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December, 2024

#zeuspit_env_22

Mark Andersen

Permian Asset HSEQ Manager
TETRA Technologies Inc./Swiftwater Inc.
2401 N. CR 1287 Midland, TX 79701
Phone: 432.234.0179

SUBJECT: Closure Report for the Dagger Lake Zeus Pond Release, NAPP2222961063 Lea County, New Mexico

Dear Mr. Anderson,

On behalf of Atkins Engineering Associates INC. (AEA) has prepared this Closure Report for release NAPP2222961063. This report summarizes the remediation activities of the release of liquids related to oil and gas production and water recycling activities at the DAGGER LAKE ZEUS POND. The site is in Unit P, Section 35, Township 21S, Range 32E, Lea County, New Mexico.

Table 1: Release Information and Closure Criteria

| | | | |
|---------------------------|--|------------------------|----------------------|
| Name | DAGGER LAKE ZEUS POND | Company | Chevron U.S.A., Inc |
| API Number | | Location | 32.40448, -103.55576 |
| Incident Number | NAPP2222961063 | | |
| Estimated Date of Release | 8/12/22 | Date Reported to NMOCD | 8/12/22 |
| Landowner | Private and BLM | Reported To | NMOCD District 1 |
| Source of Release | On August 12 th 2022 (8/17/2022) a release occurred at Chevron's Dagger Lake Zeus Pond due to "Normal operation night shift pump operator put the pump to recirculate back into the pond and the recirculation line became unstrapped and began spilling on the berm. | | |
| Released Volume | 1715 | Released Material | Produced Water |
| Recovered Volume | 480 bbls | Net Release | 1235 |
| NMOCD Closure Criteria | >100 feet to groundwater | | |
| | | | |

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1.0 Background

On August 12th, 2022 (8/17/2022) a release occurred at Chevron's Dagger Lake Zeus Pond due to the "Normal operation night shift pump operator put the pump to recirculate back into the pond and the recirculation line became unstrapped and began spilling on the berm" The NMOCD release is NAPP2222961063 **and is covered in this closure report.** This release did impact the same area but flowed off the upgradient fee land and onto the BLM surface, which was addressed in the Zues Closure Report submitted on August 1st, 2024.

Release delineation activities for the nAPP2211527047 and NAPP2222961063 releases were conducted by Envirotech from September 19 through 22, 2022, which included utilizing hand tools to advance soil borings in proximity of the release path to determine the horizontal and vertical extents of the release all sample points are shown in figure 2. Concurrently, Warrior Technologies was on-site daylighting subsurface pipelines belonging to Solaris, Enterprise, Mewbourne and Matador also shown in figure 2.

NMOCD rejected the previously submitted Site Assessment and Remediation Work plan (see Appendix E) on December 23, 2022. *NMOCD Environmental staff commented*, "Remediation Plan Denied. Soil blending is not allowed. The use of SA2000 requires a meeting with OCD to discuss proper procedures and protocols."

Because the denial was based on the remedial method and not the Site assessment performed, AEA decided to amend the previously submitted work plan, which was approved by the district on 3/08/2023.

Based on land ownership, this closure report has been prepared for release NAPP2222961063, the only release that impacted Federal lands to the south of the northern fee area of the Dagger Zeus Pond. NAPP2222961063 and nAPP2211527047 overlapped some of the same areas on the northern or fee area but only NAPP2222961063 flowed to the south and onto the BLM surface.

2.0 Site Information and Closure Criteria

The subject site is 0.15 miles north of a groundwater monitoring water well (C04566). The depth of the well is recorded at 110 feet in September 2021 and was dry. The spill site and groundwater well are relatively similar in elevation (3-foot differential); therefore, depth to water at the subject site is estimated to be greater than 100 feet below ground surface (bgs). The subject site is also within a low karst occurrence area, and the distance to the nearest watercourse is over 1,226 south of the spill site. Siting criteria documentation for the subject spill site is provided in Appendix B and shown in Figure 1.

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| Closure Criteria (19.15.29.12.B(4) Table 2 | | | | | | |
|---|--------------|---|------|-----------------|------|---------|
| Depth to Groundwater | | Closure Criteria (units in mg/kg) | | | | |
| | | Chloride *numerical limit or background, whichever is greater | TPH | GRO + DRO | BTEX | Benzene |
| < 50' BGS | | 600 | 100 | | 50 | 10 |
| 51' to 100' | | 10000 | 2500 | 1000 | 50 | 10 |
| >100' | 110 | 20000 | 2500 | 1000 | 50 | 10 |
| Surface Water | yes or no | if yes, then | | | | |
| <300' from continuously flowing watercourse or other significant watercourse? | no | 600 | 100 | | 50 | 10 |
| <200' from lakebed, sinkhole or playa lake? | no | | | | | |
| Water Well or Water Source | | | | | | |
| <500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes? | no | | | | | |
| <1000' from fresh water well or spring? | no | | | | | |
| Human and Other Areas | | | | | | |
| <300' from an occupied permanent residence, school, hospital, institution or church? | no | | | | | |
| within incorporated municipal boundaries or within a defined municipal fresh water well field? | no | | | | | |
| <100' from wetland? | no | | | | | |
| within area overlying a subsurface mine | no | | | | | |
| within an unstable area? | no | | | | | |
| within a 100-year floodplain? | no | | | | | |

Table 2 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B.

The National Resources Conservation Service (NRCS) named Pyote fine sands (PU) the underlying soil type for the location. PU is fine sands from 0-30 inches and fine sandy loam from 30- 60 inches and is classified as non-saline with an ECe less than 2.0 mS/m, according to the NRCS. The unaffected soils found adjacent to the locations and its lease roads are neither saline nor sodic and are typically populated with non-saline-tolerant native grasses.

AEA sampled the northern area for releases nAPP2211527047 and NAPP2222961063 with a Simco Rig and two-foot (2) stainless steel spoons. Solaris and their subcontractor sampled the horizontal extent; the data are shown in Table 3.

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Table 3

| Sample ID | Sample Date | Depth (feet bgs) | Proposed Action/ Action Taken | BTEX mg/Kg | Benzene mg/Kg | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | Total TPH mg/Kg | Cl- mg/Kg |
|-----------------------|-------------|------------------|-------------------------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| NMED Closure Criteria | | | | 50 | 10 | | | | 2500 | 600 |
| H3 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 173 |
| H4 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 247 |
| H5 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 288 |
| H6 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 155 |
| H7 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 145 |
| H8 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 248 |
| H9 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 131 |
| H10 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 313 |
| H11 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 59.1 |
| H12 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 53.3 |
| H13 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 33.6 |
| H14 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 162 |
| H15 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 90.4 |
| D1-1 | 8/30/2023 | 1 | excavated | "--" | "--" | "--" | "--" | "--" | "--" | 3120 |
| D1-2 | 8/30/2023 | 2 | excavated | "--" | "--" | "--" | "--" | "--" | "--" | 1680 |
| D1-4 | 8/30/2023 | 4 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 160 |
| D1-6 | 8/30/2023 | 6 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 32 |
| D2-1 | 8/30/2023 | 1 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 48 |
| D2-2 | 8/30/2023 | 2 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 32 |
| D3-4 | 8/30/2023 | 4 | excavated | "--" | "--" | "--" | "--" | "--" | "--" | 1880 |
| D3-6 | 8/30/2023 | 6 | excavated | "--" | "--" | "--" | "--" | "--" | "--" | 1100 |
| D3-8 | 8/30/2023 | 8 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 80 |
| D3-9 | 8/30/2023 | 9 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 80 |
| D4-6 | 8/30/2023 | 6 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 32 |
| D4-8 | 8/30/2023 | 8 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 48 |
| D5-6 | 8/30/2023 | 6 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 272 |
| D5-8 | 8/30/2023 | 8 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 144 |
| D6-8 | 8/30/2023 | 8 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 3600 |
| D6-10 | 8/30/2023 | 10 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 896 |
| D6-12 | 8/30/2023 | 12 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 1100 |
| D6-14 | 8/30/2023 | 14 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 96 |
| D6-16 | 8/30/2023 | 16 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 112 |

"--" = Not Analyzed

AEA used the discrete sample locations above and the (Blue) horizontal extent shown in figure 2 using the KML polygon file from Solaris Midstream (Solaris) bounds as inputs into Surfer Software to compute the potential extent of the soil impacts as shown in figure 3. The Surfer calculated total cut soil volume was 2,945 cubic yards of soil.

NMOCD approved a Site Assessment and Remediation Work plan submitted October 28th, 2022 for release nAPP2211527047. Unfortunately, between the work plan approval and the remedial excavation, the site received several rain events, so AEA performed an additional delineation on August 30, 2023.

AEA submitted an update and email to NMOCD and the email stated, "Conditions at the remediation of the release of liquids related to oil and gas production activities at the DAGGER LAKE ZEUS POND have changed. The site is in Unit P, Section 35, Township 21S, Range 32E, Lea County, New Mexico.

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Back in October 2022 the majority of the mass load of Chloride in the affected areas was in the top (1ft) foot, because of the recent rains this has changed. Attached is a presentation and update presented to the BLM (the surface owner on the southern side). Currently the top four feet of the northern half and the top six feet of the southern half are below 600ppm Cl-. The site currently meets table (1) one standards for closure with groundwater greater than 105ft. Because of the volume of produced water, the site handles AEA request the ability to change the surface contours to reduce the leaching potential of any current and future chloride both latterly and horizontally.

The email and attachment is in appendix C of this document.

Remediation Activities

Remedial excavation was conducted to a depth of six (6) feet starting October 2023. Table 4 below shows the floor and sidewalls of the southern excavation (AEA) prepared an update to the NMOCD approved Site Assessment and Remediation Work plan submitted October 28th, 2022 and submitted it via email on 12/22/2023.

