

# Amended Remediation Summary & Soil Closure Request

## Mewbourne Oil Company PWMS Magnum Road Riser

Eddy County, New Mexico  
Unit Letter "P", Section 25, Township 25 South, Range 28 East  
Latitude 32.53939 North, Longitude 104.12453 West  
**NMOCD Reference No. nAPP2401652735**

Prepared By:

**Etech Environmental & Safety Solutions, Inc.**  
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**January 19, 2026**



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Carlsbad • Hobbs • Houston • Lafayette • Lubbock • Midland

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## 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Amended Remediation Summary & Soil Closure Request* for the release site known as the PWMS Magnum Road Riser. Details of the release are summarized below:

## Location of Release Source

Latitude: 32.53939      Longitude: -104.12453  
Provided GPS are in WGS84 format.

Provided GPS are in WGS84 format.

|                          |                        |                        |          |
|--------------------------|------------------------|------------------------|----------|
| Site Name:               | PWMS Magnum Road Riser | Site Type:             | Pipeline |
| Date Release Discovered: | 1/7/2024               | API # (if applicable): | N/A      |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| "P"         | 25      | 25S      | 28E   | Eddy   |

Surface Owner:  State  Federal  Tribal  Private (Name \_\_\_\_\_)

## **Nature and Volume of Release**

|  |   |  |
|--|---|--|
| <input type="checkbox"/> Crude Oil                 | Volume Released (bbls)  | Volume Recovered (bbls)  |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 144  | Volume Recovered (bbls) 130  |
|  | 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"/> N/A |
| <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  | Volume/Weight Recovered  |

**Cause of Release:**

## Mechanical failure on a gate valve.

## Initial Response

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

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Permitting System.

## 2.0 SITE CHARACTERIZATION

|  |   |
|--|---|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?   | Between 26 and 50 (ft.)   |
| What method was used to determine the depth to groundwater?  | NMOSE iWaters Database  |
| Did the release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| What is the minimum distance between the closest lateral extents of the release and the following surface areas?           | 1,000 (ft.) to ½ (mi.)  |
| A continuously flowing watercourse or any other significant watercourse?   | 1 to 5 (mi.)  |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?   | > 5 (mi.)   |
| An occupied permanent residence, school, hospital, institution or church?  | ½ to 1 (mi.)  |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | ½ to 1 (mi.)  |
| Any other fresh water well or spring?  | 1 to 5 (mi.)  |
| Incorporated municipal boundaries or a defined municipal fresh water well field?   | 1,000 (ft.) to ½ (mi.)  |
| A wetland?   | 1 to 5 (mi.)  |
| A subsurface mine?   | 1,000 (ft.) to ½ (mi.)  |
| A (non-karst) unstable area?   | High  |
| Categorize the risk of this well/site being in a karst geology.  | 1 to 5 (mi.)  |
| A 100-year floodplain?   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production or storage site?                               |   |

Searches of databases maintained by the NMOCD, New Mexico Office of the State Engineer (NMOSE), and United States Geological Survey (USGS) were conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the PWMS Magnum Road Riser release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 4.

## 3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the Closure Criteria and Reclamation Standards for the PWMS Magnum Road Riser release site are as follows:

| Probable Depth to Groundwater | Constituent  | Laboratory Analytical Method      | Closure Criteria*† | Reclamation Standards*‡ |
|-------------------------------|--|-----------------------------------|--------------------|-------------------------|
| Between 26 and 50 (ft.) Feet  | Chloride (Cl-)                                       | EPA** 300.0 or SM4500 Cl B        | 600                | 600                     |
|                               | Total Petroleum Hydrocarbons (TPH)                   | EPA SW-846 Method 8015M Ext       | 100                | 100                     |
|                               | Gas Range Organics + Diesel Range Organics (GRO+DRO) | EPA SW-846 Method 8015M           | N/A                | N/A                     |
|                               | Benzene  | EPA SW-846 Methods 8021b or 8260b | 10                 | 10                      |
|                               | Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA SW-846 Methods 8021b or 8260b | 50                 | 50                      |

\* Measured in milligrams per kilogram (mg/kg)

\*\* Environmental Protection Agency

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standards apply only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

## 4.0 REMEDIATION ACTIVITIES SUMMARY

|  |   |  |
|--|---|--|
| Requesting a remediation plan approval with this submission?                                     | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Have the lateral and vertical extents of contamination been fully delineated?                    | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Was this release entirely contained within a lined containment area?                             | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| On what estimated date will (or did) the remediation commence?                                   | 1/19/2024                               |  |
| On what date will (or did) the final sampling or liner inspection occur?                         | 1/29/2024                               |  |
| On what date will (or was) the remediation complete(d)?  | 2/2/2024                                |  |
| What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed? | 12,270                                  |  |
| What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?            | 1,587                                   |  |
| What was the total surface area (sq. ft.) that has or will be remediated?                        | 12,270                                  |  |
| What was the total volume (cy) that has or will be remediated?                                   | 1,940                                   |  |
| This remediation utilized the following processes to remediate/reduce contaminants:              |   |  |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)                   | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)                           | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| (In Situ) Soil Vapor Extraction  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)                | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                               | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)                         | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Ground Water Abatement pursuant to 19.15.30 NMAC   | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Other (Non-listed remedial process)  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Which OCD approved facility was or will be used for off-site disposal?                           | R360 Halfway Facility                   |  |
| NMOCD Disposal Facility ID?  | fEEM0112334510                          |  |
| Summarize any additional remediation activities not included by answers above.                   | See below                               |  |

On January 19, 2024, remediation activities commenced at the PWMS Magnum Road Riser release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the Closure Criteria and/or Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavated area were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and/or Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

| Constituent | Highest Observable Concentration | Sample ID             | Sample Date          | Sample Depth (ft bgs) | Soil Status |
|-------------|----------------------------------|-----------------------|----------------------|-----------------------|-------------|
| Chloride    | 320                              | FL 8 @ 5'             | 1/24/24              | 5                     | In-Situ     |
| TPH         | <30.0                            | All submitted samples | 1/24, 1/25 & 1/29/24 | 0-10                  | In-Situ     |
| GRO+DRO     | <20.0                            | All submitted samples | 1/24, 1/25 & 1/29/24 | 0-10                  | In-Situ     |
| BTEX        | <0.300                           | All submitted samples | 1/24, 1/25 & 1/29/24 | 0-10                  | In-Situ     |
| Benzene     | <0.050                           | All submitted samples | 1/24, 1/25 & 1/29/24 | 0-10                  | In-Situ     |

*Please reference Table 1 for additional information.*

On January 24, 2024, Etech collected 19 confirmation soil samples (FL 1 @ 2' through FL 19 @ 5') from the floor of the excavated area. The soil samples were submitted to a certified commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and/or Reclamation Standards in each of the submitted soil samples.

On January 25, 2024, Etech collected 28 confirmation soil samples (NW1, EW1, EW2, SW1, SW2, WW1 through WW4, and FL 21 @ 3' through FL 39 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and/or Reclamation Standards in each of the submitted soil samples.

On January 29, 2024, Etech collected 27 confirmation soil samples (NW2, EW3, EW4, SW3, and FL 40 @ 6' through FL 62 @ 5.5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and/or Reclamation Standards in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 222 feet in length, 12 to 112 feet in width, and one (1) to ten (10) feet in depth. During the course of remediation activities, Etech transported approximately 1,940 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 2,260 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3A, "Sample Location Map". Soil chemistry data is summarized in Table 1. General photographs of the site are provided in Appendix B. Field data is provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

On March 12, 2024, based on laboratory analytical results and field activities conducted to that point, a *Remediation Summary & Soil Closure Request* was submitted to the NMOCD requesting regulatory closure of the release. The closure request was subsequently denied on May 15, 2024, on the basis that adequate documentation of the reclamation activities performed at the release site was not provided. On November 20, 2025, an amended *Remediation Summary & Soil Closure Request* (Amended Closure Request) was submitted to the NMOCD addressing the concerns raised and including all required documentation.

On December 19, 2025, the Amended Closure Request was rejected by the NMOCD due to perceived inconsistencies between the excavation depths reported in Table 1 and the provided photographic documentation, including the presence of an apparent higher section within the interior of the excavation. It was also noted that composite floor sample FL 20 was shown in Figure 3 but was missing from Table 1. The NMOCD requested appropriate updates to Table 1 and Figure 3 to address these discrepancies, as well as clarification on whether soil samples were collected along interior sidewalls (in addition to perimeter walls) to confirm that the excavation did not need to be further extended laterally.

In accordance with the NMOCD, the "Sample Location Map" (now designated as Figure 3A) has been updated to denote that composite floor sample FL 20 @ 3' was collected and field-screened, but was inadvertently not submitted for laboratory analysis. Table 1 has been updated to denote that sample depths listed therein represent the vertical extent of the excavation within a given composite confirmation sampling zone. Floor sample depths reflect the depth of the deepest composite subsample collected in a zone, while wall sample depths reflect the range of depths along the sidewalls in that section of the excavation.

Per Etech's confirmation sampling protocol, composite floor subsamples from deeper sections on the eastern side of the excavation would have been collected both along the excavation floor and along any interior walls, with the deepest sample depth for each composite reflected in Table 1. Laboratory analytical results from confirmation samples collected in those deeper areas indicated that the release was fully delineated, and lateral extension of the excavation was not required.

A "Sample Depth Map" is provided as Figure 3B. Copies of all regulatory correspondence are provided in Appendix E.

## 5.0 SOIL CLOSURE REQUEST

|  |                                     |     |                                     |    |
|--|-------------------------------------|-----|-------------------------------------|----|
| Requesting a deferral of remediation closure due date with the approval of this submission?  | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| Requesting a remediation closure approval with this submission?  | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| Have the lateral and vertical extents of contamination been fully delineated?  | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| Was this release entirely contained within a lined containment area?   | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion. | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| What was the total surface area (sq. ft.) remediated?  | 12,270                              |     |                                     |    |
| What was the total volume (cy) remediated?   | 1,940                               |     |                                     |    |

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the Closure Criteria and/or Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicated that in-situ concentrations of BTEX, TPH, and chloride are below the applicable Closure Criteria and Reclamation Standards.

A field sample was collected in the area designated as FL 20 but was inadvertently not submitted for laboratory analysis. However, the field test result and the laboratory analytical results for the surrounding confirmation floor samples (FL 17, 18, 19, 21, 22, and 23) and wall sample (WW3) indicate that area (yellow-highlighted point marker in Figures 3A and 3B) was delineated both horizontally and vertically. Based on a comparison between the field test data and lab results for the surrounding confirmation samples, the concentration of chloride remaining in-situ in FL 20 is estimated to be approximately 48 mg/kg (see table below). There was no petroleum odor or staining in the field sample; therefore, TPH and BTEX are inferred to be below the respective laboratory MDLs, as with each of the surrounding samples.

| Sample ID  | Cl- (Field) | Cl- (Lab) |
|------------|-------------|-----------|
| FL 17 @ 5' | 408         | 48.0      |
| FL 18 @ 5' | 328         | 160       |
| FL 19 @ 5' | 396         | 16.0      |
| FL 20 @ 3' | 408         | N/A (~48) |
| FL 21 @ 3' | 452         | 48.0      |
| FL 22 @ 3' | 452         | 16.0      |
| FL 23 @ 3' | 408         | 48.0      |
| WW3        | 548         | 32.0      |

Based on the information summarized above, Etech recommends Mewbourne Oil Company, provide copies of this *Amended Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the PWMS Magnum Road Riser release site.

## 6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

|  |                                     |     |                                     |    |
|--|-------------------------------------|-----|-------------------------------------|----|
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene? | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| Requesting a reclamation approval with this submission?  | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/>            | No |
| Requesting a restoration complete approval with this submission?   | <input type="checkbox"/>            | Yes | <input checked="" type="checkbox"/> | No |
| What was the total surface area (in square feet) reclaimed?  | 12,270                              |     |                                     |    |
| What was the total volume (in cubic yards) reclaimed?  | 1,587                               |     |                                     |    |

Upon receiving laboratory analytical results from confirmation soil samples, from January 31 through February 2, 2024, the excavated area was backfilled with non-impacted "like" material sourced from the nearby Ballard borrow pit and emplaced at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

On March 25, 2024, in accordance with NMOCD and BLM requirements, the affected area was seeded with a certified weed-free BLM #2 seed mix. The seed was installed at the prescribed rate utilizing a broadcaster and harrow. Photographs of the seeding event and seed tag are provided in Appendix B.

On May 16, 2024, pursuant to NMOCD requirements, a 5-point composite soil sample (Ballard Topsoil Pit) was collected at the Ballard Pit to ensure that material obtained from therein was suitable for use as backfill at remediation/reclamation sites in the area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Reclamation Standards, confirming that material obtained from the Ballard Pit was acceptable for use as backfill at the site.

The site will be monitored for vegetation growth and noxious weeds, including but not limited to Russian Thistle and African Rue, at least annually. In the event that noxious weed species are encountered, they will be treated by a licensed contractor or mechanically removed. Upon completion of revegetation, a *Revegetation Report* will be prepared and submitted to the NMOCD for final inspection and release.

## 7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Amended Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

## 8.0 DISTRIBUTION

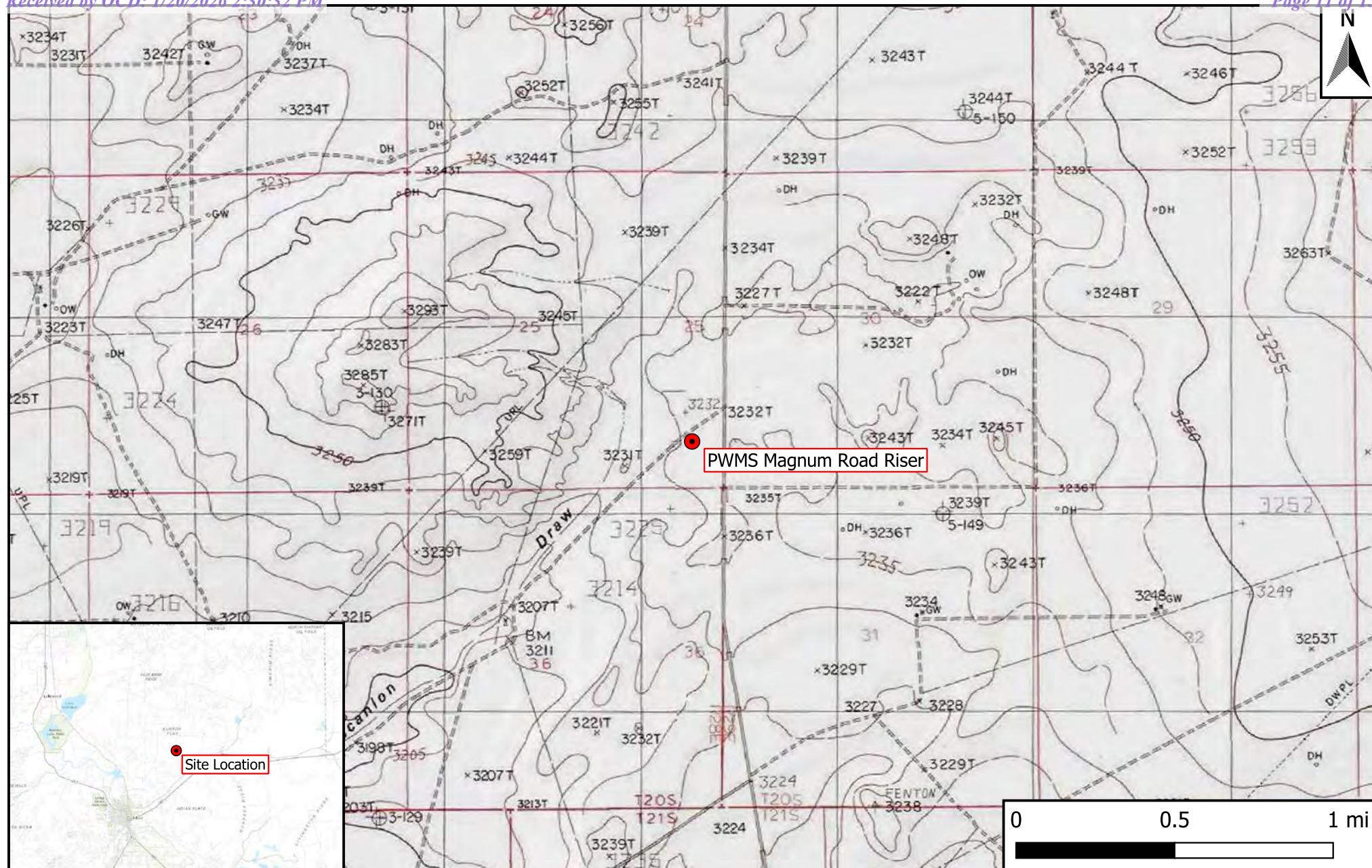
***Mewbourne Oil Company***  
4801 Business Park Blvd.  
Hobbs, NM 88240

***New Mexico Energy, Minerals and Natural Resources Department***  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, NM 88210

