSW-1                                              |  | G 1                           |  | X                |  |
| 25 WSW-1                                              |  | G 1                           |  | X                |  |
| 26 WSW-1                                              |  | G 1                           |  | X                |  |
| 27 WSW-1                                              |  | G 1                           |  | X                |  |
| 28 WSW-1                                              |  | G 1                           |  | X                |  |
| 29 WSW-1                                              |  | G 1                           |  | X                |  |
| 30 WSW-1                                              |  | G 1                           |  | X                |  |
| 31 WSW-1                                              |  | G 1                           |  | X                |  |
| 32 WSW-1                                              |  | G 1                           |  | X                |  |
| 33 WSW-1                                              |  | G 1                           |  | X                |  |
| 34 WSW-1                                              |  | G 1                           |  | X                |  |
| 35 WSW-1                                              |  | G 1                           |  | X                |  |
| 36 WSW-1                                              |  | G 1                           |  | X                |  |
| 37 WSW-1                                              |  | G 1                           |  | X                |  |
| 38 WSW-1                                              |  | G 1                           |  | X                |  |
| 39 WSW-1                                              |  | G 1                           |  | X                |  |
| 40 WSW-1                                              |  | G 1                           |  | X                |  |
| 41 WSW-1                                              |  | G 1                           |  | X                |  |
| 42 WSW-1                                              |  | G 1                           |  | X                |  |
| 43 WSW-1                                              |  | G 1                           |  | X                |  |
| 44 WSW-1                                              |  | G 1                           |  | X                |  |
| 45 WSW-1                                              |  | G 1                           |  | X                |  |
| 46 WSW-1                                              |  | G 1                           |  | X                |  |
| 47 WSW-1                                              |  | G 1                           |  | X                |  |
| 48 WSW-1                                              |  | G 1                           |  | X                |  |
| 49 WSW-1                                              |  | G 1                           |  | X                |  |
| 50 WSW-1                                              |  | G 1                           |  | X                |  |
| 51 WSW-1                                              |  | G 1                           |  | X                |  |
| 52 WSW-1                                              |  | G 1                           |  | X                |  |
| 53 WSW-1                                              |  | G 1                           |  | X                |  |
| 54 WSW-1                                              |  | G 1                           |  | X                |  |
| 55 WSW-1                                              |  | G 1                           |  | X                |  |
| 56 WSW-1                                              |  | G 1                           |  | X                |  |
| 57 WSW-1                                              |  | G 1                           |  | X                |  |
| 58 WSW-1                                              |  | G 1                           |  | X                |  |
| 59 WSW-1                                              |  | G 1                           |  | X                |  |
| 60 WSW-1                                              |  | G 1                           |  | X                |  |
| 61 WSW-1                                              |  | G 1                           |  | X                |  |
| 62 WSW-1                                              |  | G 1                           |  | X                |  |
| 63 WSW-1                                              |  | G 1                           |  | X                |  |
| 64 WSW-1                                              |  | G 1                           |  | X                |  |
| 65 WSW-1                                              |  | G 1                           |  | X                |  |
| 66 WSW-1                                              |  | G 1                           |  | X                |  |
| 67 WSW-1                                              |  | G 1                           |  | X                |  |
| 68 WSW-1                                              |  | G 1                           |  | X                |  |
| 69 WSW-1                                              |  | G 1                           |  | X                |  |
| 70 WSW-1                                              |  | G 1                           |  | X                |  |
| 71 WSW-1                                              |  | G 1                           |  | X                |  |
| 72 WSW-1                                              |  | G 1                           |  | X                |  |
| 73 WSW-1                                              |  | G 1                           |  | X                |  |
| 74 WSW-1                                              |  | G 1                           |  | X                |  |
| 75 WSW-1                                              |  | G 1                           |  | X                |  |
| 76 WSW-1                                              |  | G 1                           |  | X                |  |
| 77 WSW-1                                              |  | G 1                           |  | X                |  |
| 78 WSW-1                                              |  | G 1                           |  | X                |  |
| 79 WSW-1                                              |  | G 1                           |  | X                |  |
| 80 WSW-1                                              |  | G 1                           |  | X                |  |
| 81 WSW-1                                              |  | G 1                           |  | X                |  |
| 82 WSW-1                                              |  | G 1                           |  | X                |  |
| 83 WSW-1                                              |  | G 1                           |  | X                |  |
| 84 WSW-1                                              |  | G 1                           |  | X                |  |
| 85 WSW-1                                              |  | G 1                           |  | X                |  |
| 86 WSW-1                                              |  | G 1                           |  | X                |  |
| 87 WSW-1                                              |  | G 1                           |  | X                |  |
| 88 WSW-1                                              |  | G 1                           |  | X                |  |
| 89 WSW-1                                              |  | G 1                           |  | X                |  |
| 90 WSW-1                                              |  | G 1                           |  | X                |  |
| 91 WSW-1                                              |  | G 1                           |  | X                |  |
| 92 WSW-1                                              |  | G 1                           |  | X                |  |
| 93 WSW-1                                              |  | G 1                           |  | X                |  |
| 94 WSW-1                                              |  | G 1                           |  | X                |  |
| 95 WSW-1                                              |  | G 1                           |  | X                |  |
| 96 WSW-1                                              |  | G 1                           |  | X                |  |
| 97 WSW-1                                              |  | G 1                           |  | X                |  |
| 98 WSW-1                                              |  | G 1                           |  | X                |  |
| 99 WSW-1                                              |  | G 1                           |  | X                |  |
| 100 WSW-1                                             |  | G 1                           |  | X                |  |
| 101 WSW-1                                             |  | G 1                           |  | X                |  |
| 102 WSW-1                                             |  | G 1                           |  | X                |  |
| 103 WSW-1                                             |  | G 1                           |  | X                |  |
| 104 WSW-1                                             |  | G 1                           |  | X                |  |
| 105 WSW-1                                             |  | G 1                           |  | X                |  |
| 106 WSW-1                                             |  | G 1                           |  | X                |  |
| 107 WSW-1                                             |  | G 1                           |  | X                |  |
| 108 WSW-1                                             |  | G 1                           |  | X                |  |
| 109 WSW-1                                             |  | G 1                           |  | X                |  |
| 110 WSW-1                                             |  | G 1                           |  | X                |  |
| 111 WSW-1                                             |  | G 1                           |  | X                |  |
| 112 WSW-1                                             |  | G 1                           |  | X                |  |
| 113 WSW-1                                             |  | G 1                           |  | X                |  |
| 114 WSW-1                                             |  | G 1                           |  | X                |  |
| 115 WSW-1                                             |  | G 1                           |  | X                |  |
| 116 WSW-1                                             |  | G 1                           |  | X                |  |
| 117 WSW-1                                             |  | G 1                           |  | X                |  |
| 118 WSW-1                                             |  | G 1                           |  | X                |  |
| 119 WSW-1                                             |  | G 1                           |  | X                |  |
| 120 WSW-1                                             |  | G 1                           |  | X                |  |
| 121 WSW-1                                             |  | G 1                           |  | X                |  |
| 122 WSW-1                                             |  | G 1                           |  | X                |  |
| 123 WSW-1                                             |  | G 1                           |  | X                |  |
| 124 WSW-1                                             |  | G 1                           |  | X                |  |
| 125 WSW-1                                             |  | G 1                           |  | X                |  |
| 126 WSW-1                                             |  | G 1                           |  | X                |  |
| 127 WSW-1                                             |  | G 1                           |  | X                |  |
| 128 WSW-1                                             |  | G 1                           |  | X                |  |
| 129 WSW-1                                             |  | G 1                           |  | X                |  |
| 130 WSW-1                                             |  | G 1                           |  | X                |  |
| 131 WSW-1                                             |  | G 1                           |  | X                |  |
| 132 WSW-1                                             |  | G 1                           |  | X                |  |
| 133 WSW-1                                             |  | G 1                           |  | X                |  |
| 134 WSW-1                                             |  | G 1                           |  | X                |  |
| 135 WSW-1                                             |  | G 1                           |  | X                |  |
| 136 WSW-1                                             |  | G 1                           |  | X                |  |
| 137 WSW-1                                             |  | G 1                           |  | X                |  |
| 138 WSW-1                                             |  | G 1                           |  | X                |  |
| 139 WSW-1                                             |  | G 1                           |  | X                |  |
| 140 WSW-1                                             |  | G 1                           |  | X                |  |
| 141 WSW-1                                             |  | G 1                           |  | X                |  |
| 142 WSW-1                                             |  | G 1                           |  | X                |  |
| 143 WSW-1                                             |  | G 1                           |  | X                |  |
| 144 WSW-1                                             |  | G 1                           |  | X                |  |
| 145 WSW-1                                             |  | G 1                           |  | X                |  |
| 146 WSW-1                                             |  | G 1                           |  | X                |  |
| 147 WSW-1                                             |  | G 1                           |  | X                |  |
| 148 WSW-1                                             |  | G 1                           |  | X                |  |
| 149 WSW-1                                             |  | G 1                           |  | X                |  |
| 150 WSW-1                                             |  | G 1                           |  | X                |  |
| 151 WSW-1                                             |  | G 1                           |  | X                |  |
| 152 WSW-1                                             |  | G 1                           |  | X                |  |
| 153 WSW-1                                             |  | G 1                           |  | X                |  |
| 154 WSW-1                                             |  | G 1                           |  | X                |  |
| 155 WSW-1                                             |  | G 1                           |  | X                |  |
| 156 WSW-1                                             |  | G 1                           |  | X                |  |
| 157 WSW-1                                             |  | G 1                           |  | X                |  |
| 158 WSW-1                                             |  | G 1                           |  | X                |  |
| 159 WSW-1                                             |  | G 1                           |  | X                |  |