Table 4

| Sample ID | Sample Date | Depth (feet bgs) | Proposed Action/ Action Taken | BTEX mg/Kg | Benzene mg/Kg | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | Total TPH mg/Kg | Cl- mg/Kg |
|-----------------------|-------------|------------------|-------------------------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| NMED Closure Criteria | | | | 50 | 10 | | | | 2500 | 600/10000 |
| CS1 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 2240 |
| CS2 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| CS3 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 96 |
| CS4 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| CS5 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 128 |
| CS6 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 112 |
| CS7 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 176 |
| CS8 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3120 |
| CS9 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3080 |
| CS10 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 1840 |
| CS11 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 2200 |
| CS12 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3920 |
| CS13 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 12000 |
| CS14 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 5440 |
| CS15 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 4480 |
| CS16 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 1360 |
| CS17 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 2040 |
| CS18 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 1840 |
| CS19 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 128 |
| CS20 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 352 |
| CS21 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 256 |
| CS22 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 4080 |
| CS23 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3720 |
| CS24 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 4640 |
| CS25 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3120 |
| CS26 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 640 |
| CS27 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 864 |
| CS28 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |

The data collected December 20th, 2023, shows Cl concentrations accumulated near and under the pipelines. See Tables 3 through 5. AEA excavated all locations on the southside to six (6) feet. An

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estimated 2,480 cubic yards of affected soil were removed and disposed of at an NMOCD-approved facility in the release area. For safety reasons (in and around utilities), an estimated 863 cubic yards of soil will need to remain in place; see Figure 4.

To ensure a complete delineation of the southern BLM excavation, SESI guided a track hoe at five (5) locations within its boundaries, designated SP16,19,24,26,28 in Table 5 below.

Figure 4 shows the six (6) foot excavation areas and the requested deferral areas, along with the closure sample locations. Based on the NMOCD approval below, sample locations were collected for the total excavation area of six thousand eight hundred square feet (6,800 ^{ft}2) in a systematic cell of 500 ^{ft}2 each.

| | |
|------------|---|
| 03/08/2023 | Remediation Plan Approved with Conditions. Variance approved : Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than five hundred (500) square feet. Please clearly mark the outline of the excavation in the closure report. |
|------------|---|

$$\text{Samples} = \frac{\text{area (ft}^2\text{)}}{500 \text{ ft}^2}$$

All closure samples meet or exceed the fifty to one hundred (51- 100) ft to groundwater closure standards in 19.15.29 Table 1 except for the locations immediately adjacent to a utility, making further excavation unsafe (see Figure 4).

Sample location SW1-SW15 and BH1 -BH12 were all collected May 16th, 2024 in the open excavation, but one of the coolers was lost in shipment and samples SW10-SW11 and BH6-BH12 had to be recollected. Although the cooler was eventually found the samples were out of the 14-day laboratory hold time for EPA 8015.

Samples SW10-SW12 and BH6-BH12 were recollected after backfilling and revegetation with an AMS Probe SDS Max Rotary hammer drill to depths of six to six and half feet 6-6.5ft

Table 5

| Sample ID | Sample Date | Depth (feet bgs) | Proposed Action/ Action Taken | BTEX mg/Kg | Benzene mg/Kg | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | Total TPH mg/Kg | Cl- mg/Kg |
|-----------------------|-------------|------------------|-------------------------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| NMED Closure Criteria | | | | 50 | 10 | | | | 2500 | 600/20000 |
| SP28 | 5/16/2024 | 6 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 112 |
| SP26 | 5/16/2024 | 14 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 176 |
| SP24 | 7/17/2024 | 17 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 304 |
| SP16 | 7/17/2024 | 15 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 224 |
| SP19 | 7/17/2024 | 10 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 48 |

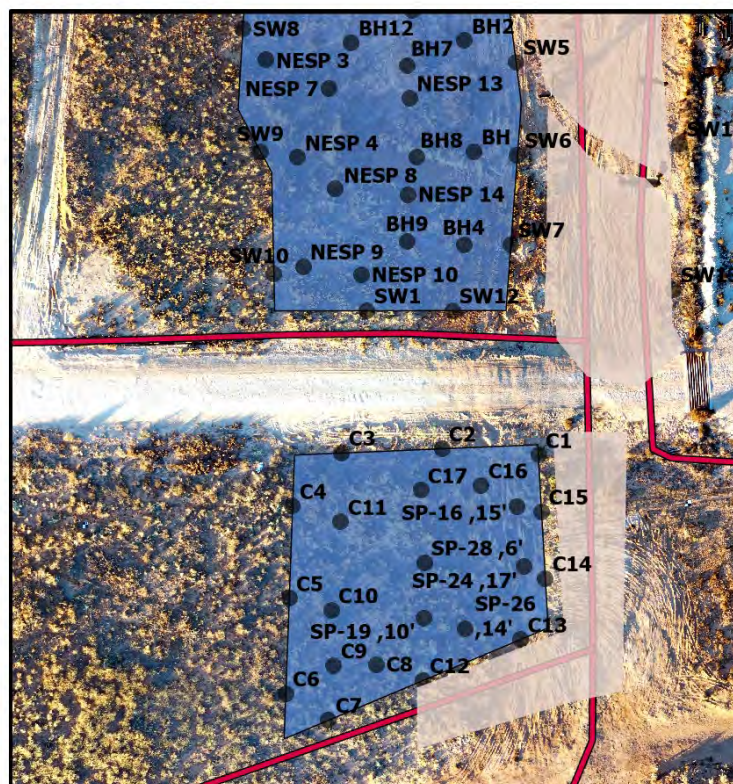
Figure 3 shows the extent of the excavation and existing sample locations. All laboratory results are summarized in Table 3-5. Laboratory reports are included in Appendix D.

All contaminated soil from the location was taken to an NMOCD approved facility (waste manifest will be available upon request).

As all discovered impacts are on the locations pad this Closure Plan does not address or require revegetation or restoration work.

4.0 Deferral Request and Limitations

As shown in figure 4 there is approximately 863 yards from the southern release area that is Chloride impacted in and around the area pipelines. The pond impoundment and neighboring SWD pad to the north and east are upgradient to the release area, as shown in contours in figure 6.



The general site drainage was from north to south, starting at the northern pond and eastern SWD pad down to the fee pasture across the lease road and out onto the BLM surface to the south. This north-to-south flow is the spill path that both releases followed. Because of the multiple releases (three 3) and the volume of produced water the site handles AEA requested from the landowner the ability to change the surface contours to reduce the leaching potential of any current and future chloride both latterly and horizontally.

The deferred areas have been bounded by four-to-five-foot (4-5 ft) ft soil berms, and the culvert that ran north to south bisecting the lease road has been removed.

The deferred areas are now two-four-foot (2-4ft) below surface grade, and a sump has been created. This should decrease the risk of future releases or rain events impacting areas outside of the utility corridor. AEA also followed **API 4663 Remediation of Salt-Affected Soils at Oil and Gas Production Facilities** guidance and installed at the bottom of the excavation with a Bentomat clay liner and installed dissimilar materials to form a capillary brake.

The construction of a burial vault within the excavation will further decrease the likelihood that Chloride impacts within the deferral areas will leach or move to affect neighboring soils. The [API | Managing Produced Water Releases](#) 4794 numerical modeling was used to identify the potential of the release to

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cause future groundwater impairment (see appendix C API Amigo). According to the API Amigo model, the deferred areas do not pose an imminent risk to human health, the environment, or groundwater. All inputs to API Amigo assumed that remedial excavation was not performed to be conservative in the interpretation.

The area soils are not classified as “sensitive by the NRCS” and are classified as non saline. The areas disturbed by the excavations or grading work performed by the AEA and its sub-contractors were revegetated as specified in the NMDOT Standard Specifications for Highway and Bridge Construction Section 632 ‘Seeding’ and the BLM Gold Book 2017. This work consisted of reseeded all areas that were denuded with vegetation during the facility’s remedial excavation operations.

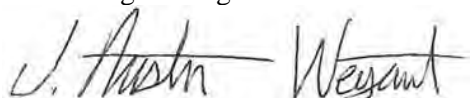
The reseeded work performed by AG Services July 2024 included. all backfilled topsoil was sourced from a neighbor pit within the soil series (NRCS).

- The site was irrigated with less than 1000 ppm TDS and less than 250 ppm Cl water to prevent dust and wind erosion during restoration.
- A slope of 0-3 percent was restored to match the area contours, and the area will be reseeded using NMSLO (LOAMY (L) SITES SEED MIXTURE) at double the published rates to accommodate for the use of hydroseeding.
- AEA also apply soil tackifier at NMDOT recommended rate of 100bs per acre to prevent erosion based on NMDOT Materials Quantities sheet in the appendix.
- A licensed NMDA applicator will conduct invasive weed removal/spray event the following spring to insure no noxious or invasive weeds are present in the revegetation areas.
-

The scope of our services included assessment sampling, verifying release stabilization, regulatory liaison, remediation, and preparing this closure report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Austin Weyant at 575-626-3993

Submitted by:
Atkins Engineering Associates INC



Austin Weyant
Environmental Project Manager

ATTACHMENTS:

Figures:

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Figure 1: NMOCD Setbacks and Site Map

Figure 2: Release and Sample Map

Figure 3: 6ft Excavation and Sample Map

Tables:

Table 2: NMOCD Closure Criteria Justification

Table 3: Summary of Site Assessment Sample Results

Table 4: Summary of 6ft Excavation Sample Results

Table 5: Summary of further Delineation Results

Appendices:

Appendix A: Form C141

Appendix B: Siting Documentation

Appendix C: Photo Log

Appendix D: Laboratory Analytical Reports

FIGURES

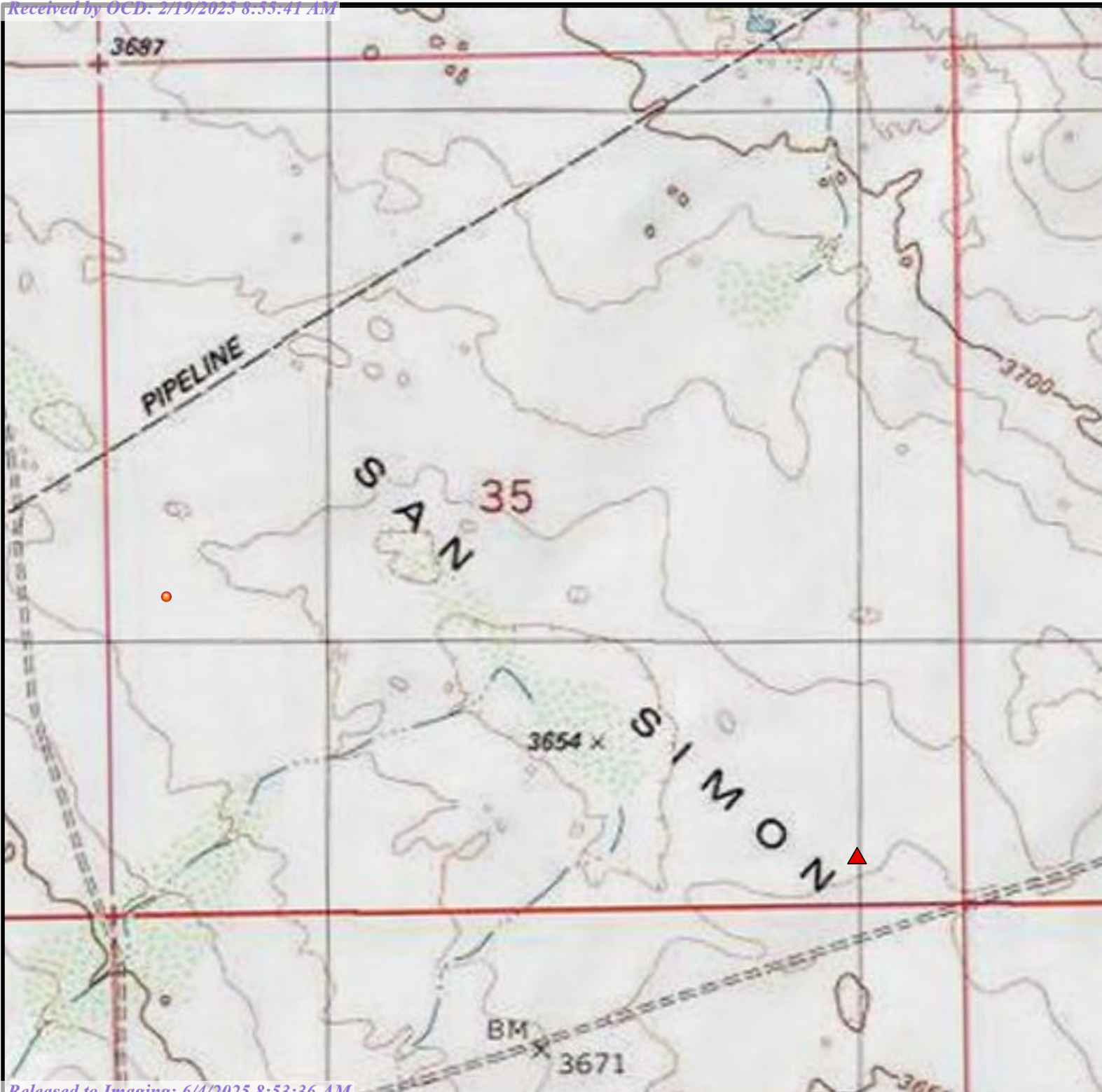
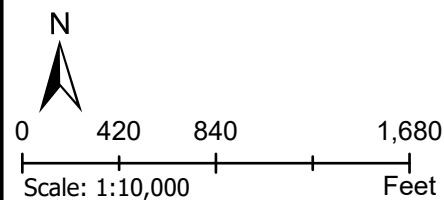


FIGURE 3
Excavation
Closure Samples

LEGEND

- ▲ Release Point
- OSE_PODs
- FEMA_Flood_Zones_2011



JOB No. zeuspit_env_22

DATE FIELD: 12/21/22 DRAWN JAW

DATE DRAWN: 8/21/2024 REVIEW LCM

Atkins
ENGINEERING ASSOCIATES

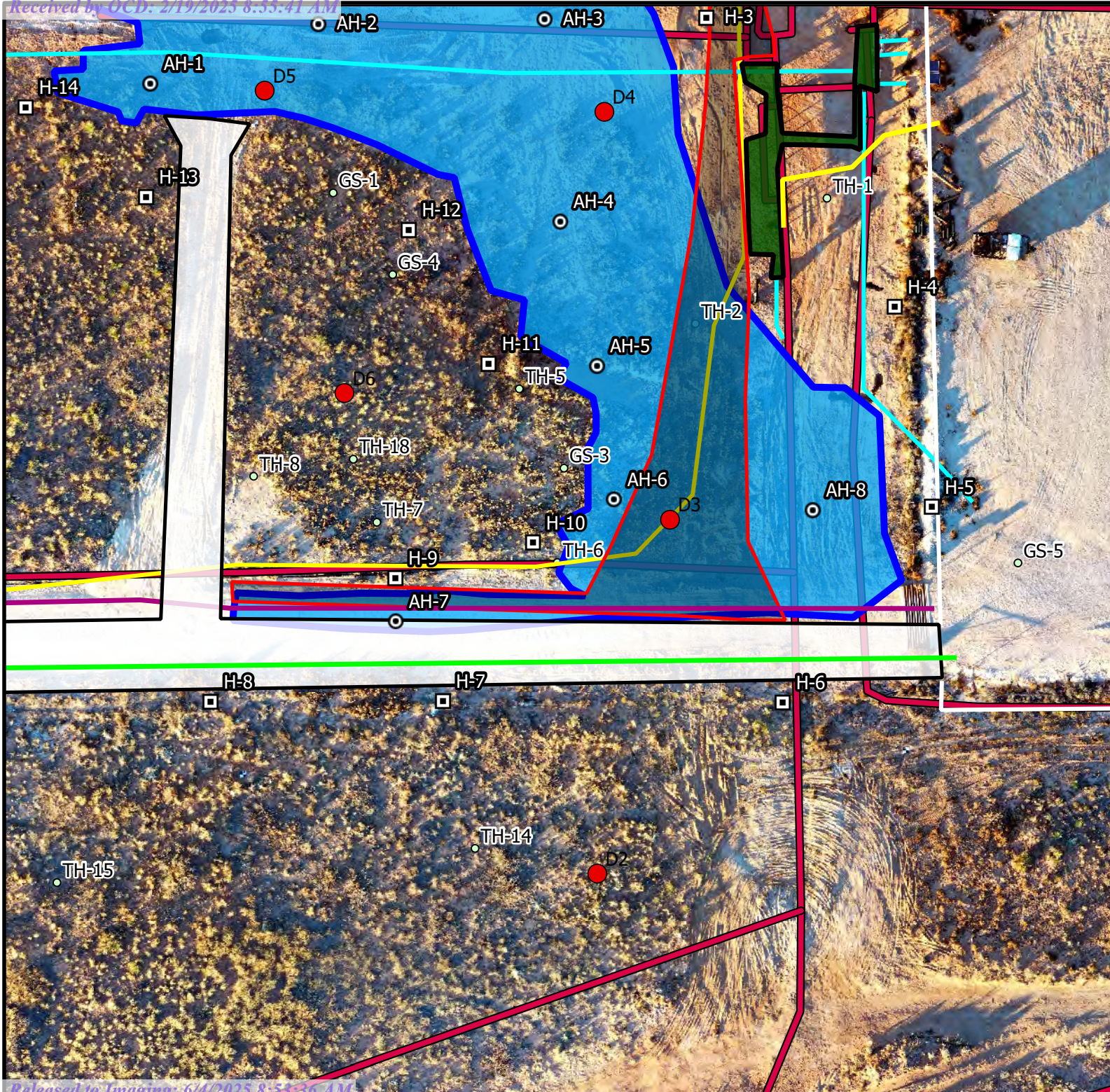
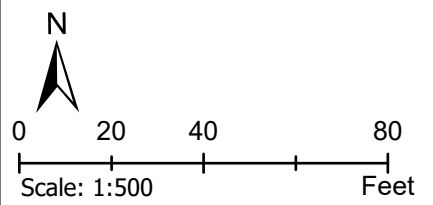


FIGURE 2
Zeus Assessment
Samples

LEGEND

- Pipeline
- ZeusPit_EnvirotechSample
- DPT_Rig



JOB No. zeuspit_env_22
DATE FIELD: 12/21/22 DRAWN JAW
DATE DRAWN: 8/21/2024 REVIEW LCM