***United States Department of the Interior***  
Bureau of Land Management  
620 E. Greene Street  
Carlsbad, NM 88220

*(Electronic Submission)*

**Figure 1**  
**Site Location Map**



## Legend

● Site Location

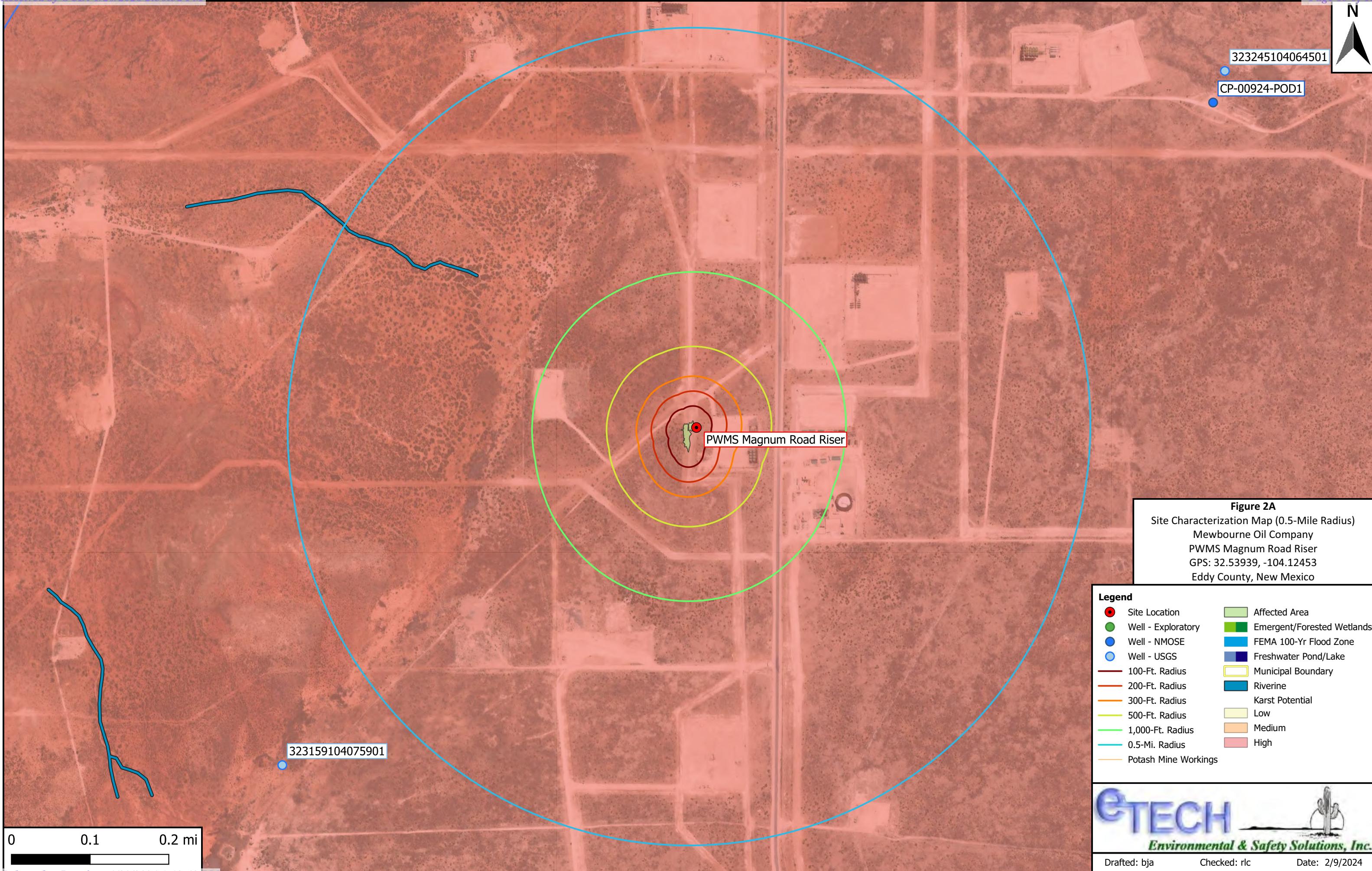
Figure 1

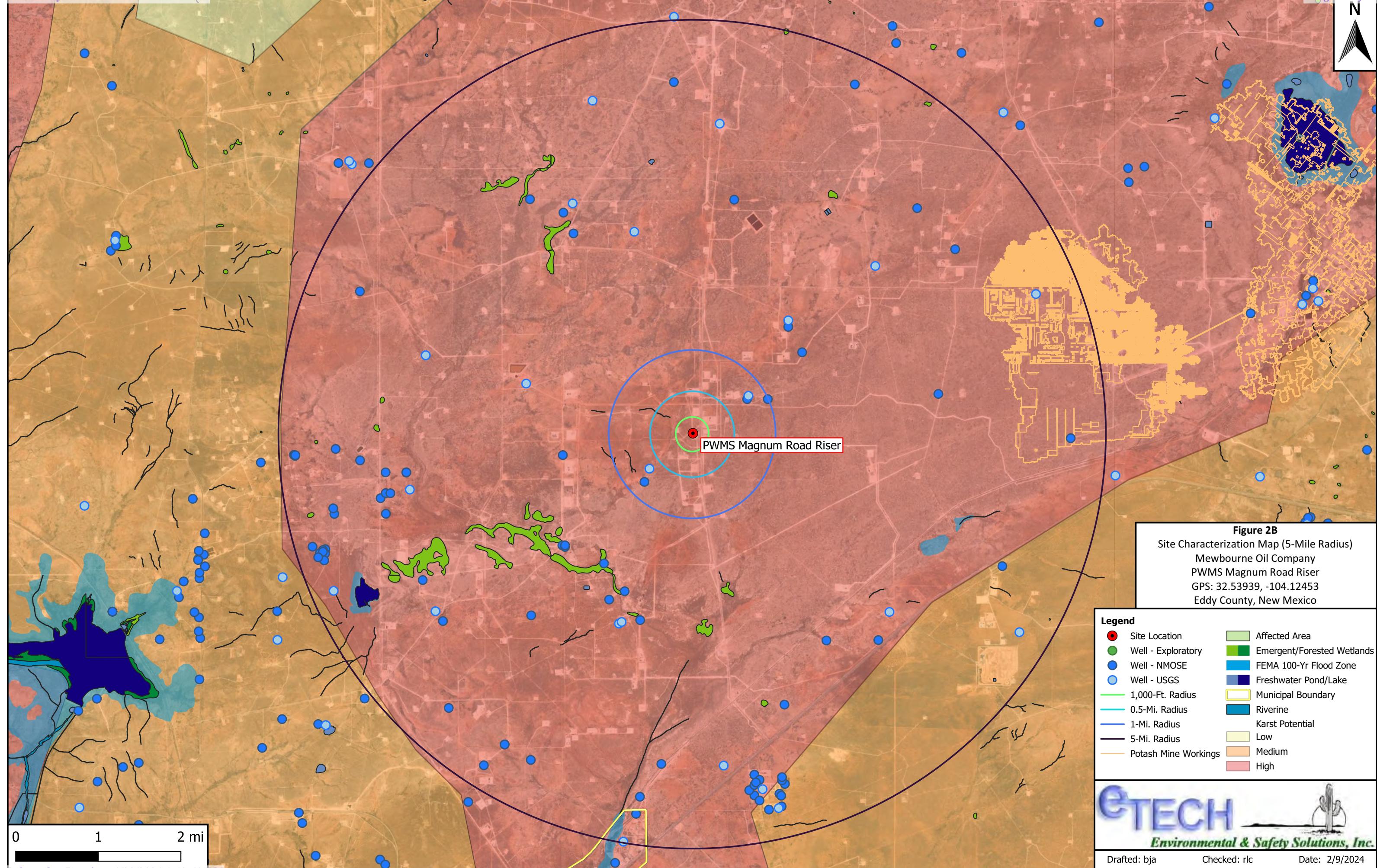
Site Location Map  
Mewbourne Oil Company  
PWMS Magnum Road Riser  
GPS: 32.53939, -104.12453  
Eddy County, New Mexico

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

## **Figures 2A & 2B**

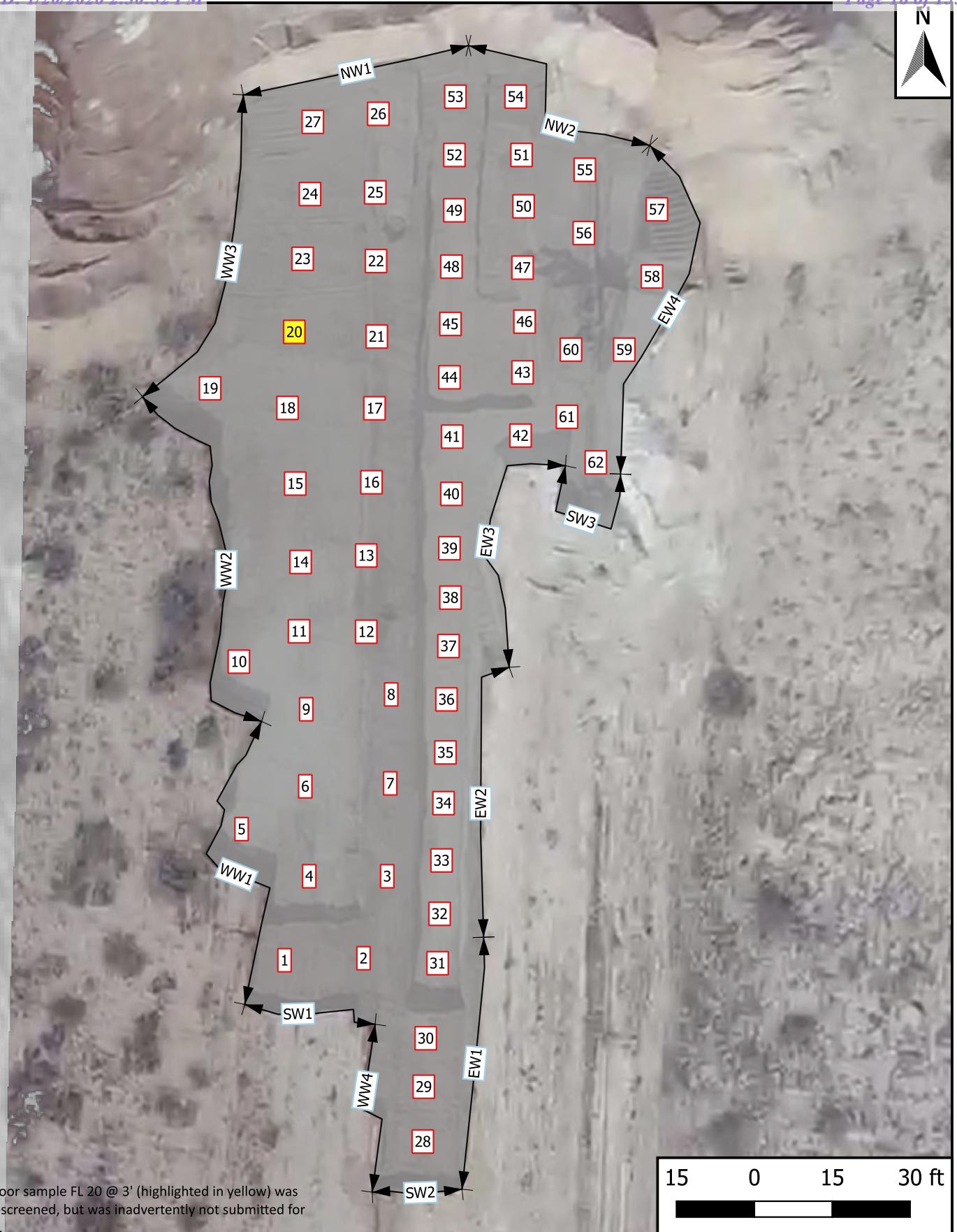
### **Site Characterization Maps**





## **Figures 3A & 3B**

### **Sample Maps**



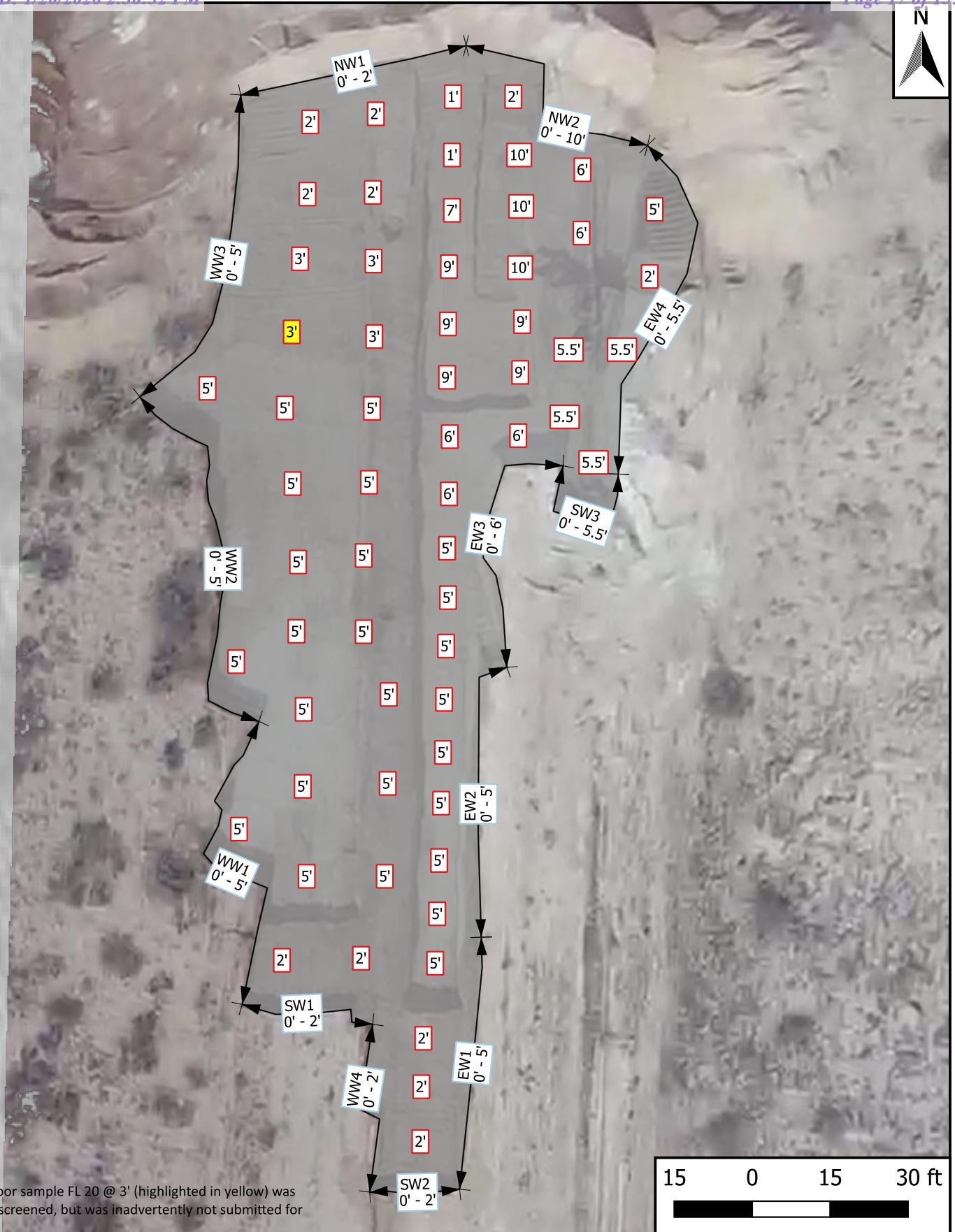
Note: Composite floor sample FL 20 @ 3' (highlighted in yellow) was collected and field-screened, but was inadvertently not submitted for laboratory analysis.

#### Legend

- Excavation Extent
- Composite Floor Sample
- Composite Wall Sample

**Figure 3A**  
 Sample Location Map  
 Mewbourne Oil Company  
 PWMS Magnum Road Riser  
 GPS: 32.53939, -104.12453  
 Eddy County, New Mexico





Note: Composite floor sample FL 20 @ 3' (highlighted in yellow) was collected and field-screened, but was inadvertently not submitted for laboratory analysis.

## Legend

-  Excavation Extent
-  Composite Floor Sample
-  Composite Wall Sample

**Figure 3B**  
Sample Depth Map  
Mewbourne Oil Company  
PWMS Magnum Road Riser  
GPS: 32.53939, -104.12453  
Eddy County, New Mexico



**Table 1**  
**Concentrations of BTEX, TPH & Chloride in Soil**

**Table 1**  
**Concentrations of BTEX, TPH & Chloride in Soil**  
**Mewbourne Oil Company**  
**PWMS Magnum Road Riser**  
**NMOCD Ref. #: nAPP2401652735**

| NMOCD Closure Criteria     |           |              |             | 10              | 50           | N/A   | N/A  | N/A   | N/A  | 100   | 600              |
|----------------------------|-----------|--------------|-------------|-----------------|--------------|---|--|---|--|---|------------------|
| NMOCD Reclamation Standard |           |              |             | 10              | 50           | N/A   | N/A  | N/A   | N/A  | 100   | 600              |
| Sample ID                  | Date      | Depth (Feet) | Soil Status | SW 846 8021B    |              |   | SW 846 8015M Ext.                            |   |  |   | 4500 CI          |
|                            |           |              |             | Benzene (mg/kg) | BTEX (mg/kg) | GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg) | DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg) | GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg) | ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg) | TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg) | Chloride (mg/kg) |
| NW1                        | 1/25/2024 | 0-2          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | <16.0            |
| NW2                        | 1/29/2024 | 0-10         | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| EW1                        | 1/25/2024 | 0-5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | <16.0            |
| EW2                        | 1/25/2024 | 0-5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 128              |
| EW3                        | 1/29/2024 | 0-6          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 64.0             |
| EW4                        | 1/29/2024 | 0-5.5        | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 192              |
| SW1                        | 1/25/2024 | 0-2          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| SW2                        | 1/25/2024 | 0-5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | <16.0            |
| SW3                        | 1/29/2024 | 0-5.5        | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 96.0             |
| WW1                        | 1/25/2024 | 0-5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| WW2                        | 1/25/2024 | 0-5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| WW3                        | 1/25/2024 | 0-5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| WW4                        | 1/25/2024 | 0-2          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 96.0             |
| FL 1 @ 2'                  | 1/24/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 2 @ 2'                  | 1/24/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 3 @ 5'                  | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 4 @ 5'                  | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 5 @ 5'                  | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 6 @ 5'                  | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 64.0             |
| FL 7 @ 5'                  | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 8 @ 5'                  | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 320              |
| FL 9 @ 5'                  | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 10 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 11 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 12 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 13 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 96.0             |
| FL 14 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 64.0             |
| FL 15 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 160              |
| FL 16 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 17 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 18 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 160              |
| FL 19 @ 5'                 | 1/24/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 21 @ 3'                 | 1/25/2024 | 3            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 22 @ 3'                 | 1/25/2024 | 3            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 23 @ 3'                 | 1/25/2024 | 3            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 24 @ 2'                 | 1/25/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 25 @ 2'                 | 1/25/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 144              |
| FL 26 @ 2'                 | 1/25/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 128              |
| FL 27 @ 2'                 | 1/25/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 64.0             |
| FL 28 @ 2'                 | 1/25/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 29 @ 2'                 | 1/25/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 30 @ 2'                 | 1/25/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 31 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 32 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |

Note: Reported sample depths represent the vertical extent of the excavation within a given composite confirmation sampling zone. Floor sample depths reflect the depth of the deepest composite subsample collected within a zone, while wall sample depths reflect the range of depths along the sidewalls in that section of the excavation.

Dash (-): Sample not analyzed for that constituent.