| 160 WSW-1                                             |  | G 1                           |  | X                |  |
| 161 WSW-1                                             |  | G 1                           |  | X                |  |
| 162 WSW-1                                             |  | G 1                           |  | X                |  |
| 163 WSW-1                                             |  | G 1                           |  | X                |  |
| 164 WSW-1                                             |  | G 1                           |  | X                |  |
| 165 WSW-1                                             |  | G 1                           |  | X                |  |
| 166 WSW-1                                             |  | G 1                           |  | X                |  |
| 167 WSW-1                                             |  | G 1                           |  | X                |  |
| 168 WSW-1                                             |  | G 1                           |  | X                |  |
| 169 WSW-1                                             |  | G 1                           |  | X                |  |
| 170 WSW-1                                             |  | G 1                           |  | X                |  |
| 171 WSW-1                                             |  | G 1                           |  | X                |  |
| 172 WSW-1                                             |  | G 1                           |  | X                |  |
| 173 WSW-1                                             |  | G 1                           |  | X                |  |
| 174 WSW-1                                             |  | G 1                           |  | X                |  |
| 175 WSW-1                                             |  | G 1                           |  | X                |  |
| 176 WSW-1                                             |  | G 1                           |  | X                |  |
| 177 WSW-1                                             |  | G 1                           |  | X                |  |
| 178 WSW-1                                             |  | G 1                           |  | X                |  |
| 179 WSW-1                                             |  | G 1                           |  | X                |  |
| 180 WSW-1                                             |  | G 1                           |  | X                |  |
| 181 WSW-1                                             |  | G 1                           |  | X                |  |
| 182 WSW-1                                             |  | G 1                           |  | X                |  |
| 183 WSW-1                                             |  | G 1                           |  | X                |  |
| 184 WSW-1                                             |  | G 1                           |  | X                |  |
| 185 WSW-1                                             |  | G 1                           |  | X                |  |
| 186 WSW-1                                             |  | G 1                           |  | X                |  |
| 187 WSW-1                                             |  | G 1                           |  | X                |  |
| 188 WSW-1                                             |  | G 1                           |  | X                |  |
| 189 WSW-1                                             |  | G 1                           |  | X                |  |
| 190 WSW-1                                             |  | G 1                           |  | X                |  |
| 191 WSW-1                                             |  | G 1                           |  | X                |  |
| 192 WSW-1                                             |  | G 1                           |  | X                |  |
| 193 WSW-1                                             |  | G 1                           |  | X                |  |
| 194 WSW-1                                             |  | G 1                           |  | X                |  |
| 195 WSW-1                                             |  | G 1                           |  | X                |  |
| 196 WSW-1                                             |  | G 1                           |  | X                |  |
| 197 WSW-1                                             |  | G 1                           |  | X                |  |
| 198 WSW-1                                             |  | G 1                           |  | X                |  |
| 199 WSW-1                                             |  | G 1                           |  | X                |  |
| 200 WSW-1                                             |  | G 1                           |  | X                |  |
| 201 WSW-1                                             |  | G 1                           |  | X                |  |
| 202 WSW-1                                             |  | G 1                           |  | X                |  |
| 203 WSW-1                                             |  | G 1                           |  | X                |  |
| 204 WSW-1                                             |  | G 1                           |  | X                |  |
| 205 WSW-1                                             |  | G 1                           |  | X                |  |
| 206 WSW-1                                             |  | G 1                           |  | X                |  |
| 207 WSW-1                                             |  | G 1                           |  | X                |  |
| 208 WSW-1                                             |  | G 1                           |  | X                |  |
| 209 WSW-1                                             |  | G 1                           |  | X                |  |
| 210 WSW-1                                             |  | G 1                           |  | X                |  |
| 211 WSW-1                                             |  | G 1                           |  | X                |  |
| 212 WSW-1                                             |  | G 1                           |  | X                |  |
| 213 WSW-1                                             |  | G 1                           |  | X                |  |
| 214 WSW-1                                             |  | G 1                           |  | X                |  |
| 215 WSW-1                                             |  | G 1                           |  | X                |  |
| 216 WSW-1                                             |  | G 1                           |  | X                |  |
| 217 WSW-1                                             |  | G 1                           |  | X                |  |
| 218 WSW-1                                             |  | G 1                           |  | X                |  |
| 219 WSW-1                                             |  | G 1                           |  | X                |  |
| 220 WSW-1                                             |  | G 1                           |  | X                |  |
| 221 WSW-1                                             |  | G 1                           |  | X                |  |
| 222 WSW-1                                             |  | G 1                           |  | X                |  |
| 223 WSW-1                                             |  | G 1                           |  | X                |  |
| 224 WSW-1                                             |  | G 1                           |  | X                |  |
| 225 WSW-1                                             |  | G 1                           |  | X                |  |
| 226 WSW-1                                             |  | G 1                           |  | X                |  |
| 227 WSW-1                                             |  | G 1                           |  | X                |  |
| 228 WSW-1                                             |  | G 1                           |  | X                |  |
| 229 WSW-1                                             |  | G 1                           |  | X                |  |
| 230 WSW-1                                             |  | G 1                           |  | X                |  |
| 231 WSW-1                                             |  | G 1                           |  | X                |  |
| 232 WSW-1                                             |  | G 1                           |  | X                |  |
| 233 WSW-1                                             |  | G 1                           |  | X                |  |
| 234 WSW-1                                             |  | G 1                           |  | X                |  |
| 235 WSW-1                                             |  | G 1                           |  | X                |  |
| 236 WSW-1                                             |  | G 1                           |  | X                |  |
| 237 WSW-1                                             |  | G 1                           |  | X                |  |
| 238 WSW-1                                             |  | G 1                           |  | X                |  |
| 239 WSW-1                                             |  | G 1                           |  | X                |  |
| 240 WSW-1                                             |  | G 1                           |  | X                |  |
| 241 WSW-1                                             |  | G 1                           |  | X                |  |
| 242 WSW-1                                             |  | G 1                           |  | X                |  |
| 243 WSW-1                                             |  | G 1                           |  | X                |  |
| 244 WSW-1                                             |  | G 1                           |  | X                |  |
| 245 WSW-1                                             |  | G 1                           |  | X                |  |
| 246 WSW-1                                             |  | G 1                           |  | X                |  |
| 247 WSW-1                                             |  | G 1                           |  | X                |  |
| 248 WSW-1                                             |  | G 1                           |  | X                |  |
| 249 WSW-1                                             |  | G 1                           |  | X                |  |
| 250 WSW-1                                             |  | G 1                           |  | X                |  |
| 251 WSW-1                                             |  | G 1                           |  | X                |  |
| 252 WSW-1                                             |  | G 1                           |  | X                |  |
| 253 WSW-1                                             |  | G 1                           |  | X                |  |
| 254 WSW-1                                             |  | G 1                           |  | X                |  |
| 255 WSW-1                                             |  | G 1                           |  | X                |  |
| 256 WSW-1                                             |  | G 1                           |  | X                |  |
| 257 WSW-1                                             |  | G 1                           |  | X                |  |
| 258 WSW-1                                             |  | G 1                           |  | X                |  |
| 259 WSW-1                                             |  | G 1                           |  | X                |  |
| 260 WSW-1                                             |  | G 1                           |  | X                |  |
| 261 WSW-1                                             |  | G 1                           |  | X                |  |
| 262 WSW-1                                             |  | G 1                           |  | X                |  |
| 263 WSW-1                                             |  | G 1                           |  | X                |  |
| 264 WSW-1                                             |  | G 1                           |  | X                |  |
| 265 WSW-1                                             |  | G 1                           |  | X                |  |
| 266 WSW-1                                             |  | G 1                           |  | X                |  |
| 267 WSW-1                                             |  | G 1                           |  | X                |  |
| 268 WSW-1                                             |  | G 1                           |  | X                |  |
| 269 WSW-1                                             |  | G 1                           |  | X                |  |
| 270 WSW-1                                             |  | G 1                           |  | X                |  |
| 271 WSW-1                                             |  | G 1                           |  | X                |  |
| 272 WSW-1                                             |  | G 1                           |  | X                |  |
| 273 WSW-1                                             |  | G 1                           |  | X                |  |
| 274 WSW-1                                             |  | G 1                           |  | X                |  |
| 275 WSW-1                                             |  | G 1                           |  | X                |  |
| 276 WSW-1                                             |  | G 1                           |  | X                |  |
| 277 WSW-1                                             |  | G 1                           |  | X                |  |
| 278 WSW-1                                             |  | G 1                           |  | X                |  |
| 279 WSW-1                                             |  | G 1                           |  | X                |  |
| 280 WSW-1                                             |  | G 1                           |  | X                |  |
| 281 WSW-1                                             |  | G 1                           |  | X                |  |
| 282 WSW-1                                             |  | G 1                           |  | X                |  |
| 283 WSW-1                                             |  | G 1                           |  | X                |  |
| 284 WSW-1                                             |  | G 1                           |  | X                |  |
| 285 WSW-1                                             |  | G 1                           |  | X                |  |
| 286 WSW-1                                             |  | G 1                           |  | X                |  |
| 287 WSW-1                                             |  | G 1                           |  | X                |  |
| 288 WSW-1                                             |  | G 1                           |  | X                |  |
| 289 WSW-1                                             |  | G 1                           |  | X                |  |
| 290 WSW-1                                             |  | G 1                           |  | X                |  |
| 291 WSW-1                                             |  | G 1                           |  | X                |  |
| 292 WSW-1                                             |  | G 1                           |  | X                |  |
| 293 WSW-1                                             |  | G 1                           |  | X                |  |
|                                                       |  |                               |  |                  |  |