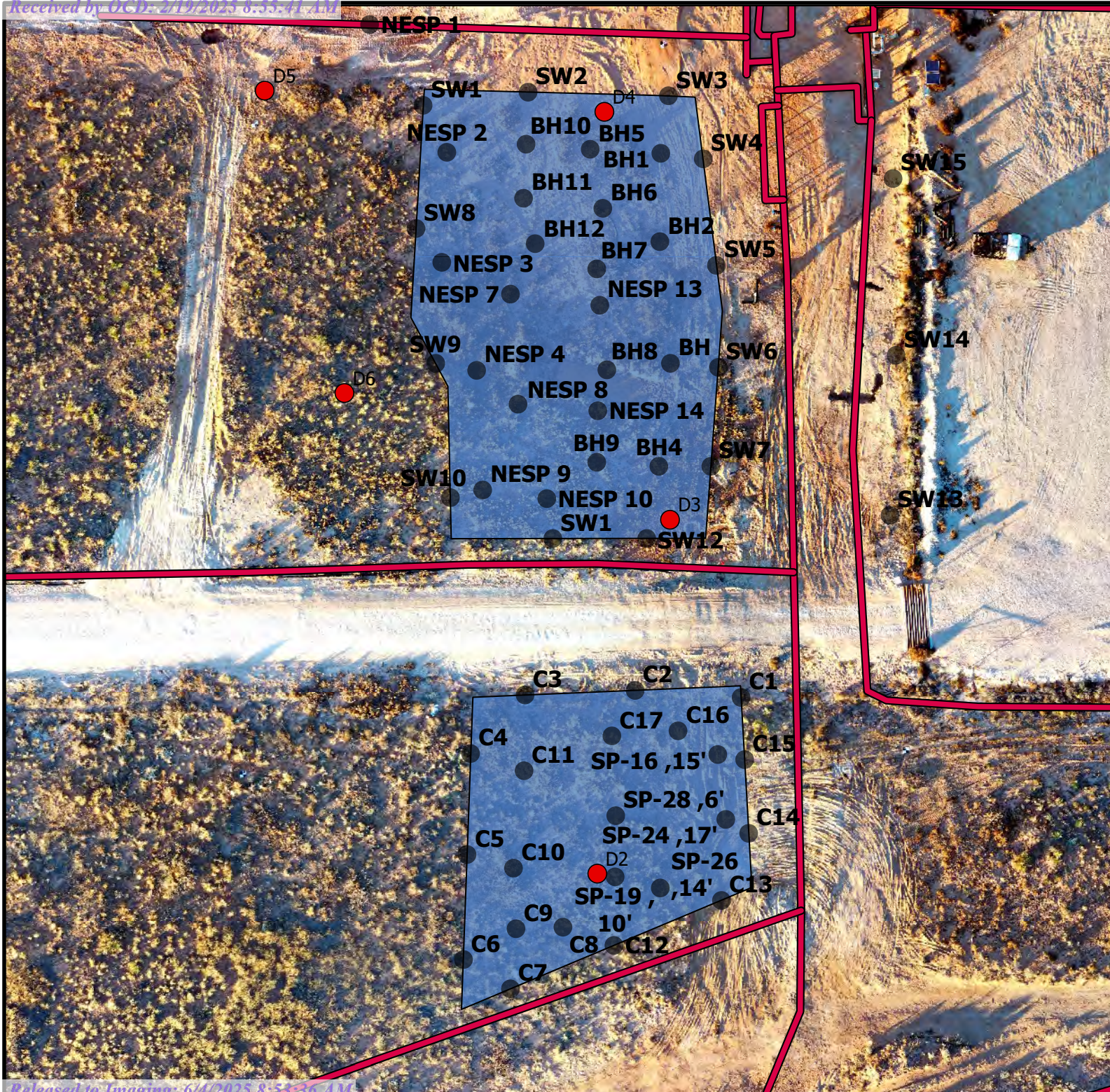
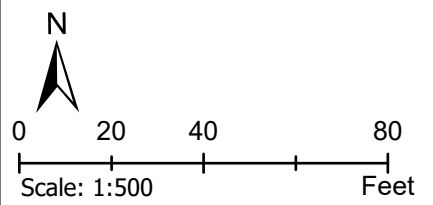


FIGURE 3
Excavation
Closure Samples

LEGEND

- Excavation Area
- Closure Sample Location
- Pipeline
- DPT_Rig



JOB No. zeuspit_env_22
DATE FIELD: 12/21/22 DRAWN JAW
DATE DRAWN: 8/21/2024 REVIEW LCM



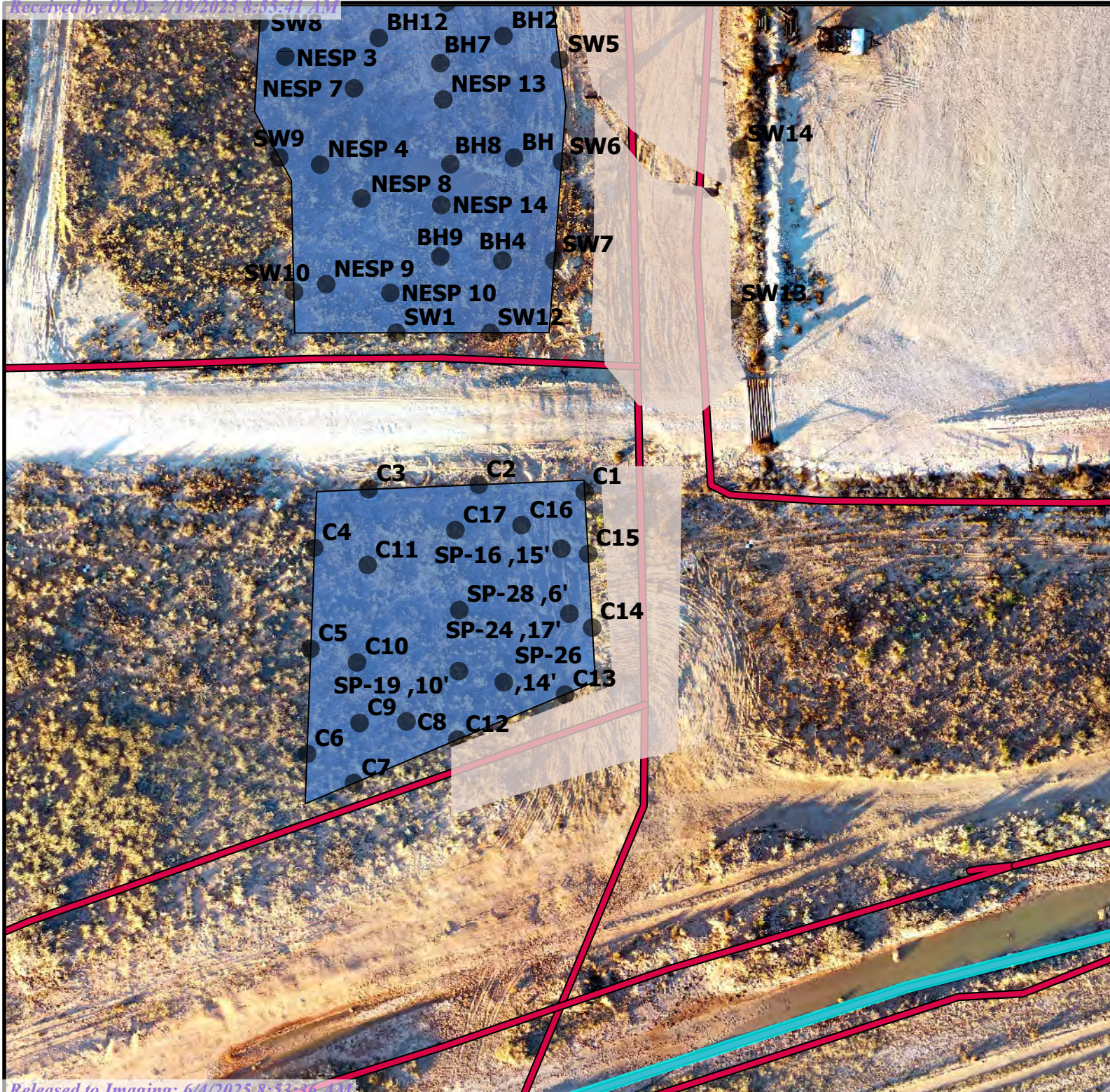
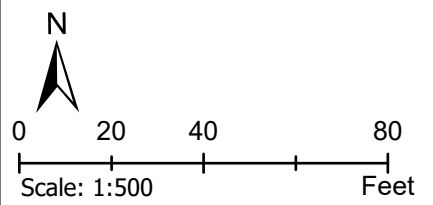


FIGURE 4
Zeus Excavation
6ft Samples

LEGEND

- Excavation Area
- Closure Sample Location
- Pipeline
- Deferral Area



JOB No. zeuspit_env_22
DATE FIELD: 12/21/22 DRAWN JAW
DATE DRAWN: 8/21/2024 REVIEW LCM



TABLES

Table 2:
NMOCD Closure Criteria

TETRA Technologies Inc./Swiftwater Inc
Dagger Lake Zeus Pond Release

| Site Information (19.15.29.11.A(2, 3, and 4) NMAC) | | Source/Notes |
|---|-----------|--------------|
| Depth to Groundwater (feet bgs) | 110 ft | C04566 |
| Horizontal Distance From All Water Sources Within 1/2 Mile (ft) | 2.5 miles | USA Topo |
| Horizontal Distance to Nearest Significant Watercourse (ft) | 2.5 miles | USA Topo |

| Closure Criteria (19.15.29.12.B(4) Table 2 | | | | | | |
|---|-----------|---|------|-----------|------|---------|
| Depth to Groundwater | | Closure Criteria (units in mg/kg) | | | | |
| | | Chloride *numerical limit or background, whichever is greater | TPH | GRO + DRO | BTEX | Benzene |
| < 50' BGS | | 600 | 100 | | 50 | 10 |
| 51' to 100' | | 10000 | 2500 | 1000 | 50 | 10 |
| >100' | 110 | 20000 | 2500 | 1000 | 50 | 10 |
| Surface Water | yes or no | if yes, then | | | | |
| <300' from continuously flowing watercourse or other significant watercourse? | no | 600 | 100 | | 50 | 10 |
| <200' from lakebed, sinkhole or playa lake? | no | | | | | |
| Water Well or Water Source | | | | | | |
| <500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes? | no | | | | | |
| <1000' from fresh water well or spring? | no | | | | | |
| Human and Other Areas | | | | | | |
| <300' from an occupied permanent residence, school, hospital, institution or church? | no | | | | | |
| within incorporated municipal boundaries or within a defined municipal fresh water well field? | no | | | | | |
| <100' from wetland? | no | | | | | |
| within area overlying a subsurface mine | no | | | | | |
| within an unstable area? | no | | | | | |
| within a 100-year floodplain? | no | | | | | |