**Bold:** NMOCD Closure Criteria exceedance.

**Red:** NMOCD Reclamation Standard exceedance.

**Table 1**  
**Concentrations of BTEX, TPH & Chloride in Soil**  
**Mewbourne Oil Company**  
**PWMS Magnum Road Riser**  
**NMOCD Ref. #: nAPP2401652735**

| NMOCD Closure Criteria     |           |              |             | 10              | 50           | N/A   | N/A  | N/A   | N/A  | 100   | 600              |
|----------------------------|-----------|--------------|-------------|-----------------|--------------|---|--|---|--|---|------------------|
| NMOCD Reclamation Standard |           |              |             | 10              | 50           | N/A   | N/A  | N/A   | N/A  | 100   | 600              |
| Sample ID                  | Date      | Depth (Feet) | Soil Status | SW 846 8021B    |              |   | SW 846 8015M Ext.                            |   |  |   | 4500 CI          |
|                            |           |              |             | Benzene (mg/kg) | BTEX (mg/kg) | GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg) | DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg) | GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg) | ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg) | TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg) | Chloride (mg/kg) |
| FL 33 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 34 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 35 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 36 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 37 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 38 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 39 @ 5'                 | 1/25/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 40 @ 6'                 | 1/29/2024 | 6            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 128              |
| FL 41 @ 6'                 | 1/29/2024 | 6            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 42 @ 6'                 | 1/29/2024 | 6            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 43 @ 9'                 | 1/29/2024 | 9            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 44 @ 9'                 | 1/29/2024 | 9            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 45 @ 9'                 | 1/29/2024 | 9            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 64.0             |
| FL 46 @ 9'                 | 1/29/2024 | 9            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 47 @ 10'                | 1/29/2024 | 10           | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 48 @ 9'                 | 1/29/2024 | 9            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 49 @ 7'                 | 1/29/2024 | 7            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 50 @ 10'                | 1/29/2024 | 10           | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 51 @ 10'                | 1/29/2024 | 10           | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 52 @ 1'                 | 1/29/2024 | 1            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 64.0             |
| FL 53 @ 1'                 | 1/29/2024 | 1            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 192              |
| FL 54 @ 2'                 | 1/29/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 55 @ 6'                 | 1/29/2024 | 6            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 48.0             |
| FL 56 @ 6'                 | 1/29/2024 | 6            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 16.0             |
| FL 57 @ 5'                 | 1/29/2024 | 5            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 58 @ 2'                 | 1/29/2024 | 2            | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 32.0             |
| FL 59 @ 5.5'               | 1/29/2024 | 5.5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 80.0             |
| FL 60 @ 5.5'               | 1/29/2024 | 5.5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 80.0             |
| FL 61 @ 5.5'               | 1/29/2024 | 5.5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 80.0             |
| FL 62 @ 5.5'               | 1/29/2024 | 5.5          | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 80.0             |
| Ballard Topsoil Pit        | 5/16/2024 | N/A          | Stockpiled  | <0.050          | <0.300       | <10.0                                       | <10.0  | <20.0   | <10.0  | <30.0                                       | 144              |

Note: Reported sample depths represent the vertical extent of the excavation within a given composite confirmation sampling zone. Floor sample depths reflect the depth of the deepest composite subsample collected within a zone, while wall sample depths reflect the range of depths along the sidewalls in that section of the excavation.

Dash (-): Sample not analyzed for that constituent.

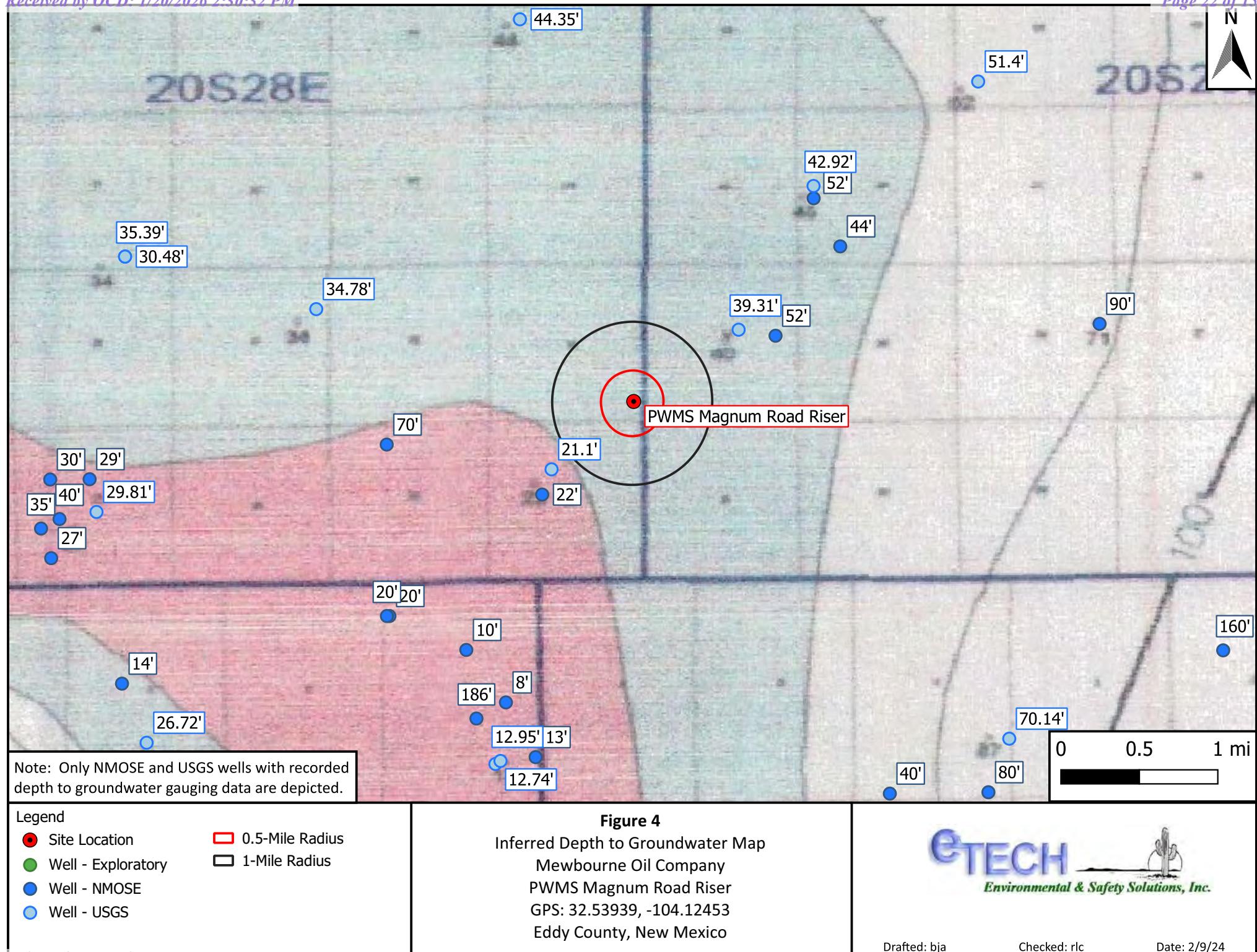
**Bold:** NMOCD Closure Criteria exceedance.

**Red:** NMOCD Reclamation Standard exceedance.

Red Outlined Cell: Highest observable concentration.

## **Appendix A**

### **Depth to Groundwater Information**





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

| POD Number                    | Code | POD Sub-basin | County | Q Q Q |    |   |     | X   | Y   | Distance                               | Depth    | Well Depth | Water Column |    |    |    |
|-------------------------------|------|---------------|--------|-------|----|---|-----|-----|-----|--|----------|------------|--------------|----|----|----|
|                               |      |               |        | 64    | 16 | 4 | Sec |     |     |  |          |            |              |    |    |    |
| <a href="#">C 03269 POD1</a>  |      | CUB           | ED     | 3     | 4  | 1 | 36  | 20S | 28E | 581268                                 | 3599609* |            | 1338         | 28 | 22 | 6  |
| <a href="#">CP 00936 POD1</a> |      | CP            | ED     | 3     | 4  | 2 | 30  | 20S | 29E | 583661                                 | 3601238* |            | 1603         | 70 | 52 | 18 |
|                               |      |               |        |       |    |   |     |     |     | Average Depth to Water: <b>37 feet</b> |          |            |              |    |    |    |
|                               |      |               |        |       |    |   |     |     |     | Minimum Depth: <b>22 feet</b>          |          |            |              |    |    |    |
|                               |      |               |        |       |    |   |     |     |     | Maximum Depth: <b>52 feet</b>          |          |            |              |    |    |    |

Record Count: 2

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 582206.41

**Northing (Y):** 3600563.38

**Radius:** 1610

\*UTM location was derived from PLSS - see Help

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

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WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

| Well Tag                 | POD Number | (quarters are 1=NW 2=NE 3=SW 4=SE) |     |            |     | (NAD83 UTM in meters)   |     |  |  |
|--------------------------|------------|------------------------------------|-----|------------|-----|-------------------------|-----|--|--|
|                          |            | Q64                                | Q16 | Q4         | Sec |                         |     |  |  |
| C                        | 03269 POD1 | 3                                  | 4   | 1          | 36  | 20S                     | 28E |  |  |
| <hr/>                    |            |                                    |     |            |     |                         |     |  |  |
| <b>Driller License:</b>  | 122        | <b>Driller Company:</b>            |     | UNKNOWN    |     |                         |     |  |  |
| <b>Driller Name:</b>     | UNKNOWN    |                                    |     |            |     |                         |     |  |  |
| <b>Drill Start Date:</b> |            | <b>Drill Finish Date:</b>          |     | 12/31/1920 |     | <b>Plug Date:</b>       |     |  |  |
| <b>Log File Date:</b>    |            | <b>PCW Rcv Date:</b>               |     |            |     |                         |     |  |  |
| <b>Pump Type:</b>        |            | <b>Pipe Discharge Size:</b>        |     |            |     |                         |     |  |  |
| <b>Casing Size:</b>      | 6.00       | <b>Depth Well:</b>                 |     | 28 feet    |     | <b>Estimated Yield:</b> |     |  |  |
| <hr/>                    |            |                                    |     |            |     |                         |     |  |  |
| <b>Depth Water:</b>      |            | <b>Depth Water:</b>                |     | 22 feet    |     |                         |     |  |  |

\*UTM location was derived from PLSS - see Help

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1/11/24 11:29 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X      | Y        |
|----------|------------|-----|-----|----|-----|-----|-----|--------|----------|
| CP 00936 | POD1       | 3   | 4   | 2  | 30  | 20S | 29E | 583661 | 3601238* |

**Driller License:****Driller Company:****Driller Name:****Drill Start Date:****Drill Finish Date:**

12/31/1929

**Plug Date:****Log File Date:****PCW Rcv Date:****Source:****Pump Type:****Pipe Discharge Size:****Estimated Yield:****Casing Size:** 8.00**Depth Well:**

70 feet

**Depth Water:** 52 feet**\*UTM location was derived from PLSS - see Help**

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

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POINT OF DIVERSION SUMMARY



[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

## National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:  Geographic Area:

Click for News Bulletins

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

- 323159104075901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 323159104075901 20S.28E.36.14312

Eddy County, New Mexico

Latitude 32°31'59", Longitude 104°07'59" NAD27

Land-surface elevation 3,209 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### Output formats

|                                    |
|------------------------------------|
| <a href="#">Table of data</a>      |
| <a href="#">Tab-separated data</a> |
| <a href="#">Graph of data</a>      |
| <a href="#">Reselect period</a>    |

| Date       | Time | ?<br>Water-level date-time accuracy | ?<br>Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ?<br>Status | ?<br>Method of measurement | ?<br>Measuring agency | ?<br>Source of measurement | ?<br>Water-level approval status |
|------------|------|-------------------------------------|---------------------|--------------------------------------|---|---------------------------|-------------|----------------------------|-----------------------|----------------------------|----------------------------------|
| 1948-12-27 |      | D                                   | 72019               | 19.05                                |   |                           | 1           | Z                          |                       |                            | A                                |
| 1965-11-17 |      | D                                   | 72019               | 19.24                                |   |                           | P           | Z                          |                       |                            | A                                |
| 1968-05-22 |      | D                                   | 72019               | 21.09                                |   |                           | P           | Z                          |                       |                            | A                                |
| 1971-02-08 |      | D                                   | 72019               | 19.85                                |   |                           | 1           | Z                          |                       |                            | A                                |
| 1976-12-08 |      | D                                   | 72019               | 18.92                                |   |                           | 1           | Z                          |                       |                            | A                                |
| 1983-01-13 |      | D                                   | 72019               | 18.34                                |   |                           | 1           | Z                          |                       |                            | A                                |

| Date       | Time | Water-level date-time accuracy | Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | Status | Method of measurement | Measuring agency | Source of measurement | Water-level approval status |
|------------|------|--------------------------------|----------------|--------------------------------------|---|---------------------------|--------|-----------------------|------------------|-----------------------|-----------------------------|
| 1994-03-03 |      | D                              | 72019          | 22.03                                |   |                           | 1      | S                     |                  |                       | A                           |
| 1999-02-26 |      | D                              | 72019          | 21.10                                |   |                           | 1      | S                     | USGS             | S                     | A                           |

## Explanation

| Section                        | Code   | Description  |
|--------------------------------|--------|--|
| Water-level date-time accuracy | D      | Date is accurate to the Day                                  |
| Parameter code                 | 62610  | Groundwater level above NGVD 1929, feet                      |
| Parameter code                 | 62611  | Groundwater level above NAVD 1988, feet                      |
| Parameter code                 | 72019  | Depth to water level, feet below land surface                |
| Referenced vertical datum      | NAVD88 | North American Vertical Datum of 1988                        |
| Referenced vertical datum      | NGVD29 | National Geodetic Vertical Datum of 1929                     |
| Status                         | 1      | Static   |
| Status                         | P      | Pumping  |
| Method of measurement          | S      | Steel-tape measurement.                                      |
| Method of measurement          | Z      | Other.   |
| Measuring agency               |        | Not determined   |
| Measuring agency               | USGS   | U.S. Geological Survey                                       |
| Source of measurement          |        | Not determined   |
| Source of measurement          | S      | Measured by personnel of reporting agency.                   |
| Water-level approval status    | A      | Approved for publication -- Processing and review completed. |

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Page Last Modified: 2024-03-08 18:50:56 EST

0.35 0.24 nadww01



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Data Category:  
 Groundwater

Geographic Area:  
 United States

GO

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Groundwater levels for the Nation

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### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

- 323245104064501

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 323245104064501 20S.29E.30.23333

Eddy County, New Mexico

Latitude 32°32'45", Longitude 104°06'45" NAD27

Land-surface elevation 3,231 feet above NAVD88

The depth of the well is 70 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### Output formats

|                                    |
|------------------------------------|
| <a href="#">Table of data</a>      |
| <a href="#">Tab-separated data</a> |
| <a href="#">Graph of data</a>      |
| <a href="#">Reselect period</a>    |

| Date       | Time | ?<br>Water-level date-time accuracy | ?<br>Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ?<br>Status | ?<br>Method of measurement | ?<br>Measuring agency | ?<br>Source of measurement | ?<br>Water-level approval status |
|------------|------|-------------------------------------|---------------------|--------------------------------------|---|---------------------------|-------------|----------------------------|-----------------------|----------------------------|----------------------------------|
| 1968-05-23 |      | D                                   | 72019               | 40.75                                |   |                           | 1           |                            | Z                     |                            | A                                |
| 1971-02-08 |      | D                                   | 72019               | 39.77                                |   |                           | 1           |                            | Z                     |                            | A                                |
| 1983-01-26 |      | D                                   | 72019               | 40.94                                |   |                           | 1           |                            | Z                     |                            | A                                |
| 1994-03-03 |      | D                                   | 72019               | 39.91                                |   |                           | 1           |                            | S                     |                            | A                                |
| 1999-01-20 |      | D                                   | 72019               | 39.31                                |   |                           | 1           |                            | S                     | USGS                       | S                                |

## Explanation

| Section                        | Code   | Description  |
|--------------------------------|--------|--|
| Water-level date-time accuracy | D      | Date is accurate to the Day                                  |
| Parameter code                 | 62610  | Groundwater level above NGVD 1929, feet                      |
| Parameter code                 | 62611  | Groundwater level above NAVD 1988, feet                      |
| Parameter code                 | 72019  | Depth to water level, feet below land surface                |
| Referenced vertical datum      | NAVD88 | North American Vertical Datum of 1988                        |
| Referenced vertical datum      | NGVD29 | National Geodetic Vertical Datum of 1929                     |
| Status                         | 1      | Static   |
| Method of measurement          | S      | Steel-tape measurement.                                      |
| Method of measurement          | Z      | Other.   |
| Measuring agency               |        | Not determined   |
| Measuring agency               | USGS   | U.S. Geological Survey                                       |
| Source of measurement          |        | Not determined   |
| Source of measurement          | S      | Measured by personnel of reporting agency.                   |
| Water-level approval status    | A      | Approved for publication -- Processing and review completed. |

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**Title:** Groundwater for USA: Water Levels

**URL:** <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>
Page Contact Information: [USGS Water Data Support Team](#)

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## **Appendix B**

### **Photographic Log**

## Photographic Log

|   |  |
|---|--|
| <b>Photo Number:</b><br>1                                   |  |
| <b>Photo Direction:</b><br>North-Northeast                  |  |
| <b>Photo Description:</b><br><br>View of the affected area. |  <p>08-Jan-24 09:59 MOC Magnum Rd Riser (PWMS)<br/>Carlsbad NM 88220, United States 08-Jan-24 09:59:26</p> |

|   |  |
|---|--|
| <b>Photo Number:</b><br>2                                   |  |
| <b>Photo Direction:</b><br>South-Southwest                  |  |
| <b>Photo Description:</b><br><br>View of the affected area. |  <p>08-Jan-24 09:58 MOC Magnum Rd Riser (PWMS)<br/>Carlsbad NM 88220, United States 08-Jan-24 09:58:45</p> |

## Photographic Log

|   |   |
|---|---|
| <b>Photo Number:</b><br>3                                   |   |
| <b>Photo Direction:</b><br>Southeast                        |  <p>WGS84 32.53948, -104.12479<br/>3233 SE135</p> |
| <b>Photo Description:</b><br><br>View of the affected area. |   |

|   |   |
|---|---|
| <b>Photo Number:</b><br>4                                   |   |
| <b>Photo Direction:</b><br>North                            |  <p>WGS84 32.53891, ±16ft-104.12470<br/>3236 NO</p> |
| <b>Photo Description:</b><br><br>View of the affected area. |   |