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

March 27, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: TWIN WELLS BUCKTHORN PIT ( BACKFILL SOURCE )

Enclosed are the results of analyses for samples received by the laboratory on 03/26/24 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 03/26/2024                        | Sampling Date:      | 03/26/2024     |
| Reported:         | 03/27/2024                        | Sampling Type:      | Soil           |
| Project Name:     | TWIN WELLS BUCKTHORN PIT ( BACKFI | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                    |                     |                |

**Sample ID: BACKFILL - COMPOSITE (H241559-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.24 | 112        | 2.00          | 0.883 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/26/2024 | ND              | 2.19 | 109        | 2.00          | 0.961 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/26/2024 | ND              | 2.14 | 107        | 2.00          | 1.01  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/26/2024 | ND              | 6.23 | 104        | 6.00          | 1.07  |           |  |
| Total BTEX     | <0.300 | 0.300           | 03/26/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 03/27/2024 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/26/2024 | ND              | 226 | 113        | 200           | 0.713 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/26/2024 | ND              | 220 | 110        | 200           | 1.62  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/26/2024 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

|       |                                                                                                                                                                |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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".

---

Celey D. Keene, Lab Director/Quality Manager





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---

March 28, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: KING TUT(S) & WINDWARD FED RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/27/24 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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".

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/27/2024                         | Sampling Date:      | 03/27/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: FS - 4 (H241599-01)**

| 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           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.107  |           |
| Toluene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.267  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/27/2024 | ND              | 2.12 | 106        | 2.00          | 0.127  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/27/2024 | ND              | 6.38 | 106        | 6.00          | 0.0134 |           |
| Total BTX      | <0.300 | 0.300           | 03/27/2024 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1500   | 16.0            | 03/28/2024 | 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            | 03/27/2024 | ND              | 230 | 115        | 200           | 6.99 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 232 | 116        | 200           | 11.1 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/27/2024                         | Sampling Date:      | 03/27/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: FS - 5 (H241599-02)**

| 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           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.107  |           |  |
| Toluene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.267  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/27/2024 | ND              | 2.12 | 106        | 2.00          | 0.127  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/27/2024 | ND              | 6.38 | 106        | 6.00          | 0.0134 |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/27/2024 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 800    | 16.0            | 03/28/2024 | 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            | 03/27/2024 | ND              | 230 | 115        | 200           | 6.99 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 232 | 116        | 200           | 11.1 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/27/2024                         | Sampling Date:      | 03/27/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: FS - 6 (H241599-03)**

| 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           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.107  |           |  |
| Toluene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.267  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/27/2024 | ND              | 2.12 | 106        | 2.00          | 0.127  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/27/2024 | ND              | 6.38 | 106        | 6.00          | 0.0134 |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/27/2024 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 800    | 16.0            | 03/28/2024 | 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            | 03/27/2024 | ND              | 230 | 115        | 200           | 6.99 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 232 | 116        | 200           | 11.1 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/27/2024                         | Sampling Date:      | 03/27/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: FS - 7 (H241599-04)**

| 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           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.107  |           |  |
| Toluene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.267  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/27/2024 | ND              | 2.12 | 106        | 2.00          | 0.127  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/27/2024 | ND              | 6.38 | 106        | 6.00          | 0.0134 |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/27/2024 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 656    | 16.0            | 03/28/2024 | 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            | 03/27/2024 | ND              | 230 | 115        | 200           | 6.99 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 232 | 116        | 200           | 11.1 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/27/2024                         | Sampling Date:      | 03/27/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: NSW - 2 (H241599-05)**

| 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           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.107  |           |  |
| Toluene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.267  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/27/2024 | ND              | 2.12 | 106        | 2.00          | 0.127  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/27/2024 | ND              | 6.38 | 106        | 6.00          | 0.0134 |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/27/2024 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 03/28/2024 | 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            | 03/27/2024 | ND              | 230 | 115        | 200           | 6.99 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 232 | 116        | 200           | 11.1 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/27/2024                         | Sampling Date:      | 03/27/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: SSW - 2 (H241599-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |        |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.107  |           |  |
| Toluene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.267  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/27/2024 | ND              | 2.12 | 106        | 2.00          | 0.127  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/27/2024 | ND              | 6.38 | 106        | 6.00          | 0.0134 |           |  |
| Total BTEx     | <0.300 | 0.300           | 03/27/2024 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 03/28/2024 | 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            | 03/27/2024 | ND              | 230 | 115        | 200           | 6.99 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 232 | 116        | 200           | 11.1 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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  
 SAM ABBOTT  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/27/2024                         | Sampling Date:      | 03/27/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: ESW - 2 (H241599-07)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.107  |           |
| Toluene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.267  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/27/2024 | ND              | 2.12 | 106        | 2.00          | 0.127  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/27/2024 | ND              | 6.38 | 106        | 6.00          | 0.0134 |           |
| Total BTX      | <0.300 | 0.300           | 03/27/2024 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 03/28/2024 | 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            | 03/27/2024 | ND              | 230 | 115        | 200           | 6.99 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 232 | 116        | 200           | 11.1 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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  
 SAM ABBOTT  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/27/2024                         | Sampling Date:      | 03/27/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: WSW - 2 (H241599-08)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.107  |           |
| Toluene*       | <0.050 | 0.050           | 03/27/2024 | ND              | 2.17 | 109        | 2.00          | 0.267  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/27/2024 | ND              | 2.12 | 106        | 2.00          | 0.127  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/27/2024 | ND              | 6.38 | 106        | 6.00          | 0.0134 |           |
| Total BTX      | <0.300 | 0.300           | 03/27/2024 | ND              |      |            |               |        |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 304    | 16.0            | 03/28/2024 | 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            | 03/27/2024 | ND              | 230 | 115        | 200           | 6.99 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/27/2024 | ND              | 232 | 116        | 200           | 11.1 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/27/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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\*=Accredited Analyte

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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



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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

March 28, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: KING TUT(S) & WINDWARD FED RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/28/24 13:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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  
 SAM ABBOTT  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                                    |                     |                |
|-------------------|------------------------------------|---------------------|----------------|
| Received:         | 03/28/2024                         | Sampling Date:      | 03/28/2024     |
| Reported:         | 03/28/2024                         | Sampling Type:      | Soil           |
| Project Name:     | KING TUT(S) & WINDWARD FED RELEASE | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C - MD - 02999A                 | Sample Received By: | Tamara Oldaker |
| Project Location: | COP- LEA CO NM                     |                     |                |

**Sample ID: NSW - 1 ( 2' ) (H241631-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/28/2024 | ND              | 2.15 | 108        | 2.00          | 4.29 |           |
| Toluene*       | <0.050 | 0.050           | 03/28/2024 | ND              | 2.10 | 105        | 2.00          | 4.59 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/28/2024 | ND              | 2.04 | 102        | 2.00          | 4.65 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/28/2024 | ND              | 5.95 | 99.1       | 6.00          | 4.45 |           |
| Total BTEX     | <0.300 | 0.300           | 03/28/2024 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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             | 144    | 16.0            | 03/28/2024 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/28/2024 | ND              | 215 | 107        | 200           | 15.6 |           |
| DRO >C10-C28*    | 13.1   | 10.0            | 03/28/2024 | ND              | 207 | 103        | 200           | 13.9 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/28/2024 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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

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### Notes and Definitions

|      |                                                                                                                                                                |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.                            |
| 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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\*=Accredited Analyte

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

---

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Project Manager: Sam Abbott

Address: 8911 Capital o Texas Hwy, Suite 2310

City: Austin

State: TX Zip:

Phone #: (512)565-0190 Fax #:

Project #: 212C-MD-02899A Project Owner: ConocoPhillips

Project Name: King Tud(s) & Windward Federal Releases

Project Location: Lea County, New Mexico

Sampler Name: Colton Bickstaff

P.O. #:

Company: Tetra Tech

Attn: Sam Abbott

Address: EMAIL

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

1 NSW-1 (2)

(G) GRAB OR (C) OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH 8015M

BTEX 8021B

Chloride SM4500CI-B

RUSH

Relinquished By: Colton Bickstaff

Date: 03/28/24

Received By: *Michelle C. Kelly*

Time: 1:37

Date:

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. -C

Corrected Temp. -C

1.8 C

Sample Condition

Cool - Intact

Yes ☒ No ☐

Checked By: (Initials)

V.O.

Turnaround Time: Standard ☐ Backup (only) Sample Condition

Rush YES, SAME DAY TAT ☒ Cool Intact

Thermometer ID #440

Correction Factor 2.5°C

3/28/24 7:0

Yes ☐ No ☐

Yes ☐ No ☐

Corrected Temp. °C

Verbal Result: ☐ Yes ☐ No

Add Phone #:

All Results are emailed. Please provide Email address: Sam.Abbott@tetratech.com AND Christian.L.Will@tetratech.com

REMARKS: Same Day RUSH TAT

PLEASE NOTE: Liability and Coverage: Cardinal's liability and coverage is limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, lost profits, 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 rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

FORM-006 R 3.2 10/07/21

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

Page 4 of 4

Released to Imaging: 4/19/2024 8:48:24 AM

## **APPENDIX F**

### **Waste Manifests**





Customer Copy



Northern Delaware Basin Landfill  
2029 West NM Hwy 128  
Jal NM 88252

## ---WASTE TICKET---

Ticket # 233573

Start: 03/25/2024 09:35 AM

End: 03/25/2024 09:41 AM

By: owl.adan

| GROSS                     | TARE    | NET | PRICE  | AMOUNT |
|---------------------------|---------|-----|--------|--------|
| Contaminated Soil         | 0       | 18  | \$0.01 | \$0.18 |
| Hauler: McNabb Partners   |         |     |        |        |
| Driver: Victor Manzano    |         |     |        |        |
| Lease: King Tut Federal   |         |     |        |        |
| Well: 001H                |         |     |        |        |
| AFE #: N/A                |         |     |        |        |
| County, State: LEA (NM)   |         |     |        |        |
| APT #: 3002541542         |         |     |        |        |
| Company Man: Ike Tavaraz  |         |     |        |        |
| Site Map 3 Number: N/A    |         |     |        |        |
| Trucking Co Ticket #: N/A |         |     |        |        |
| Truck Type: Dump Truck    |         |     |        |        |
| UDM: Cuid                 |         |     |        |        |
| UDM Count: 18             |         |     |        |        |
| PF Test Result: Pass      |         |     |        |        |
| H2S Test: Pass            |         |     |        |        |
| H2S Testing               | 1       | 1   | \$0.00 | \$0.00 |
| Paint Filter - PASS       | 1       | 1   | \$0.00 | \$0.00 |
| NORM - PASS               | 1       | 1   | \$0.00 | \$0.00 |
| Aerial Photos             | 1       | 1   | \$0.00 | \$0.00 |
| 22                        | 0.0 lbs |     | \$0.01 | \$0.18 |

SUBTOTAL --> \$0.18  
TAX --> \$0.01  
ROUNDING --> \$0.00  
TOTAL --> \$0.19

| Date | Type | Amount |
|------|------|--------|
|      | CASH | \$0.19 |

Customer: ConocoPhillips Company  
Driver: Karen Work



Customer Copy



Northern Delaware Basin Landfill  
2029 West NM Hwy 128  
Jal NM 88252

## ---WASTE TICKET---

Ticket # 233596  
Start: 03/25/2024 10:34 AM  
End: 03/25/2024 10:45 AM  
By: owl.adan

| GROSS                                                                                                                                                                                                                                                                                                                                                | TARE    | NET | PRICE  | AMOUNT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|--------|--------|
| Contaminated Soil                                                                                                                                                                                                                                                                                                                                    | 0       | 18  | \$0.01 | \$0.18 |
| Hauler: McNabb Partners<br>Driver: Victor Manzano<br>Lease: King Tut Federal<br>Well: 001H<br>AFE #: N/A<br>County, State: LEA (NM)<br>API #: 3002541542<br>Client Company Man: Ike Tavarez<br>Rig Name & Number: N/A<br>Trucking Co Ticket #: N/A<br>Truck Type: Dump Truck<br>UOM: CuYd<br>UOM Count: 18<br>PF Test Result: Pass<br>HDS Test: Pass |         |     |        |        |
| HDS Testing - PASS                                                                                                                                                                                                                                                                                                                                   | 1       | 0   | 1      | \$0.00 |
| Paint Filter - PASS                                                                                                                                                                                                                                                                                                                                  | 1       | 0   | 1      | \$0.00 |
| NORM - PASS                                                                                                                                                                                                                                                                                                                                          | 1       | 0   | 1      | \$0.00 |
| Additional Photos                                                                                                                                                                                                                                                                                                                                    | 1       | 0   | 1      | \$0.00 |
| 22                                                                                                                                                                                                                                                                                                                                                   | 0.0 lbs |     | \$0.01 | \$0.18 |

SUBTOTAL ----> \$0.18  
TAX ----> \$0.01  
ROUNDING ----> \$0.00  
TOTAL ----> \$0.19

| Date | Type | Amount |
|------|------|--------|
|      | CASH | \$0.19 |

Customer: ConocoPhillips Company  
Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 233620