Table 3:
Summary of Site Assessment Sample Results

Dagger Lake Zeus Pond Release

| Sample ID | Sample Date | Depth (feet bgs) | Proposed Action/ Action Taken | BTEX mg/Kg | Benzene mg/Kg | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | Total TPH mg/Kg | CI- mg/Kg |
|-----------------------|-------------|------------------|-------------------------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| NMED Closure Criteria | | | | 50 | 10 | | | | 2500 | 600 |
| H3 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 173 |
| H4 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 247 |
| H5 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 288 |
| H6 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 155 |
| H7 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 145 |
| H8 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 248 |
| H9 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 131 |
| H10 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 313 |
| H11 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 59.1 |
| H12 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 53.3 |
| H13 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 33.6 |
| H14 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 162 |
| H15 | 3/16/2023 | 0.5 | insitu | <0.00398 | <0.002 | <49 | <49 | <49 | <49 | 90.4 |
| D1-1 | 8/30/2023 | 1 | excavted | "--" | "--" | "--" | "--" | "--" | "--" | 3120 |
| D1-2 | 8/30/2023 | 2 | excavted | "--" | "--" | "--" | "--" | "--" | "--" | 1680 |
| D1-4 | 8/30/2023 | 4 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 160 |
| D1-6 | 8/30/2023 | 6 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 32 |
| D2-1 | 8/30/2023 | 1 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 48 |
| D2-2 | 8/30/2023 | 2 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 32 |
| D3-4 | 8/30/2023 | 4 | excavted | "--" | "--" | "--" | "--" | "--" | "--" | 1880 |
| D3-6 | 8/30/2023 | 6 | excavted | "--" | "--" | "--" | "--" | "--" | "--" | 1100 |
| D3-8 | 8/30/2023 | 8 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 80 |
| D3-9 | 8/30/2023 | 9 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 80 |
| D4-6 | 8/30/2023 | 6 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 32 |
| D4-8 | 8/30/2023 | 8 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 48 |
| D5-6 | 8/30/2023 | 6 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 272 |
| D5-8 | 8/30/2023 | 8 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 144 |
| D6-8 | 8/30/2023 | 8 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 3600 |
| D6-10 | 8/30/2023 | 10 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 896 |
| D6-12 | 8/30/2023 | 12 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 1100 |
| D6-14 | 8/30/2023 | 14 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 96 |
| D6-16 | 8/30/2023 | 16 | insitu | "--" | "--" | "--" | "--" | "--" | "--" | 112 |

"--" = Not Analyzed

Table 4:
Summary of Closure Sample Results

Dagger Lake Zeus Pond Release
(NAPP2222961063)

| Sample ID | Sample Date | Depth (feet bgs) | Proposed Action/ Action Taken | BTEX mg/Kg | Benzene mg/Kg | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | Total TPH mg/Kg | Cl- mg/Kg |
|-----------------------|-------------|------------------|-------------------------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| NMED Closure Criteria | | | | 50 | 10 | | | | 2500 | 600/20000 |
| CS1 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 2240 |
| CS2 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| CS3 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 96 |
| CS4 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 32 |
| CS5 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 128 |
| CS6 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 112 |
| CS7 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 176 |
| CS8 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3120 |
| CS9 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3080 |
| CS10 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 1840 |
| CS11 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 2200 |
| CS12 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3920 |
| CS13 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 12000 |
| CS14 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 5440 |
| CS15 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 4480 |
| CS16 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 1360 |
| CS17 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 2040 |
| CS18 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 1840 |
| CS19 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 128 |
| CS20 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 352 |
| CS21 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 256 |
| CS22 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 4080 |
| CS23 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3720 |
| CS24 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 4640 |
| CS25 | 12/20/2023 | 6 | insitu/pipeline | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3120 |
| CS26 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 640 |
| CS27 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 864 |
| CS28 | 12/20/2023 | 6 | insitu | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 64 |
| SP28 | 5/16/2024 | 6 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 112 |
| SP26 | 5/16/2024 | 14 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 176 |
| SP24 | 7/17/2024 | 17 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 304 |
| SP16 | 7/17/2024 | 15 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 224 |
| SP19 | 7/17/2024 | 10 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 48 |

"--" = Not Analyzed

Table 5:
Summary of Closure Sample Results

Dagger Lake Zeus Pond Release
(NAPP2222961063)

| Sample ID | Sample Date | Depth (feet bgs) | Proposed Action/ Action Taken | BTEX mg/Kg | Benzene mg/Kg | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | Total TPH mg/Kg | Cl- mg/Kg |
|-----------------------|-------------|------------------|-------------------------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| NMED Closure Criteria | | | | 50 | 10 | | | | 2500 | 600/20000 |
| SP28 | 5/16/2024 | 6 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 112 |
| SP26 | 5/16/2024 | 14 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 176 |
| SP24 | 7/17/2024 | 17 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 304 |
| SP16 | 7/17/2024 | 15 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 224 |
| SP19 | 7/17/2024 | 10 | insitu | <0.300 | <0.050 | <20.0 | <25.0 | <50.0 | <100.0 | 48 |

"--" = Not Analyzed

APPENDIX A FORMS C141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|----------------|----------------|
| Incident ID | nAPP2222961063 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | |
|--|---------------------------------|
| Responsible Party: Chevron USA | OGRID: 4323 |
| Contact Name: Amy Barnhill | Contact Telephone: 432-687-7108 |
| Contact email: ABarnhill@chevron.com | Incident # (assigned by OCD) |
| Contact mailing address: 6301 Deauville Blvd Midland, Tx 79706 | |

Location of Release Source

Latitude 32.4281 _____ Longitude -103.639114 _____
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|----------------------------------|----------------------|
| Site Name: Dagger Lake Zeus Pond | Site Type: Water |
| Date Release Discovered: 8-12-22 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| P | 35 | 21S | 32E | Lea |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|--|--|---|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 1715.4 bbls | Volume Recovered (bbls) 480 bbls |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

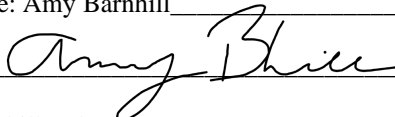
Cause of Release: Normal operation night shift pump operator put the pump to recirculate back into the pond and the recirculation line became unstrapped and began spilling on the berm.

| | |
|----------------|----------------|
| Incident ID | nAPP2222961063 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? Over 25 bbls |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Amy Barnhill notified Mike Bratcher on 8-12-22 via email. | |

Initial Response

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

| | |
|--|-------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped. | |
| <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. | |
| <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. | |
| <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | |
| If all the actions described above have <u>not</u> been undertaken, explain why: | |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| Printed Name: Amy Barnhill | Title: Water Specialist |
| Signature:  | Date: 8-17-22 |
| email: ABarnhill@chevron.com | Telephone: 432-687-7108 |
| <u>OCD Only</u> | |
| Received by: Jocelyn Harimon | Date: 08/18/2022 |

| | |
|----------------|----------------|
| Incident ID | nAPP2222961063 |
| District RP | |
| Facility ID | |
| Application ID | |

Spill Calculations:

| Area | Shape | Length in feet | Width in feet | Diameter (for circular) | Standing Depth in inches | Depth in Soil in inches | Standing Volume | In Soil Volume | Total Volume |
|------|-----------|-------------------|------------------|-------------------------------|--------------------------------|----------------------------------|--------------------|-------------------|-----------------|
| 1 | Rectangle | 187.00 | 187.00 | | 1.000 | 2.000 | 519.02 | 155.71 | 674.72 |
| 2 | Rectangle | 174.60 | 174.60 | | 2.000 | 2.000 | 904.94 | 135.74 | 1040.68 |

Total Volume BBLs 1715.40

APPENDIX B

NMOSE WELLS REPORT



New Mexico Office of the State Engineer

Transaction Summary

EXPL Permit To Explore

Transaction Number: 703676

Transaction
Desc:

C 04566 POD1

File Date: 08/02/2021

Primary Status: PMT Permit

Secondary Status: APR Approved

Status:





Person Assigned: *****

Applicant: ADVANCED ENERGY PARTNERS

Contact: BRADEN HARRIS

x

Events

| | Date | Type | Description | Comment | Processed By |
|---|------------|------|-------------------------------|----------------|--------------|
|  get images | 08/02/2021 | APP | Application Received | * | ***** |
| | 08/11/2021 | FTN | Finalize non-published Trans. | | ***** |
|  get images | 08/12/2021 | TEC | Technical Report | *PLG PLAN POD1 | ***** |
|  get images | 10/22/2021 | LOG | Well Log Received | * | ***** |
|  get images | 10/22/2021 | LGI | Well Log Image | *PLG RECORD C- | ***** |
| | 10/27/2021 | DRY | Dry well log received | | ***** |
| | 11/10/2021 | QAT | Quality Assurance Completed | DATA | ***** |
| | 11/16/2021 | QAT | Quality Assurance Completed | IMAGE | ***** |

x

Water Right Information

| WR File Nbr | Acres | Diversion | Consumptive | Purpose of Use |
|-------------|-------|-----------|-------------|---------------------|
| C 04566 | 0 | 0 | | MON MONITORING WELL |

**Point of Diversion

C 04566 POD1 627930 3588524 

x

Remarks

"ANDERSON FEDERAL. A SOIL BORING TO DETERMINE DEPTH UP TO 110 FEET. TEMPORARY PVC WELL MATERIAL WILL BE PLACED TO TOTAL DEPTH AND SECURED AT SURFACE. TEMPORARY WELL WILL BE IN PLACE FOR MINIMUM OF 72 HOURS. IF GROUND WATER IS ENCOUNTERED

THE BORING WILL BE PLUGGED IMMEDIATELY USING AUGERS AS TREMIE TO LAND A SLURRY OF PORTLAND TYPE I/II NEAT CEMENT LESS THAN 6.0 GALLONS OF WATER PER 94 LB SACK. IF NO WATER IS ENCOUNTERED THEN DRILL CUTTINGS WILL BE USED TO (10) TEN FEET OF-

LAND SURFACE AND PLUGGED USING HYDRATED BENTONITE."

x



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| | | | | | | | |
|---|---|---|-------------------------------------|--|---|------------------------------|--------------------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) CP-1701-POD1 | | WELL TAG ID NO. | | OSE FILE NO(S) | | |
| | WELL OWNER NAME(S) The Jimmy Mills GST and 2005 GST Trusts | | | | PHONE (OPTIONAL) | | |
| | WELL OWNER MAILING ADDRESS c/o Stacey Mills PO Box 1359 | | | | CITY Loving | STATE NM | |
| | | | | | ZIP 88256-1358 | | |
| 2. DRILLING & CASING INFORMATION | WELL LOCATION (FROM GPS) | DEGREES LATITUDE 32 | MINUTES 26 | SECONDS 0.5 | N | | |
| | | LONGITUDE 103 | 39 | 10.1 | W | | |
| | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | | | | | | |
| | * DATUM REQUIRED: WGS 84 | | | | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE | | | | | | | |
| 3. ANNULAR MATERIAL | LICENSE NO. WD1706 | NAME OF LICENSED DRILLER Bryce Wallace | | | NAME OF WELL DRILLING COMPANY Elite Drillers Corporation | | |
| | DRILLING STARTED 10/15/18 | DRILLING ENDED 11/29/18 | DEPTH OF COMPLETED WELL (FT) 840 | BORE HOLE DEPTH (FT) 880 | DEPTH WATER FIRST ENCOUNTERED (FT) 560 | | |
| | COMPLETED WELL IS: <input checked="" type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) 457 | | |
| | DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | |
| | DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY: | | | | | | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) |
| | FROM | TO | | | | | |
| | 0 | 20 | 12.75 | ASTM53 Grade B Steel | N/A | 12.57 | .188 |
| | +2 | 460 | 12.25 | ASTM53 Grade B steel | Welded | 6.065 | .28 |
| | 460 | 840 | 12.25 | SDR17 PVC | Spline | 6 | SDR17 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT | |
| | FROM | TO | | | | | |
| | 0 | 20 | 12.75 | Portland I/II Cement | 17 | Pour | |
| | 0 | 453 | 12.25 | Baroid Benseal Grout | 247 | Trimmic | |
| | 453 | 860 | 12.25 | 8/16 Silica Sand | 285 | Pour | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