## Photographic Log

|  |  |
|--|--|
| <b>Photo Number:</b><br>5                                    |  |
| <b>Photo Direction:</b><br>Overhead/Bird's Eye View          |  |
| <b>Date:</b><br>January 30, 2024                             |  |
| <b>Coordinates:</b><br>32.539255,-104.124712                 |  |
| <b>Photo Description:</b><br><br>View of the excavated area. |  |

|  |  |
|--|--|
| <b>Photo Number:</b><br>6                                    |  |
| <b>Photo Direction:</b><br>North                             |  |
| <b>Date:</b><br>January 30, 2024                             |  |
| <b>Coordinates:</b><br>32.538661,-104.124707                 |  |
| <b>Photo Description:</b><br><br>View of the excavated area. |  |

## Photographic Log

|  |  |
|--|--|
| <b>Photo Number:</b><br>7                                    |  |
| <b>Photo Direction:</b><br>South                             |  |
| <b>Date:</b><br>January 30, 2024                             |  |
| <b>Coordinates:</b><br>32.539806,-104.124696                 |  |
| <b>Photo Description:</b><br><br>View of the excavated area. |  |

|  |   |
|--|---|
| <b>Photo Number:</b><br>8  |   |
| <b>Photo Direction:</b><br>Northeast   |   |
| <b>Photo Description:</b><br><br>View of the remediated area after backfill and regrading. | Feb 2, 2024 at 1:27:23 PM<br>+32.539918,-104.124400<br>Carlsbad NM 88220<br>United States<br> |

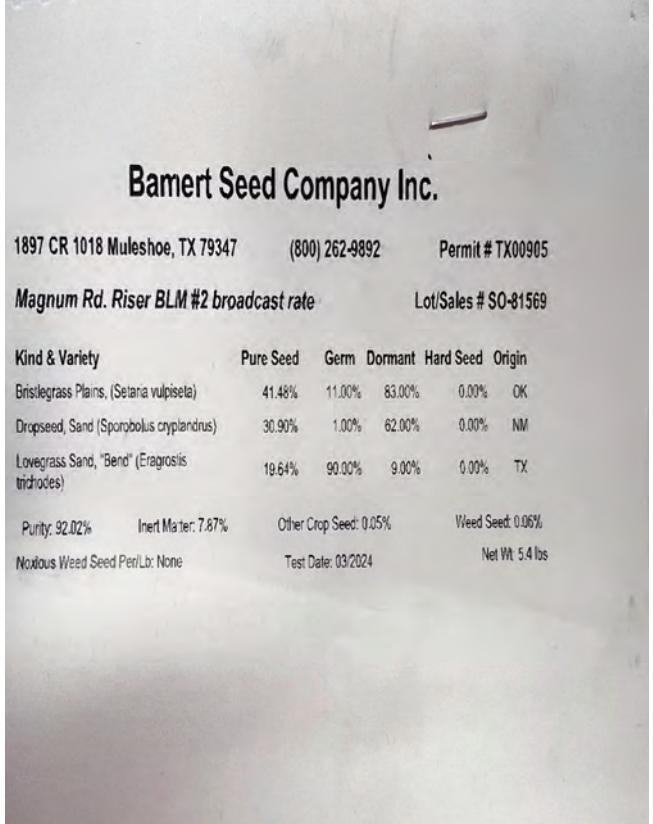
## Photographic Log

|  |  |   |
|--|--|---|
| <b>Photo Number:</b><br>9  |  | Feb 2, 2024 at 1:27:38 PM<br>+32.539936,-104.124505<br>Carlsbad NM 88220<br>United States |
| <b>Photo Description:</b><br><br><br><br>View of the remediated area after backfill and regrading. |  |   |

|  |  |   |
|--|--|---|
| <b>Photo Number:</b><br>10   |  | Feb 2, 2024 at 1:27:57 PM<br>+32.539872,-104.124732<br>Carlsbad NM 88220<br>United States |
| <b>Photo Description:</b><br><br><br><br>View of the remediated area after backfill and regrading. |  |   |

## Photographic Log

|   |   |
|---|---|
| <b>Photo Number:</b><br>11  |  |
| <b>Photo Direction:</b><br>West   |   |
| <b>Photo Description:</b><br><br>View of the remediated area showing the background thickness of topsoil. |   |

|   |  |
|---|--|
| <b>Photo Number:</b><br>12                        |  |
| <b>Photo Direction:</b><br>N/A                    |  |
| <b>Photo Description:</b><br><br>BLM #2 seed tag. |  |

## Photographic Log

|  |  |
|--|--|
| <b>Photo Number:</b><br>13                 |  <p>Mar 25, 2024 at 8:06:14 AM<br/>+32.539846,-104.124647<br/>161° S<br/>Carlsbad NM 88220<br/>United States</p> |
| <b>Photo Direction:</b><br>South-Southeast | <b>Photo Description:</b><br><br>View of the reclaimed area following seeding event.   |

|                                  |  |
|----------------------------------|--|
| <b>Photo Number:</b><br>14       |  <p>Mar 25, 2024 at 8:24:40 AM<br/>+32.539758,-104.124565<br/>184° S<br/>Carlsbad NM 88220<br/>United States</p> |
| <b>Photo Direction:</b><br>South | <b>Photo Description:</b><br><br>View of the reclaimed area following seeding event.   |

## Photographic Log

|   |  |
|---|--|
| <b>Photo Number:</b><br>15  |  <p>2024.05.22<br/>+32.539414,-104.124596<br/>Eddy County</p> |
| <b>Photo Description:</b><br><br><br>View of the restored area and vegetation regrowth. |  |

|   |   |
|---|---|
| <b>Photo Number:</b><br>16  |  <p>2024.05.22<br/>+32.539414,-104.124596<br/>Eddy County</p> |
| <b>Photo Description:</b><br><br><br>View of the restored area and vegetation regrowth. |   |

## Photographic Log

|   |   |
|---|---|
| <b>Photo Number:</b><br>17  | <br><b>Photo Direction:</b><br>South |
| <b>Photo Description:</b><br><br>View of the restored area and vegetation regrowth. | 2024.05.22<br>+32.539414,-104.124596<br>Eddy County   |

|   |  |
|---|--|
| <b>Photo Number:</b><br>18  | <br><b>Photo Direction:</b><br>Southwest |
| <b>Photo Description:</b><br><br>View of the restored area and vegetation regrowth. | 2024.05.22<br>+32.539750,-104.124686<br>Eddy County  |

## **Appendix C**

### **Field Data**



## Sample Log

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

Project: Magnum Road Riser

Project Number: 19589 Latitude: 32.5394 Longitude: -104.12464

| Sample ID  | PID/Odor | Chloride Conc. | GPS |
|------------|----------|----------------|-----|
| FL 1 @ 1'  | -        | 4096           |     |
| FL 2 @ 1'  | -        | 4824           |     |
| FL 3 @ 1'  | -        | 4820           |     |
| FL 4 @ 1'  | -        | 2896           |     |
| FL 5 @ 1'  | -        | 4824           |     |
| FL 6 @ 1'  | -        | 5660           |     |
| FL 7 @ 1'  | -        | 1,92           |     |
| FL 8 @ 1'  | -        | 5224           |     |
| FL 9 @ 1'  | -        | 2480           |     |
| FL 10 @ 1' | -        | 1,616          |     |
| WW 1. WW1. | -        | 1284           |     |
| WW 2.      | -        | 1196           |     |
| EW 1.      | -        | 1116           |     |
| EW 2.      | -        | 452            |     |
| FL 1 @ 2'  | -        | 368            |     |
| WW 1       | -        | 256            |     |
| TT-1 @ 3'  | -        | 2224           |     |
| TT-1 @ 4'  | -        | 968            |     |
| TT-1 @ 5'  | -        | 196            |     |
| TT-2 @ 2'  | -        | 2072           |     |
| TT-2 @ 3'  | -        | 968            |     |
| TT-2 @ 4'  | -        | 768            |     |
| TT-2 @ 5'  | -        | 256            |     |
| FL 2 @ 2'  | -        | 224            |     |
| FL 3 @ 5'  | -        | 328            |     |
| FL 4 @ 5'  | -        | 196            |     |
| FL 5 @ 5'  | -        | 256            |     |
| FL 6 @ 5'  | -        | 408            |     |
| SW 1.      | -        | 196            |     |
| FL 7 @ 5'  | -        | 196            |     |
| FL 8 @ 5'  | -        | 408            |     |
| FL 9 @ 5'  | -        | 328            |     |
| TT-3 @ 3'  | -        | 368            |     |
| TT-3 @ 4'  | -        | 368            |     |
| FL 10 @ 5' | -        | 408            |     |
| FL 11 @ 5' | -        | 224            |     |

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples= SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



## Sample Log

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

Project: Magnum Road Riser

Project Number: 19589 Latitude: 32.5394 Longitude: -104.12464

| Sample ID  | PID/Odor | Chloride Conc. | GPS |
|------------|----------|----------------|-----|
| FL 12 @ 5' | -        | 1284           |     |
| FL 13 @ 5' | -        | 256            |     |
| FL 14 @ 5' | -        | 408            |     |
| FL 15 @ 5' | -        | 500            |     |
| FL 16 @ 5' | -        | 408            |     |
| WW 2       | -        | 408            |     |
| WW 3       | -        | 548            |     |
| FL 17 @ 5' | -        | 408            |     |
| FL 18 @ 5' | -        | 328            |     |
| FL 19 @ 5' | -        | 396            |     |
| TT-4 @ 2'  | -        | 396            |     |
| TT-4 @ 3'  | -        | 328            |     |
| TT-5 @ 2'  | -        | 9084           |     |
| TT-5 @ 3'  | -        | 7,415          |     |
| TT-5 @ 4'  | -        | 5660           |     |
| TT-5 @ 5'  | -        | 1572           |     |
| TT-5 @ 6'  | -        | 292            |     |
| FL 20 @ 3' | -        | 408            |     |
| FL 21 @ 3' | -        | 452            |     |
| FL 22 @ 3' | -        | 452            |     |
| FL 23 @ 3' | -        | 408            |     |
| FL 24 @ 2' | -        | 328            |     |
| FL 25 @ 2' | -        | 368            |     |
| NW 1,      | -        | 768            |     |
| TT @ 6'    | -        | 452            |     |
| TT-6 @ 3'  | -        | 1684           |     |
| TT-6 @ 4'  | -        | 600            |     |
| EW 1.      | -        | 408            |     |
| NW 1.      | -        | 548            |     |
| SW 2       | -        | 452            |     |
| FL 26 @ 2' | -        | 368            |     |
| FL 27 @ 2' | -        | 328            |     |
| FL 28 @ 2' | -        | 452            |     |
| FL 29 @ 2' | -        | 256            |     |
| FL 30 @ 2' | -        | 256            |     |
| FL 31 @ 5' | -        | 224            |     |

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples= SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



## Sample Log

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

Project: Magnum Road Riser

Project Number: 19589 Latitude: 32.5394 Longitude: -104.12464

| Sample ID   | PID/Odor | Chloride Conc. | GPS |
|-------------|----------|----------------|-----|
| FL 32 @ 5   | -        | 256            |     |
| FL 33 @ 5   | -        | 256            |     |
| FL 34 @ 5   | -        | 224            |     |
| FL 35 @ 5   | -        | 224            |     |
| FL 36 @ 5   | -        | 368            |     |
| FL 37 @ 5   | -        | 328            |     |
| FL 38 @ 5   | -        | 452            |     |
| FL 39 @ 5   | -        | 452            |     |
| WW 4.       | -        | 408            |     |
| EW 3.       | -        | 224            |     |
| TT-7 @ 6'   | -        | 1684           |     |
| FL 40 @ 6'  | -        | 408            |     |
| TT-7 @ 8'   | -        | 368            |     |
| FL 41 @ 6'  | -        | 256            |     |
| FL 42 @ 6'  | -        | 452            |     |
| FL 43 @ 9'  | -        | 328            |     |
| FL 44 @ 9'  | -        | 224            |     |
| FL 45 @ 9'  | -        | 452            |     |
| FL 46 @ 9'  | -        | 328            |     |
| FL 47 @ 9'  | -        | 896            |     |
| FL 48 @ 9'  | -        | 548            |     |
| FL 49 @ 7'  | -        | 368            |     |
| FL 50 @ 7'  | -        | 832            |     |
| FL 47 @ 10' | -        | 368            |     |
| FL 50 @ 10' | -        | 116            |     |
| FL 51 @ 1'  | -        | 2580           |     |
| FL 52 @ 1'  | -        | 256            |     |
| FL 53 @ 1'  | -        | 368            |     |
| FL 54 @ 1'  | -        | 468            |     |
| EW 4        | -        | 2580           |     |
| NW 2        | -        | 548            |     |
| FL 51 @ 10' | -        | 292            |     |
| FL 54 @ 2'  | -        | 548            |     |
| FL 55 @ 4'  | -        | 2580           |     |
| FL 56 @ 4'  | -        | 2580           |     |
| FL 55 @ 6'  | -        | 256            |     |

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples= SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



## Sample Log

Date:

## Project:

Project Number: \_\_\_\_\_ Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Sample Point = SP #1 @ ## etc

### Test Trench = TT #1 @ ##

Resamples= SP #1 @ 5b or SW #1b

**Floor = FL #1 etc**

Refusal = SP #1 @ 4'-R

### Stockpile = Stockpile #1

**Sidewall = SW #1 etc**

**Soil Intended to be Deferred = SP #1 @ 4' In-Situ**

### GPS Sample Points, Center of Comp Areas

## **Appendix D**

### **Laboratory Analytical Reports**



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

January 30, 2024

LANCE CRENSHAW  
Etech Environmental & Safety Solutions  
2617 W MARLAND  
HOBBS, NM 88240

RE: MAGNUM ROAD RISER

Enclosed are the results of analyses for samples received by the laboratory on 01/25/24 14:52.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 1 @ 2' (H240349-01)**

| 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           | 01/26/2024 | ND              | 2.16 | 108        | 2.00          | 1.69 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/26/2024 | ND              | 2.15 | 107        | 2.00          | 1.47 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/26/2024 | ND              | 2.13 | 107        | 2.00          | 1.46 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/26/2024 | ND              | 6.24 | 104        | 6.00          | 1.62 |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/26/2024 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 01/26/2024 | ND              | 464 | 116        | 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            | 01/26/2024 | ND              | 199 | 99.5       | 200           | 0.230 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND              | 185 | 92.5       | 200           | 1.49  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 2 @ 2' (H240349-02)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND           | 228 | 114        | 200           | 7.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND           | 228 | 114        | 200           | 9.51 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 3 @ 5' (H240349-03)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 4 @ 5' (H240349-04)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 5 @ 5' (H240349-05)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND           | 228 | 114        | 200           | 7.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND           | 228 | 114        | 200           | 9.51 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 6 @ 5' (H240349-06)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>64.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 7 @ 5' (H240349-07)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 8 @ 5' (H240349-08)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |            | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result     | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>320</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 9 @ 5' (H240349-09)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND           | 228 | 114        | 200           | 7.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND           | 228 | 114        | 200           | 9.51 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 10 @ 5' (H240349-10)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 11 @ 5' (H240349-11)**

| 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           | 01/26/2024      | ND           | 2.08 | 104        | 2.00          | 5.24 |           |
| Toluene*       |  | <0.050 | 0.050           | 01/26/2024      | ND           | 2.10 | 105        | 2.00          | 5.36 |           |
| Ethylbenzene*  |  | <0.050 | 0.050           | 01/26/2024      | ND           | 2.10 | 105        | 2.00          | 5.43 |           |
| Total Xylenes* |  | <0.150 | 0.150           | 01/26/2024      | ND           | 6.41 | 107        | 6.00          | 5.00 |           |
| Total BTEX     |  | <0.300 | 0.300           | 01/26/2024      | ND           |      |            |               |      |           |

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

| Chloride, SM4500Cl-B |  | mg/kg  |                 | Analyzed By: CT |              |     |            |               |      |           |
|----------------------|--|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              |  | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             |  | 48.0   | 16.0            | 01/26/2024      | ND           | 464 | 116        | 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            | 01/26/2024      | ND           | 228 | 114        | 200           | 7.49 |           |
| DRO >C10-C28*    |  | <10.0  | 10.0            | 01/26/2024      | ND           | 228 | 114        | 200           | 9.51 |           |
| EXT DRO >C28-C36 |  | <10.0  | 10.0            | 01/26/2024      | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 12 @ 5' (H240349-12)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 13 @ 5' (H240349-13)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>96.0</b> | 16.0            | 01/26/2024 | ND                     | 464 | 116        | 400           | 0.00 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 14 @ 5' (H240349-14)**

| 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           | 01/26/2024 | ND              | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/26/2024 | ND              | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/26/2024 | ND              | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/26/2024 | ND              | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/26/2024 | ND              |      |            |               |      |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 01/26/2024 | ND              | 464 | 116        | 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            | 01/26/2024 | ND              | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND              | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 15 @ 5' (H240349-15)**

| 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           | 01/26/2024 | ND              | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/26/2024 | ND              | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/26/2024 | ND              | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/26/2024 | ND              | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/26/2024 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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             | 160    | 16.0            | 01/26/2024 | ND              | 448 | 112        | 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            | 01/26/2024 | ND              | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND              | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 16 @ 5' (H240349-16)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: HM</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/26/2024 | ND                     | 448 | 112        | 400           | 7.41 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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 HOBBS NM, 88240  
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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 17 @ 5' (H240349-17)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/26/2024 | ND                     | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/26/2024 | ND                     | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/26/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: HM</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/26/2024 | ND                     | 448 | 112        | 400           | 7.41 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND                     | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 18 @ 5' (H240349-18)**

| 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           | 01/26/2024 | ND              | 2.08 | 104        | 2.00          | 5.24 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/26/2024 | ND              | 2.10 | 105        | 2.00          | 5.36 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/26/2024 | ND              | 2.10 | 105        | 2.00          | 5.43 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/26/2024 | ND              | 6.41 | 107        | 6.00          | 5.00 |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/26/2024 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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             | 160    | 16.0            | 01/26/2024 | ND              | 448 | 112        | 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            | 01/26/2024 | ND              | 228 | 114        | 200           | 7.49 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/26/2024 | ND              | 228 | 114        | 200           | 9.51 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/26/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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 LANCE CRENSHAW  
 2617 W MARLAND  
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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/25/2024                   | Sampling Date:      | 01/24/2024     |
| Reported:         | 01/30/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 19 @ 5' (H240349-19)**

| 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           | 01/26/2024      | ND           | 2.08 | 104        | 2.00          | 5.24 |           |
| Toluene*       |  | <0.050 | 0.050           | 01/26/2024      | ND           | 2.10 | 105        | 2.00          | 5.36 |           |
| Ethylbenzene*  |  | <0.050 | 0.050           | 01/26/2024      | ND           | 2.10 | 105        | 2.00          | 5.43 |           |
| Total Xylenes* |  | <0.150 | 0.150           | 01/26/2024      | ND           | 6.41 | 107        | 6.00          | 5.00 |           |
| Total BTEX     |  | <0.300 | 0.300           | 01/26/2024      | ND           |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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             |  | 16.0   | 16.0            | 01/26/2024      | ND           | 448 | 112        | 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            | 01/26/2024      | ND           | 228 | 114        | 200           | 7.49 |           |
| DRO >C10-C28*    |  | <10.0  | 10.0            | 01/26/2024      | ND           | 228 | 114        | 200           | 9.51 |           |
| EXT DRO >C28-C36 |  | <10.0  | 10.0            | 01/26/2024      | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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### Notes and Definitions