Start: 03/25/2024 11:32 AM

End: 03/26/2024 11:41 AM

By: cwl,aden

| GROSS                            | TARE | NET     | PRICE  | AMOUNT |
|----------------------------------|------|---------|--------|--------|
| Contaminated Soil                |      |         |        |        |
| 18                               | 0    | 18      | \$0.01 | \$0.18 |
| Hauler: Nakkab Partners          |      |         |        |        |
| Driver: Victor Manzano           |      |         |        |        |
| Leaser: King Tut Federal         |      |         |        |        |
| Well: OC14                       |      |         |        |        |
| APE #: N/A                       |      |         |        |        |
| County, State: LEA (NV)          |      |         |        |        |
| API #: 3002541542                |      |         |        |        |
| Client Company Name: Ike Tavaraz |      |         |        |        |
| Rig Name & Number: N/A           |      |         |        |        |
| Trucking Co Ticket #: N/A        |      |         |        |        |
| Truck Type: Dump Truck           |      |         |        |        |
| JOM: Durd                        |      |         |        |        |
| JOM Count: 18                    |      |         |        |        |
| RF Test Result: pass             |      |         |        |        |
| H2S Test: Pass                   |      |         |        |        |
| H2S Testing - PASS               | 0    | 1       | \$0.00 | \$0.00 |
| Paint Filter - PASS              | 0    | 1       | \$0.00 | \$0.00 |
| NORM - PASS                      | 0    | 1       | \$0.00 | \$0.00 |
| Additional Photos                | 0    | 1       | \$0.00 | \$0.00 |
| 22                               |      | 0.0 lbs | \$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



Customer Copy

## WEIGHT TICKET

Ticket # 233655

Start: 03/25/2024 12:43 PM

End: 03/25/2024 12:52 PM

By: cwl.jazmine

| GROSS                            | TARE    | NET   | PRICE | AMOUNT |
|----------------------------------|---------|-------|-------|--------|
| Contaminated Soil                |         |       |       |        |
| 116                              | 0       | 18    | 10.01 | \$0.18 |
| Hauler: NkVab Partners           |         |       |       |        |
| Driver: Victor Martinez          |         |       |       |        |
| Lease: King 1st Federal          |         |       |       |        |
| Well: OC-1                       |         |       |       |        |
| AFE #: N/A                       |         |       |       |        |
| County, Spatter LBA (NY)         |         |       |       |        |
| API #: 3002341542                |         |       |       |        |
| Client Company Name: Ice Taveraz |         |       |       |        |
| Rig Name & Number: N/A           |         |       |       |        |
| Trucking Co Ticket #: N/A        |         |       |       |        |
| Truck Type: Dump Truck           |         |       |       |        |
| JOM: Durd                        |         |       |       |        |
| JOM Count: 12                    |         |       |       |        |
| RF Test Result: Pass             |         |       |       |        |
| H2S Test: Pass                   |         |       |       |        |
| H2S Testing - PASS               |         |       |       |        |
| 0                                | 1       | 10.00 |       | \$0.00 |
| Paint Filter - PASS              |         |       |       |        |
| 0                                | 1       | 10.00 |       | \$0.00 |
| WORM - PASS                      |         |       |       |        |
| 0                                | 1       | 10.00 |       | \$0.00 |
| Additional Photos                |         |       |       |        |
| 0                                | 1       | 10.00 |       | \$0.00 |
| 22                               | 0.0 lbs | 10.01 |       | \$0.18 |

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company  
Driver: Karen Work





Customer Copy

## WEIGHT TICKET

Ticket # 233676  
 Start: 03/25/2024 01:10 PM  
 End: 03/25/2024 01:54 PM  
 By: cal.jazmine

| GROSS             | TARE | NET | PRICE | AMOUNT |
|-------------------|------|-----|-------|--------|
| Contaminated Soil | 0    | 18  | 10.01 | \$0.18 |

Hauler: McNabb Partners  
 Driver: Victor Menzano  
 Lease: King Tut Federal  
 Well: OC-1  
 AFE #: N/A  
 County, State: LEA (NV)  
 API #: 3002541542  
 Client Company Name: Ice Lavarez  
 License & Number: N/A  
 Trailing 50 Ticket #: N/A  
 Truck Type: Dump Truck  
 Units: 18  
 RF Test Result: Pass  
 H2S Test: Pass

|                    |   |   |       |        |
|--------------------|---|---|-------|--------|
| H2S Testing - PASS | 0 | 1 | 10.00 | \$0.00 |
|--------------------|---|---|-------|--------|

|                     |   |   |       |        |
|---------------------|---|---|-------|--------|
| Paint Filter - PASS | 0 | 1 | 10.00 | \$0.00 |
|---------------------|---|---|-------|--------|

|             |   |   |       |        |
|-------------|---|---|-------|--------|
| VORM - PASS | 0 | 1 | 10.00 | \$0.00 |
|-------------|---|---|-------|--------|

|                   |   |   |       |        |
|-------------------|---|---|-------|--------|
| Additional Photos | 0 | 1 | 10.00 | \$0.00 |
|-------------------|---|---|-------|--------|

|    |         |       |        |
|----|---------|-------|--------|
| 22 | 0.0 lbs | 10.01 | \$0.18 |
|----|---------|-------|--------|

SUBTOTAL ---&gt; \$0.18

TAX ---&gt; \$0.01

ROUNDING ---&gt; \$0.00

TOTAL ---&gt; \$0.19

Customer: EOG Resources



Customer Copy

## WEIGHT TICKET

Ticket # 233705

Start: 03/25/2024 02:48 PM

End: 03/25/2024 03:05 PM

By: cwl.jazwire

| GROSS                            | TARE    | NET | PRICE | AMOUNT |
|----------------------------------|---------|-----|-------|--------|
| Contaminated Soil                |         |     |       |        |
| 18                               | 0       | 18  | 10.01 | \$0.18 |
| Hauler: McNabb Partners          |         |     |       |        |
| Driver: Victor Menzies           |         |     |       |        |
| Lease: King Tut Federal          |         |     |       |        |
| Well: 10-1                       |         |     |       |        |
| REF: N/A                         |         |     |       |        |
| County, State: LEA (NY)          |         |     |       |        |
| API #: 5002541542                |         |     |       |        |
| Client Company: Marc Ice Taveraz |         |     |       |        |
| Truck Name & Number: 47A         |         |     |       |        |
| Trucking Co Ticket #: N/A        |         |     |       |        |
| Truck Type: Dump Truck           |         |     |       |        |
| JOM: 1000                        |         |     |       |        |
| JOM Count:                       |         |     |       |        |
| PF Test Result: Pass             |         |     |       |        |
| H2S Test: Pass                   |         |     |       |        |
| H2S Testing - PASS               |         |     |       |        |
| 1                                | 0       | 1   | 10.00 | \$0.00 |
| Paint Filter - PASS              |         |     |       |        |
| 1                                | 0       | 1   | 10.00 | \$0.00 |
| NORM - PASS                      |         |     |       |        |
| 1                                | 0       | 1   | 10.00 | \$0.00 |
| Additional Photos                |         |     |       |        |
| 1                                | 0       | 1   | 10.00 | \$0.00 |
| 22                               | 0.0 lbs |     | 10.01 | \$0.18 |
| SUBTOTAL --->                    |         |     |       | \$0.18 |
| TAX --->                         |         |     |       | \$0.01 |
| ROUNDING --->                    |         |     |       | \$0.00 |
| TOTAL --->                       |         |     |       | \$0.19 |

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 235884

Start: 03/22/2024 08:46 AM

End: 03/26/2024 09:52 AM

Browlادن

| GROSS                            | TARE    | NET | PRICE  | AMOUNT |
|----------------------------------|---------|-----|--------|--------|
| Contaminated Soil                |         |     |        |        |
| 16                               | 0       | 16  | \$0.01 | \$0.16 |
| Hauler: Nakhb Partners           |         |     |        |        |
| Driver: Victor Manzano           |         |     |        |        |
| Lease: King Tut Federal          |         |     |        |        |
| Well: OC14                       |         |     |        |        |
| AFE #: N/A                       |         |     |        |        |
| County, State: LBA (NY)          |         |     |        |        |
| API #: 6002541542                |         |     |        |        |
| Client Company: Man: Ice Javarez |         |     |        |        |
| Rig Name & Number: N/A           |         |     |        |        |
| Trucking Co Ticket #: N/A        |         |     |        |        |
| Truck Type: Dump Truck           |         |     |        |        |
| JOM: Curyd                       |         |     |        |        |
| JOM Count: 16                    |         |     |        |        |
| PE Test Result: Pass             |         |     |        |        |
| H2S Test: Pass                   |         |     |        |        |
| H2S Testing - PASS               |         |     |        |        |
| 1                                | 0       | 1   | \$0.00 | \$0.00 |
| Paint Filter - PASS              |         |     |        |        |
| 1                                | 0       | 1   | \$0.00 | \$0.00 |
| NORM - PASS                      |         |     |        |        |
| 1                                | 0       | 1   | \$0.00 | \$0.00 |
| Additional Photos                |         |     |        |        |
| 1                                | 0       | 1   | \$0.00 | \$0.00 |
| 20                               | 0.0 lbs |     | \$0.01 | \$0.16 |

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 233897

Start: 03/25/2024 10:10 AM

End: 03/26/2024 10:07 AM

By: awl.ary

| GROSS                              | TAKE    | NET   | PRICE | AMOUNT |
|------------------------------------|---------|-------|-------|--------|
| Contaminated Soil                  |         |       |       |        |
| 18                                 | 0       | 18    | 10.01 | \$0.18 |
| Hauler: Nakabo Partners            |         |       |       |        |
| Driver: Asia Mayberry              |         |       |       |        |
| Lease: King Tut Federal            |         |       |       |        |
| Well: OC14                         |         |       |       |        |
| APE #: N/A                         |         |       |       |        |
| County, State: LEA (N*)            |         |       |       |        |
| API #: 3002341542                  |         |       |       |        |
| Manifest #: 10                     |         |       |       |        |
| Client Company Name: Asia Mayberry |         |       |       |        |
| Rig Name & Number: N/A             |         |       |       |        |
| Trucking Co Ticket #: N/A          |         |       |       |        |
| Truck Type: Belly Dumps            |         |       |       |        |
| JOM: Jurd                          |         |       |       |        |
| JOM Count: 18                      |         |       |       |        |
| RF Test Result: Pass               |         |       |       |        |
| H2S Test: Pass                     |         |       |       |        |
| H2S Testing - PASS                 |         |       |       |        |
| 0                                  | 1       | 10.00 |       | \$0.00 |
| Paint Filter - PASS                |         |       |       |        |
| 0                                  | 1       | 10.00 |       | \$0.00 |
| NORM - PASS                        |         |       |       |        |
| 0                                  | 1       | 10.00 |       | \$0.00 |
| Additional Photos                  |         |       |       |        |
| 0                                  | 1       | 10.00 |       | \$0.00 |
| 22                                 | 0.0 lbs | 10.01 |       | \$0.18 |