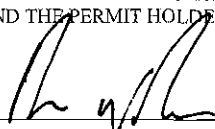
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

| | | | | | |
|----------|---------|---------------|-----------------|---------|-------------|
| FILE NO. | CP-1701 | POD NO. | 1 | TRN NO. | 619305 |
| LOCATION | Expi | 215.32E.35.31 | WELL TAG ID NO. | | PAGE 1 OF 2 |

| 4. HYDROGEOLOGIC LOG OF WELL | DEPTH (feet bgl) | | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | | ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm) |
|--|------------------|-----|---------------------|--|--------------------------------------|---|--|
| | FROM | TO | | | | | |
| | 0 | 5 | 5 | Topsoil | Y | N | |
| | 5 | 8 | 3 | Caliche | Y | N | |
| | 8 | 80 | 72 | Tan/Red sandy caliche | Y | N | |
| | 80 | 190 | 110 | Red clay | Y | N | |
| | 190 | 400 | 210 | Tan/Red sandstone | Y | N | |
| | 400 | 560 | 160 | Red siltstone | Y | N | |
| | 560 | 575 | 15 | Red siltstone/Gyp | ✓ Y | N | 5.00 |
| | 575 | 750 | 175 | Red siltstone | Y | N | |
| | 750 | 770 | 20 | Red siltstone/Gyp | ✓ Y | N | 25.00 |
| | 770 | 840 | 70 | Red siltstone | Y | N | |
| | 840 | 880 | 40 | Red Shale | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: | | | | | TOTAL ESTIMATED WELL YIELD (gpm): | | |
| <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: | | | | | 30.00 | | |

| 5. TEST, RIG SUPERVISION | WELL TEST | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. |
|--------------------------|---|---|
| | | MISCELLANEOUS INFORMATION: |
| | PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: | |

| 6. SIGNATURE | THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING: | |
|--------------|---|------------|
| |  Bryce Wallace | 12/10/2018 |
| | SIGNATURE OF DRILLER / PRINT SIGNED NAME | DATE |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/2017)

| | | |
|-----------------------------|-------------------|----------------|
| FILE NO. CP-1701 | POD NO. 1 | TRN NO. 419305 |
| LOCATION Expl 215.32E.35.31 | WELL TAG ID NO. — | PAGE 2 OF 2 |

APPENDIX C

PHOTO LOG AND FIELD NOTES



☀ 208°SW (T) LAT: 32.428115 LON: -103.638888 ±9ft ▲ 3688ft



APPENDIX D

LABORATORY ANALYTICAL REPORTS



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

August 31, 2023

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: DAGGER LAKE ZEUS POND

Enclosed are the results of analyses for samples received by the laboratory on 08/31/23 11:00.

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

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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 08/31/2023
 Reported: 08/31/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS SWD

Sampling Date: 08/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DP 1 - 1FT (H234733-01)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3120 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 1 - 2FT (H234733-02)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1680 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 1 - 4FT (H234733-03)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 1 - 6FT (H234733-04)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 08/31/2023 | Sampling Date: | 08/30/2023 |
| Reported: | 08/31/2023 | Sampling Type: | Soil |
| Project Name: | DAGGER LAKE ZEUS POND | Sampling Condition: | Cool & Intact |
| Project Number: | ATK - 22 - 001 | Sample Received By: | Tamara Oldaker |
| Project Location: | ATKINS - ZEUS SWD | | |

Sample ID: DP 2 - SURFACE (H234733-05)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 2 - 4FT (H234733-06)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 3 - 4FT (H234733-07)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1880 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 3 - 6FT (H234733-08)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1100 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 3 - 8FT (H234733-09)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 08/31/2023
 Reported: 08/31/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS SWD

Sampling Date: 08/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DP 3 - 9FT (H234733-10)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 4 - 6FT (H234733-11)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 4 - 8FT (H234733-12)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 5 - 6FT (H234733-13)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 5 - 8FT (H234733-14)

| 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 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 08/31/2023
 Reported: 08/31/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS SWD

Sampling Date: 08/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DP 6 - 8FT (H234733-15)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3600 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 6 - 10FT (H234733-16)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 896 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 6 - 12FT (H234733-17)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1100 | 16.0 | 08/31/2023 | ND | 400 | 100 | 400 | 3.92 | |

Sample ID: DP 6 - 14FT (H234733-18)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 08/31/2023 | ND | 368 | 92.0 | 400 | 16.0 | |

Sample ID: DP 6 - 16FT (H234733-19)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 08/31/2023 | ND | 368 | 92.0 | 400 | 16.0 | |

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C 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



CARDINAL

Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 7 of 8

Company Name: Safety and Environmental Solutions

Project Manager: Bob Allen

Address: 703 East Clinton, PO Box 1613

City: Hobbs State: NM Zip: 88240

Phone #: 575 397-0510 Fax #: 575 393-4388

Project #: ATK-22-001 Project Owner: Atkins

Project Name: Dagger Lake Zeus Pond

Project Location: Zeus SWD

Sampler Name: Haden Able

FOR LAB USE ONLY

H234733

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

Chlorides

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

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Relinquished By:

Haden Able

Relinquished By:

Date: 8-31-23

Time: 1100

Date:

Time:

Received By:

Murphy

Received By:

Date:

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool Intact

Yes Yes

CHECKED BY:

(Initials)

20.

Phone Result:

Fax Result:

REMARKS:

ballen@sesi-nm.com

hable@sesi-nm.com

Reish Order

Phone Result: Yes No

Fax Result: Yes No

Add'l Phone #: 575 397 0510

Add'l Fax #:



CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Safety and Environmental Solutions
Project Manager: Bob Allen

Address: 703 East Clinton, PO Box 1613
City: Hobbs State: NM Zip: 88240

Phone #: 575 397-0510 Fax #: 575 393-4388

Project #: ATK-22-001 Project Owner: Atkins

Project Name: Dagger Lake Zeus Pond

Project Location:

Sampler Name:

FOR LAB USE ONLY

7034733

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

Chlorides

MATRIX

PRESERV.

SAMPLING

DATE

TIME

Chlorides

DATE

TIME

Chlorides

DATE

TIME

Chlorides

DATE

TIME

Chlorides

DATE

TIME

Chlorides

DATE

TIME

Chlorides

DATE

TIME

Chlorides

DATE

TIME

Chlorides

DATE

TIME

Chlorides

DP4-6ft

DP4-8ft

DP5-6ft

DP5-8ft

DP6-8ft

DP6-10ft

DP6-12ft

DP6-14ft

DP6-16ft

Date: 8-31-23

Time: 1100

Date:

Time:

Received By:

Received By:

Received By:

Received By:

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Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition

Cool Intact

Yes No

CHECKED BY:

(Initials)

CHECKED BY:

Phone Result:

Yes No

Fax Result:

Yes No

REMARKS:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

ballen @ sesi-nm.com
hable @ sesi-nm.com

Rush order



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

November 01, 2023

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: ZEUS POND

Enclosed are the results of analyses for samples received by the laboratory on 10/31/23 16:40.

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

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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 10/31/2023
 Reported: 11/01/2023
 Project Name: ZEUS POND
 Project Number: ATK-22-001
 Project Location: NONE GIVEN

Sampling Date: 10/31/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 28, 6' (H235972-01)

| 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 | 11/01/2023 | ND | 1.87 | 93.5 | 2.00 | 0.667 | |
| Toluene* | <0.050 | 0.050 | 11/01/2023 | ND | 1.98 | 98.9 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/01/2023 | ND | 2.00 | 99.9 | 2.00 | 0.445 | |
| Total Xylenes* | <0.150 | 0.150 | 11/01/2023 | ND | 5.96 | 99.4 | 6.00 | 0.776 | |
| Total BTX | <0.300 | 0.300 | 11/01/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 112 | 16.0 | 11/01/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2023 | ND | 185 | 92.3 | 200 | 2.58 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/01/2023 | ND | 159 | 79.5 | 200 | 7.56 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 10/31/2023
 Reported: 11/01/2023
 Project Name: ZEUS POND
 Project Number: ATK-22-001
 Project Location: NONE GIVEN

Sampling Date: 10/31/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 26, 14' (H235972-02)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/01/2023 | ND | 1.87 | 93.5 | 2.00 | 0.667 | |
| Toluene* | <0.050 | 0.050 | 11/01/2023 | ND | 1.98 | 98.9 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/01/2023 | ND | 2.00 | 99.9 | 2.00 | 0.445 | |
| Total Xylenes* | <0.150 | 0.150 | 11/01/2023 | ND | 5.96 | 99.4 | 6.00 | 0.776 | |
| Total BTX | <0.300 | 0.300 | 11/01/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 11/01/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2023 | ND | 185 | 92.3 | 200 | 2.58 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/01/2023 | ND | 159 | 79.5 | 200 | 7.56 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 10/31/2023
 Reported: 11/01/2023
 Project Name: ZEUS POND
 Project Number: ATK-22-001
 Project Location: NONE GIVEN