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

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|  |  |                     |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
|--|--|---------------------|---------------------------------|--|--------------|----------------------|----------|--|----------|-------------|--------------|---|---|--|--|--|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc.   |  | BILL TO             |                                 | ANALYSIS REQUEST   |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Project Manager: Lance Crenshaw  |  | P.O. #:             |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Address: 2617 West Marland   |  | Company Mewboume    |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| City: Hobbs State: NM Zip: 88240   |  | Attn: Connor Walker |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Phone #: (575) 264-9884 Fax #:   |  | Address:            |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Project #: 19589 Project Owner: Mewboume   |  | City:               |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Project Name: Magnum Road Riser  |  | State: NM Zip:      |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Project Location: 32.5394, -104.12464  |  | Phone #:            |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Sampler Name: Aaron Rios   |  | Fax #:              |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| FOR LAB USE ONLY   |  |                     |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Lab I.D.   |  | Sample I.D.         |                                 | (G)RAB OR (C)OMP.  | # CONTAINERS | MATRIX               | PRESERV. | SAMPLING   | Chloride | TPH (8015M) | BTEX (8021B) |   |   |  |  |  |  |  |  |  |
| H240349  |  |                     |                                 | G  | 1            | GROUNDWATER          | SOIL     | ICE / COOL   | DATE     | TIME        |              |   |   |  |  |  |  |  |  |  |
| 1 FL1 @ 2'   |  |                     |                                 | C  | 1            | WASTEWATER           | OIL      | ACID/BASE  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 2 FL2 @ 2'   |  |                     |                                 | C  | 1            |                      | SLUDGE   | OTHER:   | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 3 FL3 @ 5'   |  |                     |                                 | C  | 1            |                      |          | X  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 4 FL4 @ 5'   |  |                     |                                 | C  | 1            |                      |          | X  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 5 FL5 @ 5'   |  |                     |                                 | C  | 1            |                      |          | X  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 6 FL6 @ 5'   |  |                     |                                 | C  | 1            |                      |          | X  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 7 FL7 @ 5'   |  |                     |                                 | C  | 1            |                      |          | X  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 8 FL8 @ 5'   |  |                     |                                 | C  | 1            |                      |          | X  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 9 FL9 @ 5'   |  |                     |                                 | C  | 1            |                      |          | X  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
| 10 FL10 @ 5'   |  |                     |                                 | C  | 1            |                      |          | X  | 1/24/24  |             | X            | X | X |  |  |  |  |  |  |  |
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| Relinquished By:   |  | Date: 1-25-24       | Received By: <i>Jamara Olds</i> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No   |              | Add'l Phone #:       |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
|  |  | Time: 1453          |                                 | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No   |              | Add'l Fax #:         |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Relinquished By:   |  | Date:               | Received By:                    | REMARKS:   |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
|  |  | Time:               |                                 |  |              |                      |          |  |          |             |              |   |   |  |  |  |  |  |  |  |
| Delivered By: (Circle One) <i>M. Rios</i> #140   |  |                     |                                 | Sample Condition   |              | CHECKED BY:          |          | Please email results and copy of CoC to pm@etechenv.com. |          |             |              |   |   |  |  |  |  |  |  |  |
| Sampler - UPS - Bus - Other: -7.7°c  |  |                     |                                 | Cool Intact<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes<br><input type="checkbox"/> No <input type="checkbox"/> No |              | (Initials) <i>JO</i> |          |  |          |             |              |   |   |  |  |  |  |  |  |  |



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: Etech Environmental & Safety Solutions, Inc.   |               |                                 |  |   |                | BILL TO     |          | ANALYSIS REQUEST |             |              |   |   |   |  |
|--|---------------|---------------------------------|--|---|----------------|-------------|----------|------------------|-------------|--------------|---|---|---|--|
| Project Manager: Lance Crenshaw  |               |                                 |  |   |                | P.O. #:     |          |                  |             |              |   |   |   |  |
| Address: 2617 West Marland   |               |                                 |  |   |                | Company     |          | Mewbourne        |             |              |   |   |   |  |
| City: Hobbs  |               | State: NM                       |  | Zip: 88240  |                | Attn:       |          | Connor Walker    |             |              |   |   |   |  |
| Phone #: (575) 264-9884  |               | Fax #:                          |  |   |                | Address:    |          |                  |             |              |   |   |   |  |
| Project #: 19589   |               | Project Owner:                  |  | Mewbourne   |                | City:       |          |                  |             |              |   |   |   |  |
| Project Name: Magnum Road Riser  |               |                                 |  |   |                | State: NM   |          | Zip:             |             |              |   |   |   |  |
| Project Location: 32.5394, -104.12464  |               |                                 |  |   |                | Phone #:    |          |                  |             |              |   |   |   |  |
| Sampler Name: Aaron Rios   |               |                                 |  |   |                | Fax #:      |          |                  |             |              |   |   |   |  |
| FOR LAB USE ONLY   |               |                                 |  |   |                |             |          |                  |             |              |   |   |   |  |
| Lab I.D.   | Sample I.D.   |                                 | (G)RAB OR (C)OMP.  | # CONTAINERS  | MATRIX         | PRESERV.    | SAMPLING | Chloride         | TPH (8015M) | BTEX (8021B) |   |   |   |  |
|  | H240349       |                                 |  |   | GROUNDWATER    | SOIL        | OIL      | SLUDGE           | DATE        | TIME         |   |   |   |  |
| 11   | FL11 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
| 12   | FL12 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
| 13   | FL13 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
| 14   | FL14 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
| 15   | FL15 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
| 16   | FL16 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
| 17   | FL17 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
| 18   | FL18 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
| 19   | FL19 @ 5'     |                                 | C  | 1   | X              |             |          | X                | 1/24/24     |              | X | X | X |  |
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| Relinquished By:   | Date: 1-25-24 | Received By: <i>Jamara Olds</i> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No |   | Add'l Phone #: |             |          |                  |             |              |   |   |   |  |
| Relinquished By:   | Date: 1/25/24 | Received By: <i>Jamara Olds</i> | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No   |   | Add'l Fax #:   |             |          |                  |             |              |   |   |   |  |
| REMARKS:   |               |                                 |  |   |                |             |          |                  |             |              |   |   |   |  |
| Please email results and copy of CoC to pm@etechenv.com.   |               |                                 |  |   |                |             |          |                  |             |              |   |   |   |  |
| Delivered By: (Circle One)   |               | #140                            |  | Sample Condition  |                | CHECKED BY: |          |                  |             |              |   |   |   |  |
| Sampler - UPS - Bus - Other:   |               | - 7.7 °                         |  | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> |                | (Initials)  |          |                  |             |              |   |   |   |  |
| <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No <input type="checkbox"/> No   |               |                                 |  |   |                |             |          |                  |             |              |   |   |   |  |

FORM-006  
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

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January 31, 2024

LANCE CRENSHAW  
Etech Environmental & Safety Solutions  
2617 W MARLAND  
HOBBS, NM 88240

RE: MAGNUM ROAD RISER

Enclosed are the results of analyses for samples received by the laboratory on 01/26/24 14:34.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/26/2024 Sampling Date: 01/25/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Shalyn Rodriguez  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 21 @ 3' (H240371-01)**

| 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           | 01/29/2024 | ND              | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/29/2024 | ND              | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/29/2024 | ND              | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/29/2024 | ND              | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/29/2024 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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            | 01/29/2024 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND              | 201 | 101        | 200           | 6.47 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND              | 219 | 109        | 200           | 6.96 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 22 @ 3' (H240371-02)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/29/2024 | ND                     | 448 | 112        | 400           | 3.64 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND           | 201 | 101        | 200           | 6.47 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND           | 219 | 109        | 200           | 6.96 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 23 @ 3' (H240371-03)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/29/2024 | ND                     | 448 | 112        | 400           | 3.64 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 201 | 101        | 200           | 6.47 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 219 | 109        | 200           | 6.96 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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\*=Accredited Analyte

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 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 24 @ 2' (H240371-04)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/29/2024 | ND                     | 448 | 112        | 400           | 3.64 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 201 | 101        | 200           | 6.47 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 219 | 109        | 200           | 6.96 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 25 @ 2' (H240371-05)**

| 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           | 01/29/2024      | ND           | 2.37 | 118        | 2.00          | 1.28 |           |
| Toluene*       |  | <0.050 | 0.050           | 01/29/2024      | ND           | 2.38 | 119        | 2.00          | 2.81 |           |
| Ethylbenzene*  |  | <0.050 | 0.050           | 01/29/2024      | ND           | 2.50 | 125        | 2.00          | 5.85 |           |
| Total Xylenes* |  | <0.150 | 0.150           | 01/29/2024      | ND           | 7.50 | 125        | 6.00          | 7.20 |           |
| Total BTEX     |  | <0.300 | 0.300           | 01/29/2024      | ND           |      |            |               |      |           |

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

| Chloride, SM4500Cl-B |  | mg/kg  |                 | Analyzed By: CT |              |     |            |               |      |           |
|----------------------|--|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              |  | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             |  | 144    | 16.0            | 01/29/2024      | ND           | 400 | 100        | 400           | 3.92 |           |

| 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            | 01/29/2024      | ND           | 199 | 99.4       | 200           | 0.922 |           |
| DRO >C10-C28*    |  | <10.0  | 10.0            | 01/29/2024      | ND           | 244 | 122        | 200           | 9.36  |           |
| EXT DRO >C28-C36 |  | <10.0  | 10.0            | 01/29/2024      | ND           |     |            |               |       |           |

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 26 @ 2' (H240371-06)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |            | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result     | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>128</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 27 @ 2' (H240371-07)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>64.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 28 @ 2' (H240371-08)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 29 @ 2' (H240371-09)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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 Fax To:

|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 30 @ 2' (H240371-10)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |      |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.37 | 118        | 2.00          | 1.28 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.38 | 119        | 2.00          | 2.81 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.50 | 125        | 2.00          | 5.85 |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.50 | 125        | 6.00          | 7.20 |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |      |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 49.1-148

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 HOBBS NM, 88240  
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|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 31 @ 5' (H240371-11)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |              |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|--------------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier    |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  | QM-07, QR-03 |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 | QM-07, QR-03 |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  | QM-07, QR-03 |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  | QM-07, QR-03 |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |       |              |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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 HOBBS NM, 88240  
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|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 32 @ 5' (H240371-12)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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 HOBBS NM, 88240  
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|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 33 @ 5' (H240371-13)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 34 @ 5' (H240371-14)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND           | 199 | 99.4       | 200           | 0.922 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND           | 244 | 122        | 200           | 9.36  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND           |     |            |               |       |           |

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 35 @ 5' (H240371-15)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 36 @ 5' (H240371-16)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 37 @ 5' (H240371-17)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/29/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/29/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/29/2024 | ND                     |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/29/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 38 @ 5' (H240371-18)**

| 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           | 01/30/2024 | ND              | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 01/29/2024 | ND              | 400 | 100        | 400           | 3.92 |           |  |

| 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            | 01/30/2024 | ND              | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: FL 39 @ 5' (H240371-19)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: WW 1 (H240371-20)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>16.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: WW 2 (H240371-21)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: WW 3 (H240371-22)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  | GC-NC     |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: WW 4 (H240371-23)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>96.0</b> | 16.0            | 01/29/2024 | ND                     | 400 | 100        | 400           | 3.92 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: SW 1 (H240371-24)**

| 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           | 01/30/2024 | ND              | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 01/29/2024 | ND              | 400 | 100        | 400           | 3.92 |           |  |

| 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            | 01/30/2024 | ND              | 199 | 99.4       | 200           | 0.922 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 244 | 122        | 200           | 9.36  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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**Analytical Results For:**

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 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/26/2024 Sampling Date: 01/25/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Shalyn Rodriguez  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: SW 2 (H240371-25)**

| 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           | 01/30/2024 | ND              | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 01/29/2024 | 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            | 01/29/2024 | ND              | 203 | 101        | 200           | 0.400 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND              | 201 | 101        | 200           | 1.72  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: NW 1 (H240371-26)**

| 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           | 01/30/2024 | ND              | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | 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             | <16.0  | 16.0            | 01/29/2024 | 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            | 01/29/2024 | ND              | 203 | 101        | 200           | 0.400 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND              | 201 | 101        | 200           | 1.72  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 01/26/2024                   | Sampling Date:      | 01/25/2024       |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil             |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact    |
| Project Number:   | 19589                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                  |

**Sample ID: EW 1 (H240371-27)**

| 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           | 01/30/2024 | ND              | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 01/29/2024 | 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            | 01/29/2024 | ND              | 203 | 101        | 200           | 0.400 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND              | 201 | 101        | 200           | 1.72  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/26/2024 Sampling Date: 01/25/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Shalyn Rodriguez  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: EW 2 (H240371-28)**

| 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           | 01/30/2024 | ND              | 2.39 | 120        | 2.00          | 1.16  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.40 | 120        | 2.00          | 0.533 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.42 | 121        | 2.00          | 1.22  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.19 | 120        | 6.00          | 1.39  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 128    | 16.0            | 01/29/2024 | 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            | 01/29/2024 | ND              | 203 | 101        | 200           | 0.400 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/29/2024 | ND              | 201 | 101        | 200           | 1.72  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/29/2024 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

### Notes and Definitions

|       |   |
|-------|---|
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.  |
| GC-NC | 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.   |
| BS-3  | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.   |
| ND    | Analyte NOT DETECTED at or above the reporting limit  |
| RPD   | Relative Percent Difference   |
| **    | Samples not received at proper temperature of 6°C or below.   |
| ***   | Insufficient time to reach temperature.   |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C   |
|       | Samples reported on an as received basis (wet) unless otherwise noted on report   |

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|  |           |                          |   |  |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
|--|-----------|--------------------------|---|--|--|---------------|---|--|--|--|---|----------------|--|--------------|--|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc.   |           |                          |   | BILL TO  |  |               |   | ANALYSIS REQUEST   |  |  |   |                |  |              |  |  |  |  |  |
| Project Manager: Lance Crenshaw  |           |                          |   | P.O. #:  |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| Address: 2617 West Marland   |           |                          |   | Company Mewbourne  |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| City: Hobbs  |           | State: NM Zip: 88240     |   | Attn: Connor Walker  |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| Phone #: (575) 264-9884  |           | Fax #:                   |   | Address:   |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| Project #: 19589   |           | Project Owner: Mewbourne |   | City:  |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| Project Name: Magnum Road Riser  |           |                          |   | State: NM Zip:   |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| Project Location: 32.5394, -104.12464  |           |                          |   | Phone #:   |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| Sampler Name: Aaron Rios   |           |                          |   | Fax #:   |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| FOR LAB USE ONLY   |           |                          |   | MATRIX   |  | PRESERV.      |   | SAMPLING   |  | Chloride   |   | TPH (8015M)    |  | BTEX (8021B) |  |  |  |  |  |
| H240371  |           | Lab I.D.                 |   |  |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
|  |           | Sample I.D.              |   |  |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| 1  | FL21 @ 3' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 2  | FL22 @ 3' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 3  | FL23 @ 3' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 4  | FL24 @ 2' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 5  | FL25 @ 2' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 6  | FL26 @ 2' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 7  | FL27 @ 2' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 8  | FL28 @ 2' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 9  | FL29 @ 2' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
| 0  | FL30 @ 2' | C                        | 1 | X  |  |               | X | 1/25/24  |  | X  | X | X              |  |              |  |  |  |  |  |
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| Relinquished By:   |           | Date: 12/24              |   | Received By: SP Rodriguez  |  |               |   |  |  | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No |   | Add'l Phone #: |  |              |  |  |  |  |  |
|  |           | Time: 1434               |   |  |  |               |   |  |  | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No   |   | Add'l Fax #:   |  |              |  |  |  |  |  |
| Relinquished By:   |           | Date:                    |   | Received By:   |  |               |   |  |  | REMARKS:   |   |                |  |              |  |  |  |  |  |
|  |           | Time:                    |   |  |  |               |   |  |  |  |   |                |  |              |  |  |  |  |  |
| Delivered By: (Circle One)   |           |                          |   | Sample Condition   |  | CHECKED BY:   |   | Please email results and copy of CoC to pm@etechenv.com. |  |  |   |                |  |              |  |  |  |  |  |
| Sampler - UPS - Bus - Other: -39 - #140  |           |                          |   | Cool Intact<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No <input type="checkbox"/> No |  | (Initials) SP |   |  |  |  |   |                |  |              |  |  |  |  |  |