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

King Tut DASH

Truck # 83

ACIE





Customer Copy

## WEIGHT TICKET

Ticket # 233920

Start: 03/22/2024 10:13 AM

End: 03/26/2024 11:08 AM

By: cwl.adan

| GROSS                            | TARE | NET     | PRICE  | AMOUNT |
|----------------------------------|------|---------|--------|--------|
| Contaminated Soil                |      |         |        |        |
| 16                               | 0    | 16      | \$0.01 | \$0.16 |
| Hauler: McKabb Partner           |      |         |        |        |
| Driver: Victor Manzano           |      |         |        |        |
| Lease: King Tut Federal          |      |         |        |        |
| Well: OCT-4                      |      |         |        |        |
| APR #: N/A                       |      |         |        |        |
| County, Spates LEA (NY)          |      |         |        |        |
| API #: 8002541542                |      |         |        |        |
| Client Company: Man: Ike Tavaraz |      |         |        |        |
| Rig Name & Number: N/A           |      |         |        |        |
| Trucking Co Ticket #: N/A        |      |         |        |        |
| Truck Type: Dump Truck           |      |         |        |        |
| JOM: Durd                        |      |         |        |        |
| JOM Count: 16                    |      |         |        |        |
| PF Test Result: Pass             |      |         |        |        |
| H2S Test: Pass                   |      |         |        |        |
| H2S Testing - PASS               |      |         |        |        |
| 3                                |      | 1       | \$0.00 | \$0.00 |
| Paint Filter - PASS              |      |         |        |        |
| 3                                |      | 1       | \$0.00 | \$0.00 |
| NORM - PASS                      |      |         |        |        |
| 3                                |      | 1       | \$0.00 | \$0.00 |
| Additional Photos                |      |         |        |        |
| 3                                |      | 1       | \$0.00 | \$0.00 |
| 20                               |      | 0.0 lbs | \$0.01 | \$0.16 |

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 238931

Start: 03/25/2024 11:15 AM

End: 03/26/2024 11:24 AM

Browladen

| GROSS                            | TARE    | NET | PRICE | AMOUNT |
|----------------------------------|---------|-----|-------|--------|
| Contaminated Soil                |         |     |       |        |
| 18                               | 0       | 18  | 10.01 | \$0.18 |
| Hauler: Mohabb Partners          |         |     |       |        |
| Driver: Asia Mayberry            |         |     |       |        |
| Lease: King Tut Federal          |         |     |       |        |
| Well: OC-1                       |         |     |       |        |
| AGE #: N/A                       |         |     |       |        |
| County, State: LBA (NY)          |         |     |       |        |
| API #: 3002541542                |         |     |       |        |
| Client Company Name: Ixe Tavaraz |         |     |       |        |
| Rig Name & Number: N/A           |         |     |       |        |
| Trucking Co Ticket #: N/A        |         |     |       |        |
| Truck Type: Belly Dumps          |         |     |       |        |
| JOM: Dwyd                        |         |     |       |        |
| JOM Count: 18                    |         |     |       |        |
| RF Test Result: Pass             |         |     |       |        |
| H2S Test: Pass                   |         |     |       |        |
| H2S Testing - PASS               | 0       | 1   | 10.00 | \$0.00 |
| Paint Filter - PASS              | 0       | 1   | 10.00 | \$0.00 |
| NORM - PASS                      | 0       | 1   | 10.00 | \$0.00 |
| Additional Photos                | 0       | 1   | 10.00 | \$0.00 |
| 22                               | 0.0 lbs |     | 10.01 | \$0.18 |

SUBTOTAL ----> \$0.18  
 TAX ----> \$0.01  
 ROUNING ----> \$0.00  
 TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

King Tut 0434

Truck M 83

Acce



Customer Copy

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

Ticket # 233953

Start: 03/23/2024 12:14 PM

End: 03/26/2024 12:13 PM

By: CML, aden

| GROSS                            | TARE | NET     | PRICE | AMOUNT |
|----------------------------------|------|---------|-------|--------|
| Contaminated Soil                |      |         |       |        |
| 16                               | 0    | 16      | 10.01 | \$0.16 |
| Hauler: McNabb Partners          |      |         |       |        |
| Driver: Victor Manzana           |      |         |       |        |
| Lease: King Tut Federal          |      |         |       |        |
| Well: OC-1                       |      |         |       |        |
| AFE #: N/A                       |      |         |       |        |
| County, State: LEA (NM)          |      |         |       |        |
| API #: 3002541542                |      |         |       |        |
| Client Company Name: Ice Taveraz |      |         |       |        |
| Rig Name & Number: N/A           |      |         |       |        |
| Trucking Co Ticket #: N/A        |      |         |       |        |
| Truck Type: Dump Truck           |      |         |       |        |
| JOM: Dwyd                        |      |         |       |        |
| JOM Count: 16                    |      |         |       |        |
| PF Test Result: Pass             |      |         |       |        |
| H2S Test: Pass                   |      |         |       |        |
| H2S Testing - PASS               |      |         |       |        |
| 1                                | 0    | 1       | 10.00 | \$0.00 |
| Paint Filter - PASS              |      |         |       |        |
| 1                                | 0    | 1       | 10.00 | \$0.00 |
| NORM - PASS                      |      |         |       |        |
| 1                                | 0    | 1       | 10.00 | \$0.00 |
| Additional Photos                |      |         |       |        |
| 1                                | 0    | 1       | 10.00 | \$0.00 |
| 20                               |      | 0.0 lbs | 10.01 | \$0.16 |

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 233973

Start: 03/25/2024 12:45 PM

End: 03/26/2024 12:58 PM

B/cowl,adan

| GROSS                        | TARE    | NET   | PRICE | AMOUNT |
|------------------------------|---------|-------|-------|--------|
| Contaminated Soil            |         |       |       |        |
| 18                           | 0       | 18    | 10.01 | \$0.18 |
| Hauler: McKabb Partners      |         |       |       |        |
| Driver: Asia Mayberry        |         |       |       |        |
| Lease: King Tut Federal      |         |       |       |        |
| Wells: OC-4                  |         |       |       |        |
| AFE #: N/A                   |         |       |       |        |
| County: Shasta LBA (N/A)     |         |       |       |        |
| API #: 0002541542            |         |       |       |        |
| Client Company: Mario Ibarra |         |       |       |        |
| Trig Name & Number: N/A      |         |       |       |        |
| Trucking Co Ticket #: N/A    |         |       |       |        |
| Truck Type: Belly Dumps      |         |       |       |        |
| JOM: Durd                    |         |       |       |        |
| JOM Count: 18                |         |       |       |        |
| PF Test Result: Pass         |         |       |       |        |
| H2S Test: Pass               |         |       |       |        |
| H2S Testing - PASS           | 0       | 1     | 10.00 | \$0.00 |
| Paint Filter - PASS          | 0       | 1     | 10.00 | \$0.00 |
| NORM - PASS                  | 0       | 1     | 10.00 | \$0.00 |
| Additional Photos            | 0       | 1     | 10.00 | \$0.00 |
| 22                           | 0.0 lbs | 10.01 |       | \$0.18 |

SUBTOTAL ---&gt; \$0.18

TAX ---&gt; \$0.01

ROUNDING ---&gt; \$0.00

TOTAL ---&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

King Tut 003 H

Truck M83

Acie





Customer Copy

## WEIGHT TICKET

Ticket # 234019

Start: 03/25/2024 02:48 PM

End: 03/26/2024 02:50 PM

B/COW/1.adan

| GROSS                           | TARE | NET       | PRICE | AMOUNT |
|---------------------------------|------|-----------|-------|--------|
| Contaminated Soil               |      |           |       |        |
| 18                              | 0    | 18        | 10.01 | \$0.18 |
| Hauler: McNabb Partners         |      |           |       |        |
| Driver: Angie Mayberry          |      |           |       |        |
| Lease: King Tut Federal         |      |           |       |        |
| Well: OC-1                      |      |           |       |        |
| AFE #: N/A                      |      |           |       |        |
| County, Spater LEA (N*)         |      |           |       |        |
| API #: 3002541542               |      |           |       |        |
| Client Company Man: Ice Lavarez |      |           |       |        |
| Trig Name & Number: N/A         |      |           |       |        |
| Trucking Co Ticket #: N/A       |      |           |       |        |
| Truck Type: Belly Dumps         |      |           |       |        |
| JOM: Durd                       |      |           |       |        |
| JOM Count: 18                   |      |           |       |        |
| PF Test Result: Pass            |      |           |       |        |
| H2S Test: Pass                  |      |           |       |        |
| H2S Testing - PASS              |      |           |       |        |
| 1                               | 0    | 1         | 10.00 | \$0.00 |
| Paint Filter - PASS             |      |           |       |        |
| 1                               | 0    | 1         | 10.00 | \$0.00 |
| NORM - PASS                     |      |           |       |        |
| 1                               | 0    | 1         | 10.00 | \$0.00 |
| Additional Photos               |      |           |       |        |
| 1                               | 0    | 1         | 10.00 | \$0.00 |
| 22                              |      | 22.00 lbs | 10.01 | \$0.18 |

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

King Tut 003 H

Track M83

ACIE



Customer Copy

## WEIGHT TICKET

Ticket # 234682

Start: 03/25/2024 09:46 AM

End: 03/26/2024 09:51 AM

By: cwl.jayden

| GROSS                            | TARE | NET     | PRICE  | AMOUNT |
|----------------------------------|------|---------|--------|--------|
| Contaminated Soil                |      |         |        |        |
| 18                               | 0    | 18      | \$0.01 | \$0.18 |
| Hauler: McNabb Partners          |      |         |        |        |
| Driver: Jeremy Ortega            |      |         |        |        |
| Lease: King Tut Fed              |      |         |        |        |
| Well: OC14                       |      |         |        |        |
| AFE #: N/A                       |      |         |        |        |
| County, State: LEA (NY)          |      |         |        |        |
| API #: 8002541542                |      |         |        |        |
| Client Company Name: Ice Tavaroz |      |         |        |        |
| Rig Name & Number: N/A           |      |         |        |        |
| Trucking Co Ticket #: N/A        |      |         |        |        |
| Truck Type: Dump Truck           |      |         |        |        |
| JOM: Durd                        |      |         |        |        |
| JOM Count: 18                    |      |         |        |        |
| RF Test Result: Pass             |      |         |        |        |
| H2S Test: Pass                   |      |         |        |        |
| H2S Testing - PASS               |      |         |        |        |
| 1                                | 0    | 1       | \$0.00 | \$0.00 |
| Paint Filter - PASS              |      |         |        |        |
| 1                                | 0    | 1       | \$0.00 | \$0.00 |
| NORM - PASS                      |      |         |        |        |
| 1                                | 0    | 1       | \$0.00 | \$0.00 |
| Additional Photos                |      |         |        |        |
| 1                                | 0    | 1       | \$0.00 | \$0.00 |
| 22                               |      | 0.0 lbs | \$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