Sampling Date: 10/31/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 24, 17' (H235972-03)

| 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 | 11/01/2023 | ND | 1.87 | 93.5 | 2.00 | 0.667 | | |
| Toluene* | <0.050 | 0.050 | 11/01/2023 | ND | 1.98 | 98.9 | 2.00 | 1.08 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/01/2023 | ND | 2.00 | 99.9 | 2.00 | 0.445 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/01/2023 | ND | 5.96 | 99.4 | 6.00 | 0.776 | | |
| Total BTEx | <0.300 | 0.300 | 11/01/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 11/01/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2023 | ND | 185 | 92.3 | 200 | 2.58 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/01/2023 | ND | 159 | 79.5 | 200 | 7.56 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 10/31/2023
 Reported: 11/01/2023
 Project Name: ZEUS POND
 Project Number: ATK-22-001
 Project Location: NONE GIVEN

Sampling Date: 10/31/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 16, 15' (H235972-04)

| 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 | 11/01/2023 | ND | 1.87 | 93.5 | 2.00 | 0.667 | | |
| Toluene* | <0.050 | 0.050 | 11/01/2023 | ND | 1.98 | 98.9 | 2.00 | 1.08 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/01/2023 | ND | 2.00 | 99.9 | 2.00 | 0.445 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/01/2023 | ND | 5.96 | 99.4 | 6.00 | 0.776 | | |
| Total BTEX | <0.300 | 0.300 | 11/01/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 11/01/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2023 | ND | 185 | 92.3 | 200 | 2.58 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/01/2023 | ND | 159 | 79.5 | 200 | 7.56 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 10/31/2023
 Reported: 11/01/2023
 Project Name: ZEUS POND
 Project Number: ATK-22-001
 Project Location: NONE GIVEN

Sampling Date: 10/31/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 19, 10' (H235972-05)

| 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 | 11/01/2023 | ND | 1.87 | 93.5 | 2.00 | 0.667 | |
| Toluene* | <0.050 | 0.050 | 11/01/2023 | ND | 1.98 | 98.9 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/01/2023 | ND | 2.00 | 99.9 | 2.00 | 0.445 | |
| Total Xylenes* | <0.150 | 0.150 | 11/01/2023 | ND | 5.96 | 99.4 | 6.00 | 0.776 | |
| Total BTEX | <0.300 | 0.300 | 11/01/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/01/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2023 | ND | 185 | 92.3 | 200 | 2.58 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/01/2023 | ND | 159 | 79.5 | 200 | 7.56 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 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

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

[illegible]

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| | | | | | |
|--|--|--------------------------|---|---|----------------|
| Relinquished By: <i>David Boyer</i> | | Date: <i>10/31/23</i> | Received By: <i>Muhammad Alkhatib</i> | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: | | Time: <i>1640</i> | Received By: | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) | | Date: | Sample Condition | REMARKS: <i>Rush Analyses 24hrs</i> | |
| Sampler - UPS - Bus - Other: | | Time: | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> | CHECKED BY: (Initials) <i>Y.O.</i> | |
| | | | | | |



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

December 27, 2023

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: DAGGER LAKE ZEUS POND

Enclosed are the results of analyses for samples received by the laboratory on 12/20/23 15:52.

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.

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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 1 (H236793-01)

| 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 | 12/22/2023 | ND | 2.12 | 106 | 2.00 | 6.99 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.23 | 111 | 2.00 | 6.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.25 | 113 | 2.00 | 6.90 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.81 | 114 | 6.00 | 6.19 | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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 | 2240 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 0.00 | QM-07 |

| 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 | 12/22/2023 | ND | 191 | 95.5 | 200 | 0.181 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 195 | 97.4 | 200 | 3.85 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 2 (H236793-02)

| 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 | 12/22/2023 | ND | 2.12 | 106 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.23 | 111 | 2.00 | 6.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.25 | 113 | 2.00 | 6.90 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.81 | 114 | 6.00 | 6.19 | | |
| Total BTEx | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 191 | 95.5 | 200 | 0.181 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 195 | 97.4 | 200 | 3.85 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/20/2023 | Sampling Date: | 12/20/2023 |
| Reported: | 12/27/2023 | Sampling Type: | Soil |
| Project Name: | DAGGER LAKE ZEUS POND | Sampling Condition: | Cool & Intact |
| Project Number: | ATK - 22 - 001 | Sample Received By: | Tamara Oldaker |
| Project Location: | ATKINS - ZEUS POND | | |

Sample ID: CS 3 (H236793-03)

| 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 | 12/22/2023 | ND | 2.12 | 106 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.23 | 111 | 2.00 | 6.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.25 | 113 | 2.00 | 6.90 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.81 | 114 | 6.00 | 6.19 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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 | 96.0 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 191 | 95.5 | 200 | 0.181 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 195 | 97.4 | 200 | 3.85 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 4 (H236793-04)

| 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 | 12/22/2023 | ND | 2.12 | 106 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.23 | 111 | 2.00 | 6.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.25 | 113 | 2.00 | 6.90 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.81 | 114 | 6.00 | 6.19 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 191 | 95.5 | 200 | 0.181 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 195 | 97.4 | 200 | 3.85 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
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 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 5 (H236793-05)

| 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 | 12/22/2023 | ND | 2.12 | 106 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.23 | 111 | 2.00 | 6.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.25 | 113 | 2.00 | 6.90 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.81 | 114 | 6.00 | 6.19 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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 | 128 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 191 | 95.5 | 200 | 0.181 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 195 | 97.4 | 200 | 3.85 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
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 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 6 (H236793-06)

| 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 | 12/22/2023 | ND | 2.12 | 106 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.23 | 111 | 2.00 | 6.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.25 | 113 | 2.00 | 6.90 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.81 | 114 | 6.00 | 6.19 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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 | 112 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 191 | 95.5 | 200 | 0.181 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 195 | 97.4 | 200 | 3.85 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 7 (H236793-07)

| 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 | 12/22/2023 | ND | 2.12 | 106 | 2.00 | 6.99 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.23 | 111 | 2.00 | 6.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.25 | 113 | 2.00 | 6.90 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.81 | 114 | 6.00 | 6.19 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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 | 176 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
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 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 8 (H236793-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.12 | 106 | 2.00 | 6.99 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.23 | 111 | 2.00 | 6.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.25 | 113 | 2.00 | 6.90 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.81 | 114 | 6.00 | 6.19 | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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 | 3120 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
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 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 9 (H236793-09)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/21/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/21/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/21/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/21/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEX | <0.300 | 0.300 | 12/21/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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 | 3080 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 10 (H236793-10)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/21/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/21/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/21/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/21/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEx | <0.300 | 0.300 | 12/21/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1840 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 11 (H236793-11)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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 | 2200 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/20/2023 | Sampling Date: | 12/20/2023 |
| Reported: | 12/27/2023 | Sampling Type: | Soil |
| Project Name: | DAGGER LAKE ZEUS POND | Sampling Condition: | Cool & Intact |
| Project Number: | ATK - 22 - 001 | Sample Received By: | Tamara Oldaker |
| Project Location: | ATKINS - ZEUS POND | | |

Sample ID: CS 12 (H236793-12)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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 | 3920 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 13 (H236793-13)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 12000 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 14 (H236793-14)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEx | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5440 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/20/2023 | Sampling Date: | 12/20/2023 |
| Reported: | 12/27/2023 | Sampling Type: | Soil |
| Project Name: | DAGGER LAKE ZEUS POND | Sampling Condition: | Cool & Intact |
| Project Number: | ATK - 22 - 001 | Sample Received By: | Tamara Oldaker |
| Project Location: | ATKINS - ZEUS POND | | |

Sample ID: CS 15 (H236793-15)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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 | 4480 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
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 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 16 (H236793-16)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEx | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1360 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/20/2023 | Sampling Date: | 12/20/2023 |
| Reported: | 12/27/2023 | Sampling Type: | Soil |
| Project Name: | DAGGER LAKE ZEUS POND | Sampling Condition: | Cool & Intact |
| Project Number: | ATK - 22 - 001 | Sample Received By: | Tamara Oldaker |
| Project Location: | ATKINS - ZEUS POND | | |

Sample ID: CS 17 (H236793-17)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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 | 2040 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 18 (H236793-18)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEx | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1840 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 19 (H236793-19)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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 | 128 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/20/2023 | Sampling Date: | 12/20/2023 |
| Reported: | 12/27/2023 | Sampling Type: | Soil |
| Project Name: | DAGGER LAKE ZEUS POND | Sampling Condition: | Cool & Intact |
| Project Number: | ATK - 22 - 001 | Sample Received By: | Tamara Oldaker |
| Project Location: | ATKINS - ZEUS POND | | |

Sample ID: CS 20 (H236793-20)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEx | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 352 | 16.0 | 12/22/2023 | 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 21 (H236793-21)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 7.41 | QM-07 | |

| 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Analytical Results For:

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 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 22 (H236793-22)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4080 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 7.41 | |

| 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
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 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 23 (H236793-23)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEx | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3720 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
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 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 24 (H236793-24)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4640 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 25 (H236793-25)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3120 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 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:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 26 (H236793-26)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 640 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 12/22/2023 | ND | 208 | 104 | 200 | 0.425 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 197 | 98.6 | 200 | 0.0401 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 12/20/2023 | Sampling Date: | 12/20/2023 |
| Reported: | 12/27/2023 | Sampling Type: | Soil |
| Project Name: | DAGGER LAKE ZEUS POND | Sampling Condition: | Cool & Intact |
| Project Number: | ATK - 22 - 001 | Sample Received By: | Tamara Oldaker |
| Project Location: | ATKINS - ZEUS POND | | |

Sample ID: CS 27 (H236793-27)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEx | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 864 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 7.41 | |

| 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 | 12/22/2023 | ND | 214 | 107 | 200 | 3.24 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 214 | 107 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 12/20/2023
 Reported: 12/27/2023
 Project Name: DAGGER LAKE ZEUS POND
 Project Number: ATK - 22 - 001
 Project Location: ATKINS - ZEUS POND