FORM-006  
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

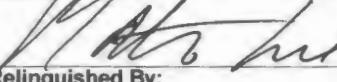


**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|   |  |                          |  |  |  |                          |  |          |  |            |  |   |  |      |  |  |  |
|---|--|--------------------------|--|--|--|--------------------------|--|----------|--|------------|--|---|--|------|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc.  |  |                          |  | <b>BILL TO</b>   |  | <b>ANALYSIS REQUEST</b>  |  |          |  |            |  |   |  |      |  |  |  |
| Project Manager: Lance Crenshaw   |  |                          |  | P.O. #:  |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| Address: 2617 West Marland  |  |                          |  | Company Mewbourne  |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| City: Hobbs   |  | State: NM Zip: 88240     |  | Attn: Connor Walker  |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| Phone #: (575) 264-9884   |  | Fax #:                   |  | Address:   |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| Project #: 19589  |  | Project Owner: Mewbourne |  | City:  |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| Project Name: Magnum Road Riser   |  |                          |  | State: NM Zip:   |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| Project Location: 32.5394, -104.12464   |  |                          |  | Phone #:   |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| Sampler Name: Aaron Rios  |  |                          |  | Fax #:   |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| FOR LAB USE ONLY<br><i>H240371</i>  |  | (G)RAB OR (C)OMP.        |  | # CONTAINERS   |  | MATRIX                   |  | PRESERV. |  | SAMPLING   |  |   |  |      |  |  |  |
| Lab I.D.  |  | Sample I.D.              |  |  |  | GROUNDWATER              |  | SOIL     |  | ICE / COOL |  |   |  |      |  |  |  |
| 11  |  | FL31 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | DATE 1/25/24  |  | TIME |  |  |  |
| 12  |  | FL32 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| 13  |  | FL33 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| 14  |  | FL34 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| 15  |  | FL35 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| 16  |  | FL36 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| 17  |  | FL37 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| 18  |  | FL38 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| 19  |  | FL39 @ 5'                |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| 20  |  | WW1                      |  | C 1  |  | X                        |  | X        |  | X          |  | 1/25/24   |  |      |  |  |  |
| <p>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.</p> |  |                          |  |  |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| Relinquished By:<br>  |  | Date: 1/26/24            |  | Received By:<br><i>Shrod Riosney</i>   |  |                          |  |          |  |            |  | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: |  |      |  |  |  |
| Relinquished By:  |  | Time: 1434               |  |  |  |                          |  |          |  |            |  | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:     |  |      |  |  |  |
| <p>REMARKS:</p> <p>Please email results and copy of CoC to pm@etechenv.com.</p>   |  |                          |  |  |  |                          |  |          |  |            |  |   |  |      |  |  |  |
| Delivered By: (Circle One) <i>-3.9</i>  |  |                          |  | Sample Condition<br>Cool Intact<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No <input type="checkbox"/> No |  | CHECKED BY:<br><i>SR</i> |  |          |  |            |  |   |  |      |  |  |  |
| Sampler - UPS - Bus - Other: #140   |  |                          |  |  |  |                          |  |          |  |            |  |   |  |      |  |  |  |



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|   |     |                          |                           |  |              |  |          |  |          |             |               |  |  |  |  |  |  |
|---|-----|--------------------------|---------------------------|--|--------------|--|----------|--|----------|-------------|---------------|--|--|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc.  |     |                          |                           | BILL TO  |              | ANALYSIS REQUEST   |          |  |          |             |               |  |  |  |  |  |  |
| Project Manager: Lance Crenshaw   |     |                          |                           | P.O. #:  |              |  |          |  |          |             |               |  |  |  |  |  |  |
| Address: 2617 West Marland  |     |                          |                           | Company Mewbourne  |              |  |          |  |          |             |               |  |  |  |  |  |  |
| City: Hobbs   |     | State: NM Zip: 88240     |                           | Attn: Connor Walker  |              |  |          |  |          |             |               |  |  |  |  |  |  |
| Phone #: (575) 264-9884   |     | Fax #:                   |                           | Address:   |              |  |          |  |          |             |               |  |  |  |  |  |  |
| Project #: 19589  |     | Project Owner: Mewbourne |                           | City:  |              |  |          |  |          |             |               |  |  |  |  |  |  |
| Project Name: Magnum Road Riser   |     |                          |                           | State: NM Zip:   |              |  |          |  |          |             |               |  |  |  |  |  |  |
| Project Location: 32.5394, -104.12464   |     |                          |                           | Phone #:   |              |  |          |  |          |             |               |  |  |  |  |  |  |
| Sampler Name: Aaron Rios  |     |                          |                           | Fax #:   |              |  |          |  |          |             |               |  |  |  |  |  |  |
| FOR LAB USE ONLY  |     | Sample I.D.              |                           | (G)RAB OR (C)OMP.  | # CONTAINERS | MATRIX   | PRESERV. | SAMPLING   | Chloride | TPH (8015M) | BTTEX (8021B) |  |  |  |  |  |  |
| H240371   |     |                          |                           |  |              | GROUNDWATER  |          |  |          |             |               |  |  |  |  |  |  |
| Lab I.D.  |     | Sample I.D.              |                           |  |              | WASTEWATER   |          |  |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              | SOIL   |          |  |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              | OIL  |          |  |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              | SLUDGE   |          |  |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              | OTHER :  |          |  |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              | ACID/BASE:   |          |  |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              | ICE / COOL   |          |  |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              | OTHER :  |          |  |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              |  | DATE     | TIME   |          |             |               |  |  |  |  |  |  |
|   |     |                          |                           |  |              |  |          |  |          |             |               |  |  |  |  |  |  |
| 21  | WW2 | C                        | 1                         | X  |              | X  | 1/25/24  |  | X        | X           | X             |  |  |  |  |  |  |
| 22  | WW3 | C                        | 1                         | X  |              | X  | 1/25/24  |  | X        | X           | X             |  |  |  |  |  |  |
| 23  | WW4 | C                        | 1                         | X  |              | X  | 1/25/24  |  | X        | X           | X             |  |  |  |  |  |  |
| 24  | SW1 | C                        | 1                         | X  |              | X  | 1/25/24  |  | X        | X           | X             |  |  |  |  |  |  |
| 25  | SW2 | C                        | 1                         | X  |              | X  | 1/25/24  |  | X        | X           | X             |  |  |  |  |  |  |
| 26  | NW1 | C                        | 1                         | X  |              | X  | 1/25/24  |  | X        | X           | X             |  |  |  |  |  |  |
| 27  | EW1 | C                        | 1                         | X  |              | X  | 1/25/24  |  | X        | X           | X             |  |  |  |  |  |  |
| 28  | EW2 | C                        | 1                         | X  |              | X  | 1/25/24  |  | X        | X           | X             |  |  |  |  |  |  |
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| Relinquished By:  |     | Date: 1/26/24            | Received By: S. Rodriguez |  |              | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No |          | Add'l Phone #:   |          |             |               |  |  |  |  |  |  |
|   |     | Time: 1434               |                           |  |              | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No   |          | Add'l Fax #:   |          |             |               |  |  |  |  |  |  |
| Relinquished By:  |     | Date:                    | Received By:              |  |              | REMARKS:   |          |  |          |             |               |  |  |  |  |  |  |
|   |     | Time:                    |                           |  |              |  |          |  |          |             |               |  |  |  |  |  |  |
| Delivered By: (Circle One) 3.9: #140  |     |                          |                           | Sample Condition Cool Intact   |              | CHECKED BY: (Initials) SR  |          | Please email results and copy of CoC to pm@etechenv.com. |          |             |               |  |  |  |  |  |  |
| Sampler - UPS - Bus - Other:  |     |                          |                           | <input type="checkbox"/> Yes <input type="checkbox"/> Yes<br><input type="checkbox"/> No <input type="checkbox"/> No |              |  |          |  |          |             |               |  |  |  |  |  |  |



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

January 31, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: MAGNUM ROAD RISER

Enclosed are the results of analyses for samples received by the laboratory on 01/30/24 8:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 40 @ 6' (H240407-01)**

| 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           | 01/31/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/31/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/31/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/31/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/31/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 128    | 16.0            | 01/30/2024 | 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            | 01/30/2024 | ND              | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 41 @ 6' (H240407-02)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/30/2024 | ND                     | 416 | 104        | 400           | 7.41 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 42 @ 6' (H240407-03)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/30/2024 | ND                     | 416 | 104        | 400           | 7.41 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 43 @ 9' (H240407-04)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/30/2024 | ND                     | 416 | 104        | 400           | 7.41 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 44 @ 9' (H240407-05)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/30/2024 | ND                     | 416 | 104        | 400           | 7.41 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 45 @ 9' (H240407-06)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: CT</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>64.0</b> | 16.0            | 01/30/2024 | ND                     | 416 | 104        | 400           | 7.41 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 46 @ 9' (H240407-07)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND              | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 47 @ 10' (H240407-08)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND              | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 48 @ 9' (H240407-09)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | 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             | 32.0   | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND              | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 49 @ 7' (H240407-10)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND              | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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**Analytical Results For:**

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 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 50 @ 10' (H240407-11)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND              | 225 | 112        | 200           | 1.10 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 232 | 116        | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 51 @ 10' (H240407-12)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |
| TPH 8015M            |        |                 |            |                 |     |            |               |      |           |  |

| Analyte          |       | Result |      | Reporting Limit |            | Analyzed |    | Method Blank |     | BS | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|-------|--------|------|-----------------|------------|----------|----|--------------|-----|----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              | 202 |    | 101        | 200           | 1.76 |           |
| DRO >C10-C28*    | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              | 191 |    | 95.3       | 200           | 5.67 |           |
| EXT DRO >C28-C36 | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              |     |    |            |               |      |           |

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 52 @ 1' (H240407-13)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>64.0</b> | 16.0            | 01/30/2024 | ND                     | 400 | 100        | 400           | 7.69 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND           | 202 | 101        | 200           | 1.76 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND           | 191 | 95.3       | 200           | 5.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 53 @ 1' (H240407-14)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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             | 192    | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |
| TPH 8015M            |        |                 |            |                 |     |            |               |      |           |  |

| Analyte          |       | Result |      | Reporting Limit |            | Analyzed |    | Method Blank |     | BS | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|-------|--------|------|-----------------|------------|----------|----|--------------|-----|----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              | 202 |    | 101        | 200           | 1.76 |           |
| DRO >C10-C28*    | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              | 191 |    | 95.3       | 200           | 5.67 |           |
| EXT DRO >C28-C36 | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              |     |    |            |               |      |           |

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 54 @ 2' (H240407-15)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/30/2024 | ND                     | 400 | 100        | 400           | 7.69 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND           | 202 | 101        | 200           | 1.76 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND           | 191 | 95.3       | 200           | 5.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 55 @ 6' (H240407-16)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>48.0</b> | 16.0            | 01/30/2024 | ND                     | 400 | 100        | 400           | 7.69 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 202 | 101        | 200           | 1.76 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 191 | 95.3       | 200           | 5.67 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 56 @ 6' (H240407-17)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | 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             | 16.0   | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |
| TPH 8015M            |        |                 |            |                 |     |            |               |      |           |  |

| Analyte          |       | Result |      | Reporting Limit |            | Analyzed |    | Method Blank |     | BS | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|-------|--------|------|-----------------|------------|----------|----|--------------|-----|----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              | 202 |    | 101        | 200           | 1.76 |           |
| DRO >C10-C28*    | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              | 191 |    | 95.3       | 200           | 5.67 |           |
| EXT DRO >C28-C36 | <10.0 |        | 10.0 |                 | 01/30/2024 |          | ND |              |     |    |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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 HOBBS NM, 88240  
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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 57 @ 5' (H240407-18)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/30/2024 | ND                     | 400 | 100        | 400           | 7.69 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND           | 202 | 101        | 200           | 1.76 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND           | 191 | 95.3       | 200           | 5.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 58 @ 2' (H240407-19)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>32.0</b> | 16.0            | 01/30/2024 | ND                     | 400 | 100        | 400           | 7.69 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 202 | 101        | 200           | 1.76 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 191 | 95.3       | 200           | 5.67 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: FL 59 @ 5.5' (H240407-20)**

| 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           | 01/30/2024 | ND              | 1.97 | 98.4       | 2.00          | 0.709 |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.08 | 104        | 2.00          | 2.17  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.09 | 104        | 2.00          | 3.11  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 6.28 | 105        | 6.00          | 2.97  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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             | 80.0   | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND              | 202 | 101        | 200           | 1.76 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND              | 191 | 95.3       | 200           | 5.67 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 60 @ 5.5' (H240407-21)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.41 | 120        | 2.00          | 2.12  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.34 | 117        | 2.00          | 0.376 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.44 | 122        | 2.00          | 2.92  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 7.32 | 122        | 6.00          | 3.60  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

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

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>80.0</b> | 16.0            | 01/30/2024 | ND                     | 400 | 100        | 400           | 7.69 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 202 | 101        | 200           | 1.76 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 191 | 95.3       | 200           | 5.67 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 61 @ 5.5' (H240407-22)**

| <b>BTEX 8021B</b> |  | <b>mg/kg</b> |                 | <b>Analyzed By: JH</b> |              |      |            |               |       |           |
|-------------------|--|--------------|-----------------|------------------------|--------------|------|------------|---------------|-------|-----------|
| Analyte           |  | Result       | Reporting Limit | Analyzed               | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*          |  | <0.050       | 0.050           | 01/30/2024             | ND           | 2.41 | 120        | 2.00          | 2.12  |           |
| Toluene*          |  | <0.050       | 0.050           | 01/30/2024             | ND           | 2.34 | 117        | 2.00          | 0.376 |           |
| Ethylbenzene*     |  | <0.050       | 0.050           | 01/30/2024             | ND           | 2.44 | 122        | 2.00          | 2.92  |           |
| Total Xylenes*    |  | <0.150       | 0.150           | 01/30/2024             | ND           | 7.32 | 122        | 6.00          | 3.60  |           |
| Total BTEX        |  | <0.300       | 0.300           | 01/30/2024             | ND           |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |  | <b>mg/kg</b> |                 | <b>Analyzed By: AC</b> |              |     |            |               |      |           |
|-----------------------------|--|--------------|-----------------|------------------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                     |  | Result       | Reporting Limit | Analyzed               | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>             |  | <b>80.0</b>  | 16.0            | 01/30/2024             | ND           | 400 | 100        | 400           | 7.69 |           |

| <b>TPH 8015M</b> |  | <b>mg/kg</b> |                 | <b>Analyzed By: MS</b> |              |     |            |               |      |           |
|------------------|--|--------------|-----------------|------------------------|--------------|-----|------------|---------------|------|-----------|
| Analyte          |  | Result       | Reporting Limit | Analyzed               | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      |  | <10.0        | 10.0            | 01/30/2024             | ND           | 202 | 101        | 200           | 1.76 |           |
| DRO >C10-C28*    |  | <10.0        | 10.0            | 01/30/2024             | ND           | 191 | 95.3       | 200           | 5.67 |           |
| EXT DRO >C28-C36 |  | <10.0        | 10.0            | 01/30/2024             | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: FL 62 @ 5.5' (H240407-23)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.41 | 120        | 2.00          | 2.12  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.34 | 117        | 2.00          | 0.376 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.44 | 122        | 2.00          | 2.92  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 7.32 | 122        | 6.00          | 3.60  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>80.0</b> | 16.0            | 01/30/2024 | ND                     | 400 | 100        | 400           | 7.69 |           |  |

| <b>TPH 8015M</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: MS</b> |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND                     | 202 | 101        | 200           | 1.76 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND                     | 191 | 95.3       | 200           | 5.67 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND                     |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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 HOBBS NM, 88240  
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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 01/30/2024                   | Sampling Date:      | 01/29/2024     |
| Reported:         | 01/31/2024                   | Sampling Type:      | Soil           |
| Project Name:     | MAGNUM ROAD RISER            | Sampling Condition: | Cool & Intact  |
| Project Number:   | 19589                        | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBURNE 32.5394, -104.12464 |                     |                |

**Sample ID: EW 3 (H240407-24)**

| <b>BTEX 8021B</b> |        | <b>mg/kg</b>    |            | <b>Analyzed By: JH</b> |      |            |               |       |           |  |
|-------------------|--------|-----------------|------------|------------------------|------|------------|---------------|-------|-----------|--|
| Analyte           | Result | Reporting Limit | Analyzed   | Method Blank           | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.41 | 120        | 2.00          | 2.12  |           |  |
| Toluene*          | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.34 | 117        | 2.00          | 0.376 |           |  |
| Ethylbenzene*     | <0.050 | 0.050           | 01/30/2024 | ND                     | 2.44 | 122        | 2.00          | 2.92  |           |  |
| Total Xylenes*    | <0.150 | 0.150           | 01/30/2024 | ND                     | 7.32 | 122        | 6.00          | 3.60  |           |  |
| Total BTEX        | <0.300 | 0.300           | 01/30/2024 | ND                     |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

| <b>Chloride, SM4500Cl-B</b> |             | <b>mg/kg</b>    |            | <b>Analyzed By: AC</b> |     |            |               |      |           |  |
|-----------------------------|-------------|-----------------|------------|------------------------|-----|------------|---------------|------|-----------|--|
| Analyte                     | Result      | Reporting Limit | Analyzed   | Method Blank           | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>             | <b>64.0</b> | 16.0            | 01/30/2024 | ND                     | 400 | 100        | 400           | 7.69 |           |  |
| <b>TPH 8015M</b>            |             |                 |            |                        |     |            |               |      |           |  |