Customer Copy

## WEIGHT TICKET

Ticket # 234629

Start: 03/28/2024 09:41 AM

End: 03/28/2024 09:51 AM

By: owl.geraldine

| GROSS                            | TARE    | NET | PRICE  | AMOUNT |
|----------------------------------|---------|-----|--------|--------|
| Contaminated Soil                |         |     |        |        |
| 16                               | 0       | 16  | \$0.01 | \$0.16 |
| Hauler: No Nabb Partners         |         |     |        |        |
| Driver: Victor Manzano           |         |     |        |        |
| Lease: King Tut                  |         |     |        |        |
| Well: OC14                       |         |     |        |        |
| APE #: N/A                       |         |     |        |        |
| County, State: LEA (NV)          |         |     |        |        |
| API #: N/A                       |         |     |        |        |
| Manifest #: 17                   |         |     |        |        |
| Client Company Name: Ice Taveraz |         |     |        |        |
| Rig Name & Number: N/A           |         |     |        |        |
| Trucking Co Ticket #: N/A        |         |     |        |        |
| Truck Type: Dump Truck           |         |     |        |        |
| JOM: Guind                       |         |     |        |        |
| JOM Count: 16                    |         |     |        |        |
| RF Test Result: Pass             |         |     |        |        |
| H2S Test: Pass                   |         |     |        |        |
| H2S Testing - PASS               |         |     |        |        |
| 1                                | 0       | 1   | \$0.00 | \$0.00 |
| Paint Filter - PASS              |         |     |        |        |
| 1                                | 0       | 1   | \$0.00 | \$0.00 |
| NORM - PASS                      |         |     |        |        |
| 1                                | 0       | 1   | \$0.00 | \$0.00 |
| Additional Photos                |         |     |        |        |
| 1                                | 0       | 1   | \$0.00 | \$0.00 |
| 20                               | 0.0 lbs |     | \$0.01 | \$0.16 |

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 234662

Start: 03/23/2024 11:01 AM

End: 03/26/2024 11:08 AM

By: DWLgeraldine

| GROSS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TARE | NET | PRICE  | AMOUNT |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------|--------|
| Contaminated Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |     |        |        |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0    | 16  | \$0.01 | \$0.16 |
| Hauler: McKabb<br>Driver: Victor Manzano<br>Lease: King Tut<br>Well: OCT4<br>AFE #: N/A<br>County: Sevier Dump Truck<br>API #: N/A<br>Manifest #: N/A<br>Client Company Name: Ixwe Tavaréz<br>Rig Name & Number: N/A<br>Trucking Co Ticket #: N/A<br>Truck Type: Dump Truck<br>JOM: Durd<br>JOM County: 16<br>PF Test Results: Pass<br>H2S Test: Pass<br><br>H2S Testing - PASS<br>1 0 1 \$0.00 \$0.00<br><br>Paint Filter - PASS<br>1 0 1 \$0.00 \$0.00<br><br>NORM - PASS<br>1 0 1 \$0.00 \$0.00<br><br>Additional Photos<br>1 0 1 \$0.00 \$0.00<br><br><br><br>20 0.0 lbs \$0.01 \$0.16<br><br>SUBTOTAL ----> \$0.16<br>TAX ----> \$0.01<br>ROUNDING ----> \$0.00<br>TOTAL ----> \$0.17 |      |     |        |        |

Customer: ConocoPhillips Company

Driver: Karen Work





Customer Copy

## WEIGHT TICKET

Ticket # 234664

Start: 03/26/2024 11:16 AM

End: 03/26/2024 11:11 AM

By: owl.geraldine

| GROSS                           | TARE | NET     | PRICE | AMOUNT |
|---------------------------------|------|---------|-------|--------|
| Contaminated Soil               |      |         |       |        |
| 16                              | 0    | 16      | 10.01 | \$0.16 |
| Hauler: McNabb                  |      |         |       |        |
| Driver: Jany Ortega             |      |         |       |        |
| Lease: King Tut                 |      |         |       |        |
| Well: OCH                       |      |         |       |        |
| AFE #: N/A                      |      |         |       |        |
| County, States LEA (N*)         |      |         |       |        |
| API #: N/A                      |      |         |       |        |
| Manifest #: N/A                 |      |         |       |        |
| Client Company Man: Ike Tavaraz |      |         |       |        |
| Rig Name & Number: N/A          |      |         |       |        |
| Trucking Co Ticket #: N/A       |      |         |       |        |
| Truck Type: Dump Truck          |      |         |       |        |
| JOM: Durd                       |      |         |       |        |
| JOM Count: 16                   |      |         |       |        |
| PF Test Result: Pass            |      |         |       |        |
| H2S Test: Pass                  |      |         |       |        |
| H2S Testing - PASS              |      |         |       |        |
| 1                               | 0    | 1       | 10.00 | \$0.00 |
| Paint Filter - PASS             |      |         |       |        |
| 1                               | 0    | 1       | 10.00 | \$0.00 |
| NDRM - PASS                     |      |         |       |        |
| 1                               | 0    | 1       | 10.00 | \$0.00 |
| Additional Photos               |      |         |       |        |
| 1                               | 0    | 1       | 10.00 | \$0.00 |
| 20                              |      | 0.0 lbs | 10.01 | \$0.16 |
| SUBTOTAL ---->                  |      |         |       | \$0.16 |
| TAX ---->                       |      |         |       | \$0.01 |
| ROUNDING ---->                  |      |         |       | \$0.00 |
| TOTAL ---->                     |      |         |       | \$0.17 |

Customer: ConocoPhillips Company  
 Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 234696

Start: 03/25/2024 12:15 PM

End: 03/26/2024 12:00 PM

By: cwl.jaycen

| GROSS                            | TARE | NET     | PRICE  | AMOUNT |
|----------------------------------|------|---------|--------|--------|
| Contaminated Soil                |      |         |        |        |
| 16                               | 0    | 16      | \$0.01 | \$0.16 |
| Hauler: McNabb Partners          |      |         |        |        |
| Driver: Victor Martinez          |      |         |        |        |
| Lease: King Tut Pad              |      |         |        |        |
| Well: OC-4                       |      |         |        |        |
| WFE #: N/A                       |      |         |        |        |
| County: Spotsylvania (VA)        |      |         |        |        |
| API #: 5002541542                |      |         |        |        |
| Client Company Name: Ixe Tavaraz |      |         |        |        |
| Rig Name & Number: N/A           |      |         |        |        |
| Trucking Co Ticket #: N/A        |      |         |        |        |
| Truck Type: Dump Truck           |      |         |        |        |
| JOM: Cuyd                        |      |         |        |        |
| JOM Count: 16                    |      |         |        |        |
| PF Test Result: Pass             |      |         |        |        |
| H2S Test: Pass                   |      |         |        |        |
| H2S Testing - PASS               |      |         |        |        |
| 1                                | 0    | 1       | \$0.00 | \$0.00 |
| Paint Filter - PASS              |      |         |        |        |
| 1                                | 0    | 1       | \$0.00 | \$0.00 |
| NORM - PASS                      |      |         |        |        |
| 1                                | 0    | 1       | \$0.00 | \$0.00 |
| Additional Photos                |      |         |        |        |
| 1                                | 0    | 1       | \$0.00 | \$0.00 |
| 20                               |      | 0.0 lbs | \$0.01 | \$0.16 |

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 234697

Start: 03/28/2024 12:19 PM

End: 03/28/2024 12:30 PM

By: twl.jaycer

| GROSS                            | TARE | NET     | PRICE | AMOUNT |
|----------------------------------|------|---------|-------|--------|
| Contaminated Soil                |      |         |       |        |
| 16                               | 0    | 16      | 10.01 | \$0.16 |
| Hauler: Monabb Partners          |      |         |       |        |
| Driver: Jeremy Ortega            |      |         |       |        |
| Lease: King Tut Pad              |      |         |       |        |
| Well: OC14                       |      |         |       |        |
| AFE #: N/A                       |      |         |       |        |
| County, State: LEA (NM)          |      |         |       |        |
| API #: 3002341542                |      |         |       |        |
| Client Company Name: Ice Taveraz |      |         |       |        |
| Rig Name & Number: N/A           |      |         |       |        |
| Trucking Co Ticket #: N/A        |      |         |       |        |
| Truck Type: Dump Truck           |      |         |       |        |
| JOM: Durd                        |      |         |       |        |
| JOM Count: 16                    |      |         |       |        |
| RF Test Result: Pass             |      |         |       |        |
| 42S Test: Pass                   |      |         |       |        |
| 42S Testing - PASS               |      |         |       |        |
| 1                                | 0    | 1       | 10.00 | \$0.00 |
| Paint Filter - PASS              |      |         |       |        |
| 1                                | 0    | 1       | 10.00 | \$0.00 |
| NDRM - PASS                      |      |         |       |        |
| 1                                | 0    | 1       | 10.00 | \$0.00 |
| Additional Photos                |      |         |       |        |
| 1                                | 0    | 1       | 10.00 | \$0.00 |
| 20                               |      | 0.0 lbs | 10.01 | \$0.16 |

SUBTOTAL ----> \$0.16  
 TAX ----> \$0.01  
 ROUNDING ----> \$0.00  
 TOTAL ----> \$0.17

Customer: ConocoPhillips Company  
 Driver: Karen Work



## WEIGHT TICKET

Ticket # 234963

Start: 03/28/2024 09:14 AM

End: 03/28/2024 09:53 AM

By: JWLgeraldine

| GROSS                                                                                                                                                                                                                                                                                                                           | TARE    | NET | PRICE | AMOUNT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|-------|--------|
| Contaminated Soil                                                                                                                                                                                                                                                                                                               |         |     |       |        |
| 16                                                                                                                                                                                                                                                                                                                              | 0       | 16  | 10.01 | \$0.16 |
| Hauler: McNabb<br>Driver: Victor Manzano<br>Lease: King Int<br>Well: OCT-1<br>AFE #: N/A<br>County: States LEA (N/A)<br>API #: N/A<br>Client Company: Man: Joe Tavaraz<br>Rig Name & Number: N/A<br>Trucking Co Ticket #: N/A<br>Truck Type: Dump Truck<br>JOM: JUYD<br>JOM Count: 18<br>RF Test Result: Pass<br>H2S Test: Pass |         |     |       |        |
| H2S Testing - PASS                                                                                                                                                                                                                                                                                                              | 0       | 1   | 10.00 | \$0.00 |
| Paint Filter - PASS                                                                                                                                                                                                                                                                                                             | 0       | 1   | 10.00 | \$0.00 |
| NORM - PASS                                                                                                                                                                                                                                                                                                                     | 0       | 1   | 10.00 | \$0.00 |
| Additional Photos                                                                                                                                                                                                                                                                                                               | 0       | 1   | 10.00 | \$0.00 |
| 20                                                                                                                                                                                                                                                                                                                              | 0.0 lbs |     | 10.01 | \$0.16 |