Sampling Date: 12/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 28 (H236793-28)

| 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 | 12/22/2023 | ND | 2.05 | 103 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.15 | 108 | 2.00 | 5.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/22/2023 | ND | 2.13 | 107 | 2.00 | 6.14 | |
| Total Xylenes* | <0.150 | 0.150 | 12/22/2023 | ND | 6.44 | 107 | 6.00 | 6.09 | |
| Total BTEX | <0.300 | 0.300 | 12/22/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/22/2023 | ND | 416 | 104 | 400 | 7.41 | |

| 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 | 12/22/2023 | ND | 214 | 107 | 200 | 3.24 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/22/2023 | ND | 214 | 107 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/22/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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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
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 "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

[illegible]



CARDINAL

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|-------------------|--------------|---|------------|----------|-----|----------|--------|------------|------------|--------|-----------------|-------------|----------|----------|----------|--|--|--|--|--|--|--|--|
| Company Name: Safety and Environmental Solutions | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Bob Allen | | P.O. #: | | <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 805</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div> | | | | | | | | | | | | | | | | | | | | | |
| Address: 703 East Clinton, PO Box 1613 | | Company: Same | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88240 | | Attn: | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575 397-0510 Fax #: 575 393-4388 | | Address: | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: <i>Atk-22-001</i> Project Owner: <i>Atkins</i> | | City: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <i>Dagger Lake Zeus Pond</i> | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: <i>Zeus Pond South</i> | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <i>R. Martinez</i> | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| <i>H236793</i> | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>11</i> | <i>CS11</i> | <i>G</i> | <i>1</i> | | | <i>X</i> | | | | | | | <i>12-20-23</i> | <i>1225</i> | <i>X</i> | <i>X</i> | <i>X</i> | | | | | | | | |
| <i>12</i> | <i>CS12</i> | | | | | | | | | | | | | <i>1220</i> | | | | | | | | | | | |
| <i>13</i> | <i>CS13</i> | | | | | | | | | | | | | <i>1210</i> | | | | | | | | | | | |
| <i>14</i> | <i>CS14</i> | | | | | | | | | | | | | <i>1205</i> | | | | | | | | | | | |
| <i>15</i> | <i>CS15</i> | <i>G</i> | <i>1</i> | | | <i>X</i> | | | | | | | | <i>1200</i> | | | | | | | | | | | |
| <i>16</i> | <i>CS16</i> | | | | | | | | | | | | <i>12-20-23</i> | <i>1150</i> | <i>X</i> | <i>X</i> | <i>X</i> | | | | | | | | |
| <i>17</i> | <i>CS17</i> | | | | | | | | | | | | | <i>1145</i> | | | | | | | | | | | |
| <i>18</i> | <i>CS18</i> | | | | | | | | | | | | | <i>1130</i> | | | | | | | | | | | |
| <i>19</i> | <i>CS19</i> | | | | | | | | | | | | | <i>1125</i> | | | | | | | | | | | |
| <i>20</i> | <i>CS20</i> | <i>G</i> | <i>1</i> | | | <i>X</i> | | | | | | | <i>12-20-23</i> | <i>1115</i> | <i>X</i> | <i>X</i> | <i>X</i> | | | | | | | | |

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| | | | | |
|-------------------------------------|--------------------|---|---|------------------------------------|
| Relinquished By: <i>R. Martinez</i> | Date: <i>12-20</i> | Received By: <i>[Signature]</i> | Phone Result: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: <i>575 397 0510</i> |
| | Time: <i>1552</i> | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: | Date: | Received By: | REMARKS: | |
| | Time: | | <i>[Signature]</i> | |
| Delivered By: (Circle One) | | Sample Condition | CHECKED BY: <i>[Signature]</i> | |
| Sampler - UPS - Bus - Other: | <i>5.8c</i> | Cool Intact | b. allen @ sesi-nm.com | |
| | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | R. Martinez @ sesi-nm.com | |
| | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | H. Able @ sesi-nm.com | |
| | | | H. Boyer @ sesi-nm.com | |



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-------------------------------|-------------|--|------|----------|--------|----------|------------|------------|--------|----------|-------|---|---|---|--|--|--|--|--|--|--|--|
| Company Name: Safety and Environmental Solutions | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Bob Allen | | P.O. #: | | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 805</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div> | | | | | | | | | | | | | | | | | | | | |
| Address: 703 East Clinton, PO Box 1613 | | Company: Same | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88240 | | Attn: | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575 397-0510 Fax #: 575 393-4388 | | Address: | | | | | | | | | | | | | | | | | | | | | | |
| Project #: ATK-22-001 Project Owner: ATKINS | | City: | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Dagger Lake Zeus Pond | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Zeus Pond South | | Phone #: | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: R. Martinez | | Fax #: | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (GRAB OR (C)OMP. # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | |
| 4236793 | CS 21 | 1 | | | X | | | | | | | 12-20-23 | 11:10 | X | X | X | | | | | | | | |
| 21 | CS 22 | 1 | | | | | | | | | | 12-20-23 | 11:05 | | | | | | | | | | | |
| 22 | CS 23 | 1 | | | | | | | | | | 12-20-23 | 11:00 | | | | | | | | | | | |
| 23 | CS 24 | 1 | | | X | | | | | | | 12-20-23 | 10:55 | | | | | | | | | | | |
| 24 | CS 25 | 1 | | | | | | | | | | 12-20-23 | 10:50 | | | | | | | | | | | |
| 25 | CS 26 | 1 | | | | | | | | | | 12-20-23 | 10:45 | | | | | | | | | | | |
| 26 | CS 27 | 1 | | | | | | | | | | 12-20-23 | 10:40 | | | | | | | | | | | |
| 27 | CS 28 | 1 | | | X | | | | | | | 12-20-23 | 10:35 | X | X | X | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | |

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

| | | | | |
|-------------------------------------|-------------|--|---|-----------------------------|
| Relinquished By: <i>R. Martinez</i> | Date: 12-20 | Received By: <i>Laura R. Martinez</i> | Phone Result: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: 575 397 0610 |
| | Time: 1652 | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: | Date: | Received By: | REMARKS: | |
| | Time: | | <i>Rush</i> ballen@sesi-nm.com R. Martinez @ sesi-nm.com H. Able @ sesi-nm.com H. Boyer @ sesi-nm.com | |
| Order By: (Circle One) | #140 | Sample Condition | CHECKED BY: (Initials) | |
| PS - Bus - Other: | 5-82 | <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |

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

QUESTIONS

Action 433371

QUESTIONS

| | |
|--|---|
| Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706 | OGRID: 4323 |
| | Action Number: 433371 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2222961063 |
| Incident Name | NAPP2222961063 DAGGER LAKE ZEUS POND @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Facility | [FV2203339361] ZEUS CONTAINMENT |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|-----------------------|
| Site Name | DAGGER LAKE ZEUS POND |
| Date Release Discovered | 08/12/2022 |
| 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 Other (Specify) Produced Water Released: 1,715 BBL Recovered: 480 BBL Lost: 1,235 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| 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) | Lay flat hose recirculation line became un-strapped |

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QUESTIONS, Page 2

Action 433371

QUESTIONS (continued)

| | |
|--|---|
| Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706 | OGRID: 4323 |
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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: (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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 02/19/2025 |
|--|---|

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QUESTIONS, Page 3

Action 433371

QUESTIONS (continued)

| | |
|--|---|
| Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706 | OGRID: 4323 |
| | Action Number: 433371 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|--------------------------------|
| Site Characterization | |
| <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 |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 1000 (ft.) and ½ (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1000 (ft.) and ½ (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1000 (ft.) and ½ (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1000 (ft.) and ½ (mi.) |
| Any other fresh water well or spring | Between 1000 (ft.) and ½ (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Between 1000 (ft.) and ½ (mi.) |
| A wetland | Between 1000 (ft.) and ½ (mi.) |
| A subsurface mine | Between 1000 (ft.) and ½ (mi.) |
| An (non-karst) unstable area | Between 1000 (ft.) and ½ (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between 1000 (ft.) and ½ (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | Yes |

| | |
|---|------------|
| Remediation Plan | |
| <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 |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 7060 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 49 |
| GRO+DRO (EPA SW-846 Method 8015M) | 49 |
| 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 | 10/01/2023 |
| On what date will (or did) the final sampling or liner inspection occur | 05/16/2024 |
| On what date will (or was) the remediation complete(d) | 05/30/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 10900 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 5450 |
| What is the estimated surface area (in square feet) that will be remediated | 10900 |
| What is the estimated volume (in cubic yards) that will be remediated | 5450 |
| <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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QUESTIONS, Page 4

Action 433371

QUESTIONS (continued)

| | |
|--|----------------|
| Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706 | OGRID: |
| | 4323 |
| | Action Number: |
| | 433371 |
| Action Type: | |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

| | |
|--|---|
| Remediation Plan (continued) | |
| <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> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | LEA LAND LANDFILL [fEEM0112342028] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site 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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 02/19/2025 |
| <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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QUESTIONS, Page 5

Action 433371

QUESTIONS (continued)

| | |
|--|---|
| Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706 | OGRID: 4323 |
| | Action Number: 433371 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

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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QUESTIONS, Page 6

Action 433371

QUESTIONS (continued)

| | |
|--|---|
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| | Action Number: 433371 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 343996 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 05/16/2024 |
| What was the (estimated) number of samples that were to be gathered | 55 |
| What was the sampling surface area in square feet | 23000 |

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 | 10900 |
| What was the total volume (cubic yards) remediated | 5450 |
| 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 | 10900 |
| What was the total volume (in cubic yards) reclaimed | 5450 |
| Summarize any additional remediation activities not included by answers (above) | all spill was contained to the pad which will be reseeded when the pad is PA'd. |

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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 02/19/2025 |
|--|---|

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QUESTIONS, Page 7

Action 433371

QUESTIONS (continued)

| | |
|--|---|
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| | Action Number: 433371 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|---|----|
| Reclamation Report | |
| Only answer the questions in this group if all reclamation steps have been completed. | |
| Requesting a reclamation approval with this submission | No |

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CONDITIONS

Action 433371

CONDITIONS

| | |
|--|---|
| Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706 | OGRID: 4323 |
| | Action Number: 433371 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| nvez | None | 6/4/2025 |