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 01/30/2024 | ND           | 202 | 101        | 200           | 1.76 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/30/2024 | ND           | 191 | 95.3       | 200           | 5.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/30/2024 | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: EW 4 (H240407-25)**

| 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           | 01/30/2024 | ND              | 2.41 | 120        | 2.00          | 2.12  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.34 | 117        | 2.00          | 0.376 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.44 | 122        | 2.00          | 2.92  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.32 | 122        | 6.00          | 3.60  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | 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             | 192    | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/31/2024 | ND              | 202 | 101        | 200           | 1.76 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/31/2024 | ND              | 191 | 95.3       | 200           | 5.67 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/31/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: NW 2 (H240407-26)**

| 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           | 01/30/2024 | ND              | 2.41 | 120        | 2.00          | 2.12  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.34 | 117        | 2.00          | 0.376 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.44 | 122        | 2.00          | 2.92  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.32 | 122        | 6.00          | 3.60  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 01/30/2024 | ND              | 400 | 100        | 400           | 7.69 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/31/2024 | ND              | 202 | 101        | 200           | 1.76 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/31/2024 | ND              | 191 | 95.3       | 200           | 5.67 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/31/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 01/30/2024 Sampling Date: 01/29/2024  
 Reported: 01/31/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Tamara Oldaker  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: SW 3 (H240407-27)**

| 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           | 01/30/2024 | ND              | 2.41 | 120        | 2.00          | 2.12  |           |  |
| Toluene*       | <0.050 | 0.050           | 01/30/2024 | ND              | 2.34 | 117        | 2.00          | 0.376 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 01/30/2024 | ND              | 2.44 | 122        | 2.00          | 2.92  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 01/30/2024 | ND              | 7.32 | 122        | 6.00          | 3.60  |           |  |
| Total BTEX     | <0.300 | 0.300           | 01/30/2024 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 96.0   | 16.0            | 01/30/2024 | ND              | 432 | 108        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 01/31/2024 | ND              | 202 | 101        | 200           | 1.76 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 01/31/2024 | ND              | 191 | 95.3       | 200           | 5.67 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 01/31/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|  |            |                          |   |  |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
|--|------------|--------------------------|---|--|------------|------------------------|--------------|------------------|----------|---|------|------|----------|-------------|---------------|---|---|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc.   |            |                          |   | BILL TO  |            |                        |              | ANALYSIS REQUEST |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Project Manager: Lance Crenshaw  |            |                          |   | P.O. #:  |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Address: 2617 West Marland   |            |                          |   | Company <b>SEE REMARKS</b>   |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| City: Hobbs  |            | State: NM Zip: 88240     |   | Attn:  |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Phone #: (575) 264-9884  |            | Fax #:                   |   | Address:   |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Project #: 19589   |            | Project Owner: Mewbourne |   | City:  |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Project Name: Magnum Road Riser  |            |                          |   | State: NM Zip:   |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Project Location: 32.5394, -104.12464  |            |                          |   | Phone #:   |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Sampler Name: Aaron Rios   |            |                          |   | Fax #:   |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| FOR LAB USE ONLY   |            | Lab I.D.                 |   | Sample I.D.  |            | (G)RAB OR (C)OMP.      | # CONTAINERS | MATRIX           | PRESERV. | SAMPLING  | DATE | TIME | Chloride | TPH (8015M) | BTTEX (8021B) |   |   |  |  |  |  |
| H240407  |            |                          |   | GROUNDWATER  | WASTEWATER |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| 1  | FL40 @ 6'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 2  | FL41 @ 6'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 3  | FL42 @ 6'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 4  | FL43 @ 9'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 5  | FL44 @ 9'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 6  | FL45 @ 9'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 7  | FL46 @ 9'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 8  | FL47 @ 10' | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 9  | FL48 @ 9'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
| 10   | FL49 @ 7'  | C                        | 1 | X  |            |                        |              |                  | X        |   | X    |      | 1/29/24  |             | X             | X | X |  |  |  |  |
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| Relinquished By:   |            | Date: 1-30-24            |   | Received By: <i>Aaron Alday</i>  |            |                        |              |                  |          | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: |      |      |          |             |               |   |   |  |  |  |  |
|  |            | Time: 0805               |   |  |            |                        |              |                  |          | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:     |      |      |          |             |               |   |   |  |  |  |  |
| Relinquished By:   |            | Date:                    |   | Received By:   |            |                        |              |                  |          | REMARKS:  |      |      |          |             |               |   |   |  |  |  |  |
|  |            | Time:                    |   |  |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Delivered By: (Circle One)   |            | -82°c                    |   | Sample Condition   |            | CHECKED BY: (Initials) |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
|  |            |                          |   | Cool <input type="checkbox"/> Intact <input type="checkbox"/><br>Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/><br>No <input type="checkbox"/> No <input type="checkbox"/> |            | <i>AR</i>              |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |
| Sampler - UPS - Bus - Other:   |            | #140                     |   |  |            |                        |              |                  |          |   |      |      |          |             |               |   |   |  |  |  |  |

 FORM-006  
 Revision 1.0

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**RUSH SAMPLES**

Bill analytical charges to Mewbourne C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.

Please email results and copy of CoC to pm@etechenv.com.



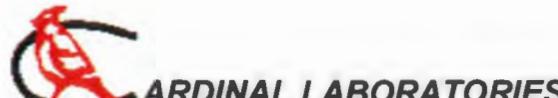
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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|   |                    |   |  |   |                 |  |                     |                         |         |  |   |   |   |  |  |  |  |  |  |  |  |
|---|--------------------|---|--|---|-----------------|--|---------------------|-------------------------|---------|--|---|---|---|--|--|--|--|--|--|--|--|
| <b>Company Name:</b> Etech Environmental & Safety Solutions, Inc.<br><b>Project Manager:</b> Lance Crenshaw<br><b>Address:</b> 2617 West Marland<br><b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88240<br><b>Phone #:</b> (575) 264-9884 <b>Fax #:</b><br><b>Project #:</b> 19589 <b>Project Owner:</b> Mewbourne<br><b>Project Name:</b> Magnum Road Riser<br><b>Project Location:</b> 32.5394, -104.12464<br><b>Sampler Name:</b> Aaron Rios   |                    |   |  |   |                 | <b>BILL TO</b>   |                     | <b>ANALYSIS REQUEST</b> |         |  |   |   |   |  |  |  |  |  |  |  |  |
|   |                    |   |  |   |                 | <b>P.O. #:</b><br><b>Company:</b> SEE REMARKS<br><b>Attn:</b><br><b>Address:</b><br><b>City:</b><br><b>State:</b> NM <b>Zip:</b><br><b>Phone #:</b><br><b>Fax #:</b> |                     |                         |         |  |   |   |   |  |  |  |  |  |  |  |  |
| <b>FOR LAB USE ONLY</b><br><br><b>Lab I.D.</b><br><br><i>H240407</i>  | <b>Sample I.D.</b> |   | <b>(S)RAB OR (C)OMP.</b><br><b># CONTAINERS</b><br><b>GROUNDWATER</b><br><b>WASTEWATER</b><br><b>SOIL</b><br><b>OIL</b><br><b>SLUDGE</b><br><b>OTHER :</b><br><b>ACID/BASE:</b><br><b>ICE / COOL</b><br><b>OTHER :</b> | <b>MATRIX</b><br><br><b>PRESERV.</b><br><br><b>SAMPLING</b><br><br><b>DATE</b><br><br><b>TIME</b>   | <b>Chloride</b> | <b>TPH (8015M)</b>   | <b>BTEX (8021B)</b> |                         |         |  |   |   |   |  |  |  |  |  |  |  |  |
|   | 11                 | FL50 @ 10'                                |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 12                 | FL51 @ 10'                                |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 13                 | FL52 @ 1'                                 |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 14                 | FL53 @ 1'                                 |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 15                 | FL54 @ 2'                                 |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 16                 | FL55 @ 6'                                 |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 17                 | FL56 @ 6'                                 |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 18                 | FL57 @ 5'                                 |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 19                 | FL58 @ 2'                                 |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
|   | 20                 | FL59 @ 5.5'                               |  |   | C               | 1  | X                   | X                       | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |
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| <b>Relinquished By:</b><br>   |                    | <b>Received By:</b><br><i>Janice Olds</i> |  | <b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b><br><b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b><br><b>REMARKS:</b> |                 |  |                     |                         |         |  |   |   |   |  |  |  |  |  |  |  |  |
| <b>Relinquished By:</b><br>   |                    | <b>Received By:</b><br>                   |  | <b>RUSH SAMPLES</b><br><small>Bill analytical charges to Mewbourne C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.</small><br><small>Please email results and copy of CoC to pm@etechenv.com.</small>     |                 |  |                     |                         |         |  |   |   |   |  |  |  |  |  |  |  |  |
| <b>Delivered By: (Circle One)</b><br><b>Sampler - UPS - Bus - Other:</b><br><i>#140</i>   |                    |   |  | <b>Sample Condition</b><br><small>Cool Intact</small><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes<br><input type="checkbox"/> No <input type="checkbox"/> No                                  |                 | <b>CHECKED BY:</b><br><small>(Initials)</small><br><i>Y</i>  |                     |                         |         |  |   |   |   |  |  |  |  |  |  |  |  |

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: Etech Environmental & Safety Solutions, Inc.   |             |  |              | <b>BILL TO</b>                 |            | <b>ANALYSIS REQUEST</b>  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------|--|--------------|--------------------------------|------------|--|----------|------------------------|---------|----------|-----|--------|-------------|------------|-------------|-------------------|--------------|--------------|---|----------|----------|------|------|----------|--|--|-------------|--|--|--------------|--|--|-------------|------------|------|-----|--------|---------|------------|------------|---------|---|---|---|---|---|---|---|----|-------------|---|---|---|--|--|--|---|---------|--|---|---|---|--|--|--|--|----|-------------|---|---|---|--|--|--|---|---------|--|---|---|---|--|--|--|--|----|-------------|---|---|---|--|--|--|---|---------|--|---|---|---|--|--|--|--|----|-----|---|---|---|--|--|--|---|---------|--|---|---|---|--|--|--|--|----|-----|---|---|---|--|--|--|---|---------|--|---|---|---|--|--|--|--|----|-----|---|---|---|--|--|--|---|---------|--|---|---|---|--|--|--|--|----|-----|---|---|---|--|--|--|---|---------|--|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Project Manager: Lance Crenshaw  |             |  |              | P.O. #:                        |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Address: 2617 West Marland   |             |  |              | Company <b>SEE REMARKS</b>     |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| City: Hobbs  |             | State: NM Zip: 88240   |              | Attn:                          |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Phone #: (575) 264-9884  |             | Fax #:   |              | Address:                       |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Project #: 19589   |             | Project Owner: Mewbourne   |              | City:                          |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Project Name: Magnum Road Riser  |             |  |              | State: NM Zip:                 |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Project Location: 32.5394, -104.12464  |             |  |              | Phone #:                       |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sampler Name: Aaron Rios   |             |  |              | Fax #:                         |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FOR LAB USE ONLY   |             | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 15%;">Lab I.D.</th> <th rowspan="2" style="width: 45%;">Sample I.D.</th> <th rowspan="2" style="width: 10%;">(G)RAB OR (C)OMP.</th> <th rowspan="2" style="width: 10%;"># CONTAINERS</th> <th colspan="2" style="width: 15%;">MATRIX</th> <th rowspan="2" style="width: 10%;">PRESERV.</th> <th rowspan="2" style="width: 10%;">SAMPLING</th> <th rowspan="2" style="width: 10%;">DATE</th> <th rowspan="2" style="width: 10%;">TIME</th> <th colspan="3" style="width: 30%;">Chloride</th> <th colspan="3" style="width: 30%;">TPH (8015M)</th> <th colspan="3" style="width: 30%;">BTEX (8021B)</th> </tr> <tr> <th>GROUNDWATER</th> <th>WASTEWATER</th> <th>SOIL</th> <th>OIL</th> <th>SLUDGE</th> <th>OTHER :</th> <th>ACID/BASE:</th> <th>ICE / COOL</th> <th>OTHER :</th> <th>X</th> <th>X</th> <th>X</th> <th>X</th> <th>X</th> <th>X</th> <th>X</th> </tr> </thead> <tbody> <tr> <td>21</td> <td>FL60 @ 5.5'</td> <td>C</td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td>1/29/24</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>22</td> <td>FL61 @ 5.5'</td> <td>C</td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td>1/29/24</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>23</td> <td>FL62 @ 5.5'</td> <td>C</td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td>1/29/24</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>24</td> <td>EW3</td> <td>C</td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td>1/29/24</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>EW4</td> <td>C</td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td>1/29/24</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>26</td> <td>NW2</td> <td>C</td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td>1/29/24</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>27</td> <td>SW3</td> <td>C</td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td>1/29/24</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> </tr> <tr> <td></td> </tr> <tr> <td></td> </tr> </tbody> </table> |              |                                |            |  |          |                        |         |          |     |        |             | Lab I.D.   | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX       |   | PRESERV. | SAMPLING | DATE | TIME | Chloride |  |  | TPH (8015M) |  |  | BTEX (8021B) |  |  | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | X | X | X | X | X | X | X | 21 | FL60 @ 5.5' | C | 1 | X |  |  |  | X | 1/29/24 |  | X | X | X |  |  |  |  | 22 | FL61 @ 5.5' | C | 1 | X |  |  |  | X | 1/29/24 |  | X | X | X |  |  |  |  | 23 | FL62 @ 5.5' | C | 1 | X |  |  |  | X | 1/29/24 |  | X | X | X |  |  |  |  | 24 | EW3 | C | 1 | X |  |  |  | X | 1/29/24 |  | X | X | X |  |  |  |  | 25 | EW4 | C | 1 | X |  |  |  | X | 1/29/24 |  | X | X | X |  |  |  |  | 26 | NW2 | C | 1 | X |  |  |  | X | 1/29/24 |  | X | X | X |  |  |  |  | 27 | SW3 | C | 1 | X |  |  |  | X | 1/29/24 |  | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lab I.D.   | Sample I.D. | (G)RAB OR (C)OMP.  | # CONTAINERS | MATRIX                         |            | PRESERV.   | SAMPLING | DATE                   | TIME    | Chloride |     |        | TPH (8015M) |            |             |                   |              | BTEX (8021B) |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |              | GROUNDWATER                    | WASTEWATER |  |          |                        |         | SOIL     | OIL | SLUDGE | OTHER :     | ACID/BASE: | ICE / COOL  | OTHER :           | X            | X            | X | X        | X        | X    | X    |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21   | FL60 @ 5.5' | C  | 1            | X                              |            |  |          | X                      | 1/29/24 |          | X   | X      | X           |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22   | FL61 @ 5.5' | C  | 1            | X                              |            |  |          | X                      | 1/29/24 |          | X   | X      | X           |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23   | FL62 @ 5.5' | C  | 1            | X                              |            |  |          | X                      | 1/29/24 |          | X   | X      | X           |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24   | EW3         | C  | 1            | X                              |            |  |          | X                      | 1/29/24 |          | X   | X      | X           |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25   | EW4         | C  | 1            | X                              |            |  |          | X                      | 1/29/24 |          | X   | X      | X           |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26   | NW2         | C  | 1            | X                              |            |  |          | X                      | 1/29/24 |          | X   | X      | X           |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27   | SW3         | C  | 1            | X                              |            |  |          | X                      | 1/29/24 |          | X   | X      | X           |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |              |                                |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |              |                                |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |             |  |              |                                |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Relinquished By:   |             | Date: 1-30-24  |              | Received By: <i>Amara Olds</i> |            | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:<br>Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:<br>REMARKS:                                 |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished By:   |             | Date: 0805   |              | Received By: <i>Amara Olds</i> |            |  |          |                        |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Delivered By: (Circle One)   |             |  |              | -8.2°c                         |            | Sample Condition   |          | CHECKED BY:            |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sampler - UPS - Bus - Other:   |             |  |              | #140                           |            | Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No <input type="checkbox"/> No |          | (Initials) <i>L.C.</i> |         |          |     |        |             |            |             |                   |              |              |   |          |          |      |      |          |  |  |             |  |  |              |  |  |             |            |      |     |        |         |            |            |         |   |   |   |   |   |   |   |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |             |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |    |     |   |   |   |  |  |  |   |         |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

May 17, 2024

LANCE CRENSHAW  
Etech Environmental & Safety Solutions  
2617 W MARLAND  
HOBBS, NM 88240

RE: MAGNUM ROAD RISER

Enclosed are the results of analyses for samples received by the laboratory on 05/16/24 15:37.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Snyder".

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



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**Analytical Results For:**

Etech Environmental & Safety Solutions  
 LANCE CRENSHAW  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 05/16/2024 Sampling Date: 05/16/2024  
 Reported: 05/17/2024 Sampling Type: Soil  
 Project Name: MAGNUM ROAD RISER Sampling Condition: Cool & Intact  
 Project Number: 19589 Sample Received By: Alyssa Parras  
 Project Location: MEWBURNE 32.5394, -104.12464

**Sample ID: BALLARD TOPSOIL PIT (H242725-01)**

| 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           | 05/16/2024 | ND              | 2.15 | 108        | 2.00          | 2.32   |           |  |
| Toluene*       | <0.050 | 0.050           | 05/16/2024 | ND              | 2.18 | 109        | 2.00          | 0.855  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 05/16/2024 | ND              | 2.14 | 107        | 2.00          | 0.0235 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 05/16/2024 | ND              | 6.58 | 110        | 6.00          | 0.307  |           |  |
| Total BTEX     | <0.300 | 0.300           | 05/16/2024 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: CT |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 05/17/2024 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 05/17/2024 | ND              | 201 | 101        | 200           | 2.64 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/17/2024 | ND              | 200 | 99.8       | 200           | 1.30 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/17/2024 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

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



---

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

---

### Notes and Definitions

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

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Cardinal Laboratories

\*=Accredited Analyte

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

A handwritten signature in black ink, appearing to read "Mike Snyder".

---

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


**ARDINAL LABORATORIES**

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|  |                     |   |               |                         |   |   |  |  |                         |   |      |   |  |  |  |  |  |  |  |  |  |  |  |  |
|--|---------------------|---|---------------|-------------------------|---|---|--|--|-------------------------|---|------|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc.<br>Project Manager: Lance Crenshaw<br>Address: 2617 West Marland<br>City: Hobbs State: NM Zip: 88240<br>Phone #: (575) 264-9884 Fax #:<br>Project #: 19589 Project Owner: Mewbourne<br>Project Name: Magnum Road Riser<br>Project Location: 32.5394, -104.12464<br>Sampler Name: David Robinson   |                     |   |               |                         |   | <b>BILL TO</b><br>P.O. #:<br>Company <b>SEE REMARKS</b><br>Attn:<br>Address:<br>City:<br>State: NM Zip:<br>Phone #:<br>Fax #:   |  |  | <b>ANALYSIS REQUEST</b> |   |      |   |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                     |   |               |                         |   |   |  |  |                         |   |      |   |  |  |  |  |  |  |  |  |  |  |  |  |
| FOR LAB USE ONLY<br><br><b>Lab I.D.</b><br><br>4747725<br>1  | <b>Sample I.D.</b>  |   |               |                         |   |   | MATRIX<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE<br>OTHER :<br>ACID/BASE<br>ICE / COOL<br>OTHER :  | PRESERV.<br>✓                          | SAMPLING                | DATE<br>5/16/24   | TIME | Chloride<br>TPH (8015M)<br>BTEx (8021B) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                     |   |               |                         |   |   |  |  |                         |   |      |   |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ballard Topsoil Pit | C | 1             | X                       | X |   |  |  |                         |   |      |   |  |  |  |  |  |  |  |  |  |  |  |  |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. |                     |   |               |                         |   |   |  |  |                         |   |      |   |  |  |  |  |  |  |  |  |  |  |  |  |
| relinquished By:<br>   |                     |   | Date: 5/16/24 | Received By:<br>Asperas |   |   | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:<br>Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:<br>REMARKS: |  |                         |   |      |   |  |  |  |  |  |  |  |  |  |  |  |  |
| relinquished By:<br>   |                     |   | Date: 5/16/24 | Received By:<br>Asperas |   |   |  |  |                         |   |      |   |  |  |  |  |  |  |  |  |  |  |  |  |
| Delivered By: (Circle One) <b>-9.1.0</b><br>Sampler - UPS - Bus - Other: <b>#140</b>   |                     |   |               |                         |   | Sample Condition<br>Cool <input type="checkbox"/> Intact <input type="checkbox"/><br>Yes <input type="checkbox"/> Yes <input type="checkbox"/><br>No <input type="checkbox"/> No <input type="checkbox"/> |  | CHECKED BY:<br>(Initials)<br><b>AD</b> |                         | <b>RUSH SAMPLES - 24 HOUR</b><br>Bill analytical charges to Mewbourne C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.<br>Please email results and copy of CoC to pm@etechenv.com. |      |   |  |  |  |  |  |  |  |  |  |  |  |  |

\* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

## **Appendix E**

### **Regulatory Correspondence**

**From:** Connor Walker  
**To:** Lance Crenshaw; Jeff Broom; Ben Argujo  
**Subject:** FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 305427  
**Date:** Friday, January 19, 2024 9:48:03 AM

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Friday, January 19, 2024 8:46 AM  
**To:** Connor Walker <cwalker@mewbourne.com>  
**Subject:** [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 305427

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2401652735.