*Victor*

SUBTOTAL ----> \$0.16  
 TAX ----> \$0.01  
 ROUNDING ----> \$0.00  
 TOTAL ----> \$0.17

Customer: ConocoPhillips Company  
 Driver: Karen Work





Customer Copy

## WEIGHT TICKET

Ticket # 234976

Start: 03/25/2024 11:02 AM

End: 03/25/2024 11:11 AM

B: C.W.L. Ivan

| GROSS                            | TARE    | NET | PRICE | AMOUNT |
|----------------------------------|---------|-----|-------|--------|
| Contaminated Soil                |         |     |       |        |
| 16                               | 0       | 16  | 10.01 | \$0.16 |
| Hauler: Nakabb Partners          |         |     |       |        |
| Driver: Victor Manzana           |         |     |       |        |
| Lease: King Tut Fed              |         |     |       |        |
| Well: OC-1                       |         |     |       |        |
| APC #: N/A                       |         |     |       |        |
| County, State: LEA (NM)          |         |     |       |        |
| API #: 0002541542                |         |     |       |        |
| Manifest #: 23                   |         |     |       |        |
| Client Company Name: Ixe Javarez |         |     |       |        |
| Rig Name & Number: N/A           |         |     |       |        |
| Trucking Co Ticket #: N/A        |         |     |       |        |
| Truck Type: Dump Truck           |         |     |       |        |
| JOM: Durd                        |         |     |       |        |
| JOM Count: 16                    |         |     |       |        |
| PF Test Result: Pass             |         |     |       |        |
| H2S Test: Pass                   |         |     |       |        |
| H2S Testing - PASS               | 0       | 1   | 10.00 | \$0.00 |
| Paint Filter - PASS              | 0       | 1   | 10.00 | \$0.00 |
| NORM - PASS                      | 0       | 1   | 10.00 | \$0.00 |
| Additional Photos                | 0       | 1   | 10.00 | \$0.00 |
| 20                               | 0.0 lbs |     | 10.01 | \$0.16 |

SUBTOTAL ----> \$0.16  
 TAX ----> \$0.01  
 ROUNDING ----> \$0.00  
 TOTAL ----> \$0.17

Customer: ConocoPhillips Company  
 Driver: Karan Work



Customer Copy

## WEIGHT TICKET

Ticket # 234992

Start: 03/22/2024 12:14 PM

End: 03/26/2024 12:01 PM

By: cal.jayden

| GROSS                            | TARE    | NET | PRICE | AMOUNT |
|----------------------------------|---------|-----|-------|--------|
| Contaminated Soil                |         |     |       |        |
| 16                               | 0       | 16  | 10.01 | \$0.16 |
| Hauler: McNabb Partners          |         |     |       |        |
| Driver: Victor Mezano            |         |     |       |        |
| Lease: King Tut Pad              |         |     |       |        |
| Well: OC-1                       |         |     |       |        |
| County, State: LEA (NY)          |         |     |       |        |
| API #: 3002541542                |         |     |       |        |
| Manifest #: 24                   |         |     |       |        |
| Client Company Name: Ice Tavaraz |         |     |       |        |
| Rig Name & Number: N/A           |         |     |       |        |
| Trucking Co Ticket #: N/A        |         |     |       |        |
| Truck Type: Dump Truck           |         |     |       |        |
| JOM: Durd                        |         |     |       |        |
| JOM Count: 16                    |         |     |       |        |
| RF Test Result: Pass             |         |     |       |        |
| H2S Test: Pass                   |         |     |       |        |
| H2S Testing - PASS               |         |     |       |        |
| 1                                | 0       | 1   | 10.00 | \$0.00 |
| Paint Filter - PASS              |         |     |       |        |
| 1                                | 0       | 1   | 10.00 | \$0.00 |
| NORM - PASS                      |         |     |       |        |
| 1                                | 0       | 1   | 10.00 | \$0.00 |
| Additional Photos                |         |     |       |        |
| 1                                | 0       | 1   | 10.00 | \$0.00 |
| 20                               | 0.0 lbs |     | 10.01 | \$0.16 |

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

## WEIGHT TICKET

Ticket # 235011

Start: 03/18/2024 01:19 PM

End: 03/18/2024 01:21 PM

By: DWL Ivan

| GROSS                                                                                                                                                                                                                                                                                                                                             | TARE | NET      | PRICE | AMOUNT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|-------|--------|
| Contaminated Soil                                                                                                                                                                                                                                                                                                                                 |      |          |       |        |
| 16                                                                                                                                                                                                                                                                                                                                                | 0    | 16       | 10.01 | \$0.16 |
| Hauler: McNabb Partners<br>Driver: Victor Manzano<br>Lease: King Tut Fed<br>Well: OC-1<br>AFE #: N/A<br>County, State: LEA (NV)<br>API #: 3002541542<br>Client Company Name: Ixe Iavarez<br>Rig Name & Number: N/A<br>Trucking Co Ticket #: N/A<br>Truck Type: Dump Truck<br>JOM: Durd<br>JOM Count: 16<br>PF Test Result: Pass<br>H2S Test: Pass |      |          |       |        |
| H2S Testing - PASS                                                                                                                                                                                                                                                                                                                                | 0    | 1        | 10.00 | \$0.00 |
| Paint Filter - PASS                                                                                                                                                                                                                                                                                                                               | 0    | 1        | 10.00 | \$0.00 |
| NORM - PASS                                                                                                                                                                                                                                                                                                                                       | 0    | 1        | 10.00 | \$0.00 |
| Additional Photos                                                                                                                                                                                                                                                                                                                                 | 0    | 1        | 10.00 | \$0.00 |
| 20                                                                                                                                                                                                                                                                                                                                                |      | 10.0 lbs | 10.01 | \$0.16 |
| SUBTOTAL ---->                                                                                                                                                                                                                                                                                                                                    |      |          |       | \$0.16 |
| TAX ---->                                                                                                                                                                                                                                                                                                                                         |      |          |       | \$0.01 |
| ROUNDING ---->                                                                                                                                                                                                                                                                                                                                    |      |          |       | \$0.00 |
| TOTAL ---->                                                                                                                                                                                                                                                                                                                                       |      |          |       | \$0.17 |

 Customer: ConocoPhillips Company  
 Driver: Karen Work



## ---WEIGHT TICKET---

Ticket # 235467

Start: 04/01/2024 09:31 AM

End: 04/01/2024 09:58 AM

By: owl\_jayce

| GROSS                            | TARE | NET     | PRICE | AMOUNT |
|----------------------------------|------|---------|-------|--------|
| Contaminated Soil                |      |         |       |        |
| 16                               | 0    | 16      | 10.01 | \$0.16 |
| Hauler: McNabb Partners          |      |         |       |        |
| Driver: Victor Manzana           |      |         |       |        |
| Lease: King Tut Federal          |      |         |       |        |
| Well: OC-1                       |      |         |       |        |
| County, State: LEA (NY)          |      |         |       |        |
| API #: 3002541542                |      |         |       |        |
| Client Company Name: Ixe Taveraz |      |         |       |        |
| Rig Name & Number: N/A           |      |         |       |        |
| Trucking Co Ticket #: N/A        |      |         |       |        |
| Truck Type: Dump Truck           |      |         |       |        |
| JOM: Gurd                        |      |         |       |        |
| JOM Count: 16                    |      |         |       |        |
| PF Test Result: Pass             |      |         |       |        |
| H2S Test: Pass                   |      |         |       |        |
| H2S Testing - PASS               |      |         |       |        |
| 0                                |      | 1       | 10.00 | \$0.00 |
| Paint Filter - PASS              |      |         |       |        |
| 0                                |      | 1       | 10.00 | \$0.00 |
| NORM - PASS                      |      |         |       |        |
| 0                                |      | 1       | 10.00 | \$0.00 |
| Additional Photos                |      |         |       |        |
| 0                                |      | 1       | 10.00 | \$0.00 |
| 20                               |      | 0.0 lbs | 10.01 | \$0.16 |

SUECTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

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**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

QUESTIONS  
  
Action 334580

QUESTIONS

|                                                                           |                |
|---------------------------------------------------------------------------|----------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:         |
|                                                                           | 229137         |
|                                                                           | Action Number: |
|                                                                           | 334580         |
| Action Type:                                                              |                |
| [C-141] Reclamation Report C-141 (C-141-v-Reclamation)                    |                |

QUESTIONS

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Prerequisites    |                                                     |
| Incident ID (n#) | nOY1713048453                                       |
| Incident Name    | NOY1713048453 KING TUT FEDERAL #003H @ 30-025-41559 |
| Incident Type    | Produced Water Release                              |
| Incident Status  | Reclamation Report Received                         |
| Incident Well    | [30-025-41559] KING TUT FEDERAL #003H               |

|                                                |                        |
|------------------------------------------------|------------------------|
| Location of Release Source                     |                        |
| Please answer all the questions in this group. |                        |
| Site Name                                      | KING TUT FEDERAL #003H |
| Date Release Discovered                        | 05/06/2017             |
| Surface Owner                                  | Federal                |

|                                                                                                      |                        |
|------------------------------------------------------------------------------------------------------|------------------------|
| Incident Details                                                                                     |                        |
| Please answer all the questions in this group.                                                       |                        |
| Incident Type                                                                                        | Produced Water Release |
| Did this release result in a fire or is the result of a fire                                         | No                     |
| Did this release result in any injuries                                                              | No                     |
| Has this release reached or does it have a reasonable probability of reaching a watercourse          | No                     |
| Has this release endangered or does it have a reasonable probability of endangering public health    | No                     |
| Has this release substantially damaged or will it substantially damage property or the environment   | No                     |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No                     |

|                                                                                                                                                                                      |                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Nature and Volume of Release                                                                                                                                                         |                                                                                                                          |
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. |                                                                                                                          |
| Crude Oil Released (bbls) Details                                                                                                                                                    | Not answered.                                                                                                            |
| Produced Water Released (bbls) Details                                                                                                                                               | Cause: Equipment Failure   Flow Line - Production   Produced Water   Released: 30 BBL   Recovered: 25 BBL   Lost: 5 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l                                                                                                                  | No                                                                                                                       |
| Condensate Released (bbls) Details                                                                                                                                                   | Not answered.                                                                                                            |
| Natural Gas Vented (Mcf) Details                                                                                                                                                     | Not answered.                                                                                                            |
| Natural Gas Flared (Mcf) Details                                                                                                                                                     | Not answered.                                                                                                            |
| Other Released Details                                                                                                                                                               | Not answered.                                                                                                            |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)                                 | Not answered.                                                                                                            |

**District I**

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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**

QUESTIONS, Page 2

Action 334580

**QUESTIONS (continued)**

|                                                                           |                |
|---------------------------------------------------------------------------|----------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:         |
|                                                                           | 229137         |
|                                                                           | Action Number: |
|                                                                           | 334580         |
| Action Type:                                                              |                |
| [C-141] Reclamation Report C-141 (C-141-v-Reclamation)                    |                |