The sampling event is expected to take place:

**When:** 01/23/2024 @ 08:00  
**Where:** P-25-20S-28E 0 FNL 0 FEL (32.53939,-104.12453)

**Additional Information:** Sample tech: Aaron Rios  
Phone: 432-701-8602  
[aaronr@etechenv.com](mailto:aaronr@etechenv.com)

**Additional Instructions:** From the intersection of Magnum Rd and Co Rd 238 (GPS: 32.566641, -104.122749), head S on Magnum Rd for 1.78 mi, then SW for 0.14 mi, then S into the pasture for 0.04 mi to arrive at the Magnum Road Riser release area (GPS: 32.539259, -104.124724).

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

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

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

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

**From:** [Lance Crenshaw via monday.com](#)  
**To:** [Ben Arquijo](#)  
**Subject:** Re: PWMS Magnum Rd Riser - To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO), The...  
**Date:** Wednesday, May 15, 2024 5:04:37 PM

---

## Connor Walker

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2401652735,

for the following reasons:

- **Reclamation denied. The following needs to be submitted for reclamation approval. Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. Pictures of the backfilled areas showing that the area is back to the original condition or the final land use and maintain those areas to control dust/minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.**
- **Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC.**
- **Resubmit report to the OCD by 6/14/2024.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 322698.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Shelly Wells

Environmental Specialist-A

505-469-7520

[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources  
Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

**From:** OCDOnline@emnrd.nm.gov <OCDOnline@emnrd.nm.gov>  
**Sent:** Friday, December 19, 2025 9:46 AM  
**To:** Jeff Broom <jbroom@mewbourne.com>  
**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 528515

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2401652735, for the following reasons:

- **Remediation closure denied for the following reasons:**
- **1) The depths of excavation listed in Table I do not match with the photographic documentation provided of the excavation. According to Table I, from WW1/WW2 all the way over to the east side of the excavation at EW2 and EW3 you excavated to 5, however referring to Photos 5-7 there is a higher section that appears to run through the entire middle of the excavation. Update Figure or Table to reflect this. In addition, explain if sidewall samples were collected along these interior sidewalls as they should have been in order to confirm they did not need to be further extended laterally.**
- **2) FL 20 is shown on Figure 3 but data for it is missing from Table I. Update.**
- **Submit updated report addressing the reasons for rejection by 1/19/26.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 528515.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,  
Shelly Wells  
Environmental Specialist-A  
505-469-7520  
[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)

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

**From:** [Wells, Shelly, EMNRD](#)  
**To:** [Ben Argujo](#)  
**Cc:** [Conner Walker \(cwalker@mewbourne.com\)](#); [Lance Crenshaw](#); [Jeff Broom](#); [Cesar Rosendo](#)  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 528515  
**Date:** Wednesday, January 14, 2026 12:09:07 PM  
**Attachments:** [image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)

---

Hi Ben,

All of the additional information you have provided to me below should be attached to an all inclusive remediation closure report and be resubmitted to the OCD Permitting website.

Kind regards,

Shelly

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

---

**From:** Ben Argujo <bena@etechenv.com>  
**Sent:** Thursday, January 8, 2026 9:30 PM  
**To:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Cc:** Conner Walker (cwalker@mewbourne.com) <cwalker@mewbourne.com>; Lance Crenshaw <lance@etechenv.com>; Jeff Broom <jbroom@mewbourne.com>; Cesar Rosendo <crosendo@mewbourne.com>  
**Subject:** [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 528515

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

Shelly,

In regard to item 2.1 in your rejection of the closure request for the PWMS Magnum Road Riser release (nAPP2401652735, email included below this message), the depths listed in Table 1 of the report reflect the depth of the deepest composite subsample collected within the given sampling zone. I did not personally visit the site and did not draft the Sample Location Map (I only made revisions). However, based on the depths of the samples collected at the southern end of the excavation (i.e., FL 1, 2, 28, 29, and 30), the composite subsamples for FL 3, 4, 7, 8, 12, 13, 16, and 17, which were in/around the higher section of the excavation, would have been collected at depths ranging from 2 to 5 feet bgs. Subsamples in the deeper sections on the eastern side of the excavation would have been collected both along the excavation floor and along any interior walls per Etech's SOP, again with the deepest sample depth for each composite reflected in Table 1 and/or the sample name.

For the perimeter wall samples (NW1 & 2, EW1–EW4, etc.), the depths listed in Table 1 are ranges (e.g., 0-2, 0-5, etc.), as composite subsamples were collected along the walls at varying depths between ground surface and the base of the excavation in each section. The upper limits of the ranges reflect the deepest depth sampled for each composite. For example, the floor in the areas of wall samples EW 1 and WW3 ranged from 2 to 5 feet in depth, as shown in the figure below:



As for item 3.2, a field sample was collected in the area designated as FL 20 but was inadvertently not submitted for laboratory analysis. However, the field test result and the lab results for the surrounding floor samples (FL 17, 18, 19, 21, 22, and 23) and wall sample (WW3) indicate that area (yellow point marker in the figure above) was delineated both horizontally and vertically. Based on a comparison between the field test data and lab results for the surrounding confirmation samples, the concentration of chloride remaining in-situ in FL 20 is estimated to be approximately 48 mg/kg. There was no petroleum odor or staining in the field sample; therefore, TPH and BTEX are inferred to be below the respective laboratory MDLs, as with the surrounding samples.

|            |   |     |
|------------|---|-----|
| FL 17 @ 5' | - | 408 |
| FL 18 @ 5' | - | 328 |
| FL 19 @ 5' | - | 396 |
| FL 20 @ 3' | - | 408 |
| FL 21 @ 3' | - | 452 |
| FL 22 @ 3' | - | 452 |
| FL 23 @ 3' | - | 408 |
| WW 3       | - | 548 |

|            |           |   |         |        |        |       |       |       |       |       |      |
|------------|-----------|---|---------|--------|--------|-------|-------|-------|-------|-------|------|
| FL 17 @ 5' | 1/24/2024 | 5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| FL 18 @ 5' | 1/24/2024 | 5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160  |
| FL 19 @ 5' | 1/24/2024 | 5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| FL 21 @ 3' | 1/25/2024 | 3 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| FL 22 @ 3' | 1/25/2024 | 3 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| FL 23 @ 3' | 1/25/2024 | 3 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |

|     |           |     |         |        |        |       |       |       |       |       |      |
|-----|-----------|-----|---------|--------|--------|-------|-------|-------|-------|-------|------|
| WW3 | 1/25/2024 | 0-5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
|-----|-----------|-----|---------|--------|--------|-------|-------|-------|-------|-------|------|

| Sample     | Cl- (Field) | Cl- (Lab) |
|------------|-------------|-----------|
| FL 17 @ 5' | 408         | 48.0      |
| FL 18 @ 5' | 328         | 160       |
| FL 19 @ 5' | 396         | 16.0      |
| FL 20 @ 3' | 408         | N/A (~48) |
| FL 21 @ 3' | 452         | 48.0      |
| FL 22 @ 3' | 452         | 16.0      |
| FL 23 @ 3' | 408         | 48.0      |
| WW3        | 548         | 32.0      |

Based on the information presented above, Etech, on behalf of Mewbourne Oil Company, respectfully requests approval to cease further remediation activities at the site and asks that the NMOCD reconsider its denial of the closure request.

Thank you for your time and consideration.

Respectfully,  
Ben J. Arguijo

**Ben J. Arguijo**  
Project Manager

  
6309 Indiana Ave., Ste. D  
Lubbock, TX 79413  
(432) 813-1592

**From:** Ben Argujo  
**To:** Wells, Shelly\_EMNRD  
**Cc:** Conner Walker (cwalker@mewbourne.com); Lance Crenshaw; Jeff Broom; Cesar Rosendo  
**Subject:** Re: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 528515  
**Date:** Wednesday, January 14, 2026 12:35:49 PM  
**Attachments:** image001.png  
image002.png  
image003.png  
image004.png  
image005.png  
image006.png  
image007.png

---

OK. Great. We will get an amended report submitted ASAP.

Thank you.

Ben

---

**From:** Wells, Shelly\_EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Wednesday, January 14, 2026 12:34 PM  
**To:** Ben Argujo <bena@etechenv.com>  
**Cc:** Conner Walker (cwalker@mewbourne.com) <cwalker@mewbourne.com>; Lance Crenshaw <lance@etechenv.com>; Jeff Broom <jbroom@mewbourne.com>; Cesar Rosendo <crosendo@mewbourne.com>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 528515

Ben,

Closure will be approved with the additional information you have now submitted.

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

---

**From:** Ben Argujo <bena@etechenv.com>  
**Sent:** Wednesday, January 14, 2026 11:26 AM  
**To:** Wells, Shelly\_EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Cc:** Conner Walker (cwalker@mewbourne.com) <cwalker@mewbourne.com>; Lance Crenshaw <lance@etechenv.com>; Jeff Broom <jbroom@mewbourne.com>; Cesar Rosendo <crosendo@mewbourne.com>  
**Subject:** Re: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 528515

Shelly,

Can you tell me whether or not an amended closure report with the additional information will be approved? If it will not, Ettech, on behalf of Mewbourne, respectfully requests a list of any additional remedial activities that will be required, as well as a short extension of the due date to allow time to complete them.

Thank you.

Respectfully,  
Ben J. Argujo

---

**From:** Wells, Shelly\_EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Wednesday, January 14, 2026 12:09 PM

**To:** Ben Arguijo <bena@etechenv.com>  
**Cc:** Conner Walker ([cwalker@mewbourne.com](mailto:cwalker@mewbourne.com)) <[cwalker@mewbourne.com](mailto:cwalker@mewbourne.com)>; Lance Crenshaw <[lance@etechenv.com](mailto:lance@etechenv.com)>; Jeff Broom <[jbroom@mewbourne.com](mailto:jbroom@mewbourne.com)>; Cesar Rosendo <[crosendo@mewbourne.com](mailto:crosendo@mewbourne.com)>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 528515

Hi Ben,

All of the additional information you have provided to me below should be attached to an all inclusive remediation closure report and be resubmitted to the OCD Permitting website.

Kind regards,

Shelly

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

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 544773

**QUESTIONS**

|   |   |
|---|---|
| Operator:<br><br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br>14744   |
|   | Action Number:<br>544773  |
|   | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |   |

**QUESTIONS**

| <b>Prerequisites</b> |  |
|----------------------|--|
| Incident ID (n#)     | nAPP2401652735                                       |
| Incident Name        | NAPP2401652735 PWMS MAGNUM ROAD RISER @ P-25-20S-28E |
| Incident Type        | Produced Water Release                               |
| Incident Status      | Remediation Closure Report Received                  |

**Location of Release Source**

*Please answer all the questions in this group.*

|                         |                        |
|-------------------------|------------------------|
| Site Name               | PWMS MAGNUM ROAD RISER |
| Date Release Discovered | 01/07/2024             |
| 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  | <i>Not answered.</i>   |
| Produced Water Released (bbls) Details   | <i>Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 144 BBL   Recovered: 130 BBL   Lost: 14 BBL.</i> |
| Is the concentration of chloride in the produced water >10,000 mg/l  | <i>Yes</i>   |
| Condensate Released (bbls) Details   | <i>Not answered.</i>   |
| Natural Gas Vented (Mcf) Details   | <i>Not answered.</i>   |
| Natural Gas Flared (Mcf) Details   | <i>Not answered.</i>   |
| Other Released Details   | <i>Not answered.</i>   |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | <i>n/a</i>   |

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

QUESTIONS, Page 2

Action 544773

**QUESTIONS (continued)**

|   |   |
|---|---|
| Operator:<br><br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br><br>14744   |
|   | Action Number:<br><br>544773  |
|   | Action Type:<br><br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |   |

**QUESTIONS**

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

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

|   |                      |
|---|----------------------|
| <b>Initial Response</b>   |                      |
| <i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i> |                      |
| 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  | <i>Not answered.</i> |

*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: Jeff Broom<br>Title: Environmental Rep<br>Email: <a href="mailto:jbroom@mewbourne.com">jbroom@mewbourne.com</a><br>Date: 01/20/2026 |
|--|---|

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QUESTIONS, Page 3

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

Action 544773

**QUESTIONS (continued)**

|   |   |
|---|---|
| Operator:<br><br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br><br>14744   |
|   | Action Number:<br><br>544773  |
|   | Action Type:<br><br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |   |

**QUESTIONS**

| <b>Site Characterization</b>   |                                |
|--|--------------------------------|
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> |                                |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)   | Between 26 and 50 (ft.)        |
| What method was used to determine the depth to ground water  | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water   | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>   |                                |
| A continuously flowing watercourse or any other significant watercourse  | Between 1000 (ft.) and ½ (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)  | Between 1 and 5 (mi.)          |
| An occupied permanent residence, school, hospital, institution, or church  | Greater than 5 (mi.)           |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes  | Between ½ and 1 (mi.)          |
| Any other fresh water well or spring   | Between ½ and 1 (mi.)          |
| Incorporated municipal boundaries or a defined municipal fresh water well field  | Between 1 and 5 (mi.)          |
| A wetland  | Between 1000 (ft.) and ½ (mi.) |
| A subsurface mine  | Between 1 and 5 (mi.)          |
| An (non-karst) unstable area   | Between 1000 (ft.) and ½ (mi.) |
| Categorize the risk of this well / site being in a karst geology   | High                           |
| A 100-year floodplain  | Between 1 and 5 (mi.)          |
| Did the release impact areas not on an exploration, development, production, or storage site   | Yes                            |

| <b>Remediation Plan</b>   |            |
|---|------------|
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>  |            |
| Requesting a remediation plan approval with this submission   | Yes        |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>  |            |
| Have the lateral and vertical extents of contamination been fully delineated  | Yes        |
| Was this release entirely contained within a lined containment area   | No         |
| <b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)   |            |
| Chloride (EPA 300.0 or SM4500 Cl B)   | 320        |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)   | 0          |
| GRO+DRO (EPA SW-846 Method 8015M)   | 0          |
| 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  | 01/19/2024 |
| On what date will (or did) the final sampling or liner inspection occur   | 01/29/2024 |
| On what date will (or was) the remediation complete(d)  | 02/02/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed  | 12270      |
| What is the estimated volume (in cubic yards) that will be reclaimed  | 1587       |
| What is the estimated surface area (in square feet) that will be remediated   | 12270      |
| What is the estimated volume (in cubic yards) that will be remediated   | 1940       |
| <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 544773

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

**QUESTIONS (continued)**

|   |   |
|---|---|
| Operator:<br><br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br><br>14744   |
|   | Action Number:<br><br>544773  |
|   | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

**Remediation Plan (continued)**

*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.*

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

*(Select all answers below that apply.)*

|   |  |
|---|--|
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.) | Yes  |
| Which OCD approved facility will be used for <b>off-site</b> disposal                 | fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL |
| OR which OCD approved well (API) will be used for <b>off-site</b> disposal            | <i>Not answered.</i>                         |
| OR is the <b>off-site</b> disposal site, to be used, out-of-state                     | <i>Not answered.</i>                         |
| OR is the <b>off-site</b> disposal site, to be used, an NMED facility                 | <i>Not answered.</i>                         |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)         | No   |
| (In Situ) Soil Vapor Extraction   | No   |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)     | No   |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                    | No   |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)              | No   |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                      | No   |
| OTHER (Non-listed remedial process)   | No   |

*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 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: Jeff Broom<br>Title: Environmental Rep<br>Email: <a href="mailto:jbroom@mewbourne.com">jbroom@mewbourne.com</a><br>Date: 01/20/2026 |
|--|---|

*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.*

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QUESTIONS, Page 5

Action 544773

**QUESTIONS (continued)**

|   |   |
|---|---|
| Operator:<br><br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br><br>14744   |
|   | Action Number:<br><br>544773  |
|   | Action Type:<br>[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 544773

**QUESTIONS (continued)**

|   |   |
|---|---|
| Operator:<br><br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br><br>14744   |
|   | Action Number:<br><br>544773  |
|   | Action Type:<br><br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |   |

**QUESTIONS**

| Sampling Event Information  |            |
|---|------------|
| Last sampling notification (C-141N) recorded  | 305427     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 01/23/2024 |
| What was the (estimated) number of samples that were to be gathered                             | 75         |
| What was the sampling surface area in square feet   | 9500       |

| Remediation Closure Request  |       |
|--|-------|
| <i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>  |       |
| 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  | 12270 |
| What was the total volume (cubic yards) remediated   | 1940  |
| 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   | 12270 |
| What was the total volume (in cubic yards) reclaimed   | 1587  |
| Summarize any additional remediation activities not included by answers (above)  | n/a   |

*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: Jeff Broom<br>Title: Environmental Rep<br>Email: <a href="mailto:jbroom@mewbourne.com">jbroom@mewbourne.com</a><br>Date: 01/20/2026 |
|--|---|

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Action 544773

**QUESTIONS (continued)**

|   |   |
|---|---|
| Operator:<br><br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br><br>14744   |
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**QUESTIONS**

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

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CONDITIONS

Action 544773

**CONDITIONS**

|   |   |
|---|---|
| Operator:<br><br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br>14744   |
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**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| scwells    | None      | 1/30/2026      |