**QUESTIONS**

| Nature and Volume of Release (continued)                                                                                                                |                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Is this a gas only submission (i.e. only significant Mcf values reported)                                                                               | No, according to supplied volumes this does not appear to be a "gas only" report.                                                      |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC                                                                                  | Yes                                                                                                                                    |
| Reasons why this would be considered a submission for a notification of a major release                                                                 | From paragraph A. "Major release" determine using:<br>(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. |                                                                                                                                        |

**Initial Response**

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

|                                                                                                                    |               |
|--------------------------------------------------------------------------------------------------------------------|---------------|
| The source of the release has been stopped                                                                         | True          |
| The impacted area has been secured to protect human health and the environment                                     | True          |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True          |
| All free liquids and recoverable materials have been removed and managed appropriately                             | True          |
| If all the actions described above have not been undertaken, explain why                                           | Not answered. |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

|                                                    |                                                                                                              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| I hereby agree and sign off to the above statement | Name: Christian LLuLL<br>Title: Project Manager<br>Email: christian.llull@tetrattech.com<br>Date: 04/17/2024 |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 3  
  
Action 334580

**QUESTIONS (continued)**

|                                                                               |                |
|-------------------------------------------------------------------------------|----------------|
| Operator:<br><br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:         |
|                                                                               | 229137         |
|                                                                               | Action Number: |
|                                                                               | 334580         |
| Action Type:                                                                  |                |
| [C-141] Reclamation Report C-141 (C-141-v-Reclamation)                        |                |

**QUESTIONS**

|                                                                                                                                                                                                                                                      |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Site Characterization</b>                                                                                                                                                                                                                         |                                |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> |                                |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)                                                                                                                           | Between 100 and 500 (ft.)      |
| What method was used to determine the depth to ground water                                                                                                                                                                                          | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water                                                                                                                                                                                                 | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>                                                                                                                             |                                |
| A continuously flowing watercourse or any other significant watercourse                                                                                                                                                                              | Greater than 5 (mi.)           |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)                                                                                                                                                                    | Between 1 and 5 (mi.)          |
| An occupied permanent residence, school, hospital, institution, or church                                                                                                                                                                            | Greater than 5 (mi.)           |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes                                                                                                                            | Greater than 5 (mi.)           |
| Any other fresh water well or spring                                                                                                                                                                                                                 | Greater than 5 (mi.)           |
| Incorporated municipal boundaries or a defined municipal fresh water well field                                                                                                                                                                      | Greater than 5 (mi.)           |
| A wetland                                                                                                                                                                                                                                            | Greater than 5 (mi.)           |
| A subsurface mine                                                                                                                                                                                                                                    | Greater than 5 (mi.)           |
| An (non-karst) unstable area                                                                                                                                                                                                                         | Greater than 5 (mi.)           |
| Categorize the risk of this well / site being in a karst geology                                                                                                                                                                                     | Low                            |
| A 100-year floodplain                                                                                                                                                                                                                                | Greater than 5 (mi.)           |
| Did the release impact areas not on an exploration, development, production, or storage site                                                                                                                                                         | No                             |

|                                                                                                                                                                                                                                                                                                                                                                                       |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Remediation Plan</b>                                                                                                                                                                                                                                                                                                                                                               |            |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                      |            |
| Requesting a remediation plan approval with this submission                                                                                                                                                                                                                                                                                                                           | Yes        |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>                                                                                                                                                                        |            |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                                                                                                                                                                                          | Yes        |
| Was this release entirely contained within a lined containment area                                                                                                                                                                                                                                                                                                                   | No         |
| <b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)                                                                                                                                                                                                                                                                     |            |
| Chloride (EPA 300.0 or SM4500 Cl B)                                                                                                                                                                                                                                                                                                                                                   | 7960       |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)                                                                                                                                                                                                                                                                                                                                           | 559        |
| GRO+DRO (EPA SW-846 Method 8015M)                                                                                                                                                                                                                                                                                                                                                     | 305        |
| BTEX (EPA SW-846 Method 8021B or 8260B)                                                                                                                                                                                                                                                                                                                                               | 0          |
| Benzene (EPA SW-846 Method 8021B or 8260B)                                                                                                                                                                                                                                                                                                                                            | 0          |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                        |            |
| On what estimated date will the remediation commence                                                                                                                                                                                                                                                                                                                                  | 03/20/2024 |
| On what date will (or did) the final sampling or liner inspection occur                                                                                                                                                                                                                                                                                                               | 03/26/2024 |
| On what date will (or was) the remediation complete(d)                                                                                                                                                                                                                                                                                                                                | 04/03/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed                                                                                                                                                                                                                                                                                                            | 2998       |
| What is the estimated volume (in cubic yards) that will be reclaimed                                                                                                                                                                                                                                                                                                                  | 484        |
| What is the estimated surface area (in square feet) that will be remediated                                                                                                                                                                                                                                                                                                           | 2998       |
| What is the estimated volume (in cubic yards) that will be remediated                                                                                                                                                                                                                                                                                                                 | 484        |
| <i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>                                                                                                                                                                                |            |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> |            |

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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

QUESTIONS, Page 4  
  
Action 334580

QUESTIONS (continued)

|                                                                               |                                                        |        |
|-------------------------------------------------------------------------------|--------------------------------------------------------|--------|
| Operator:<br><br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:                                                 | 229137 |
|                                                                               | Action Number:                                         | 334580 |
|                                                                               | Action Type:                                           |        |
|                                                                               | [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |        |

QUESTIONS

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Remediation Plan (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                              |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                              |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                              |
| <i>(Select all answers below that apply.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                              |
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                                                                                          |
| Which OCD approved facility will be used for <b>off-site</b> disposal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | OWL LANDFILL JAL [fJEG1635837366]                                                                            |
| <b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not answered.                                                                                                |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Not answered.                                                                                                |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not answered.                                                                                                |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Not answered.                                                                                                |
| (In Situ) Soil Vapor Extraction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not answered.                                                                                                |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not answered.                                                                                                |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not answered.                                                                                                |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Not answered.                                                                                                |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Not answered.                                                                                                |
| OTHER (Non-listed remedial process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Not answered.                                                                                                |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                              |
| 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. |                                                                                                              |
| I hereby agree and sign off to the above statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Name: Christian LLuLL<br>Title: Project Manager<br>Email: christian.llull@tetrattech.com<br>Date: 04/17/2024 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                              |



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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

QUESTIONS, Page 5  
  
Action 334580

QUESTIONS (continued)

|                                                                               |                                                                            |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Operator:<br><br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br><br>229137                                                       |
|                                                                               | Action Number:<br><br>334580                                               |
|                                                                               | Action Type:<br><br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

|                                                                                                                                                                                                |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Deferral Requests Only                                                                                                                                                                         |    |
| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation. |    |
| Requesting a deferral of the remediation closure due date with the approval of this submission                                                                                                 | No |

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 6

Action 334580

**QUESTIONS (continued)**

|                                                                           |                |
|---------------------------------------------------------------------------|----------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:         |
|                                                                           | 229137         |
|                                                                           | Action Number: |
|                                                                           | 334580         |
| Action Type:                                                              |                |
| [C-141] Reclamation Report C-141 (C-141-v-Reclamation)                    |                |

**QUESTIONS**

| Sampling Event Information                                                                      |            |
|-------------------------------------------------------------------------------------------------|------------|
| Last sampling notification (C-141N) recorded                                                    | 325645     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/26/2024 |
| What was the (estimated) number of samples that were to be gathered                             | 16         |
| What was the sampling surface area in square feet                                               | 3200       |

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

|                                                                                                                                                                                                                                                                                    |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Requesting a remediation closure approval with this submission                                                                                                                                                                                                                     | Yes  |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                                                                                       | Yes  |
| Was this release entirely contained within a lined containment area                                                                                                                                                                                                                | No   |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion                                                         | Yes  |
| What was the total surface area (in square feet) remediated                                                                                                                                                                                                                        | 2998 |
| What was the total volume (cubic yards) remediated                                                                                                                                                                                                                                 | 484  |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes  |
| What was the total surface area (in square feet) reclaimed                                                                                                                                                                                                                         | 2998 |
| What was the total volume (in cubic yards) reclaimed                                                                                                                                                                                                                               | 484  |
| Summarize any additional remediation activities not included by answers (above)                                                                                                                                                                                                    | NA   |

*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 (in .pdf format) 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.*

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.

|                                                    |                                                                                                             |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| I hereby agree and sign off to the above statement | Name: Christian LLuLL<br>Title: Project Manager<br>Email: christian.llull@tetratech.com<br>Date: 04/17/2024 |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|

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

QUESTIONS, Page 7

Action 334580

**QUESTIONS (continued)**

|                                                                           |                |                                                        |
|---------------------------------------------------------------------------|----------------|--------------------------------------------------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:         | 229137                                                 |
|                                                                           | Action Number: | 334580                                                 |
|                                                                           | Action Type:   | [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |
|                                                                           |                |                                                        |

**QUESTIONS****Reclamation Report**

Only answer the questions in this group if all reclamation steps have been completed.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Requesting a reclamation approval with this submission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                                                          |
| What was the total reclamation surface area (in square feet) for this site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2998                                                                                                         |
| What was the total volume of replacement material (in cubic yards) for this site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 484                                                                                                          |
| <i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                              |
| Is the soil top layer complete and is it suitable material to establish vegetation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                          |
| On what (estimated) date will (or was) the reseedling commence(d)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 04/03/2024                                                                                                   |
| Summarize any additional reclamation activities not included by answers (above)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NA                                                                                                           |
| <i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                              |
| 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. |                                                                                                              |
| I hereby agree and sign off to the above statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Name: Christian LLuLL<br>Title: Project Manager<br>Email: christian.llull@tetrattech.com<br>Date: 04/17/2024 |

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Santa Fe, NM 87505

QUESTIONS, Page 8  
  
Action 334580

QUESTIONS (continued)

|                                                                               |                                                                            |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Operator:<br><br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br><br>229137                                                       |
|                                                                               | Action Number:<br><br>334580                                               |
|                                                                               | Action Type:<br><br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

|                                                                                                                                                                                                            |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Revegetation Report                                                                                                                                                                                        |    |
| Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.                                                                         |    |
| Requesting a restoration complete approval with this submission                                                                                                                                            | No |
| Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete. |    |



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CONDITIONS  
  
Action 334580

CONDITIONS

|                                                                           |                |
|---------------------------------------------------------------------------|----------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:         |
|                                                                           | 229137         |
|                                                                           | Action Number: |
|                                                                           | 334580         |
| Action Type:                                                              |                |
| [C-141] Reclamation Report C-141 (C-141-v-Reclamation)                    |                |

CONDITIONS

| Created By | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Condition Date |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| bhall      | Remediation closure and reclamation report approved. A revegetation will need to be submitted prior to this incident reaching the final status of "Revegetation Approved, Restoration Complete". A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.                                                                                                                                                                                                                                                                                                                                        | 4/19/2024      |
| bhall      | All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved. | 4/19/2024      |
| bhall      | Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.                                                                                                                                                                                                                                                                                                                                                                                                                          | 4/19/2024      |