

| | |
|----------------|---------------|
| Incident ID | nAB1909834775 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>26</u> (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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

State of New Mexico
Oil Conservation Division

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| | |
|----------------|---------------|
| Incident ID | nAB1909834775 |
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Dale Woodall Title: Environment Professional
Signature: *Dale Woodall* Date: 10/5/2022
email: Dale.Woodall@dvn.com Telephone: (575) 748-1838

OCD Only

Received by: Jocelyn Harimon Date: 10/05/2022

| | |
|----------------|---------------|
| Incident ID | nAB1909834775 |
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| Application ID | |

Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environment Professional
Signature: Dale Woodall Date: 10/5/2022
email: Dale.Woodall@dvn.com Telephone: (575) 748-1838

OCD Only

Received by: Jocelyn Harimon Date: 10/05/2022

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

Closure Approved by: Jennifer Nobui Date: 10/24/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A


Remediation Summary & Soil Closure Request

Devon Energy Production Company, LP Ore Ida 14 Federal 2

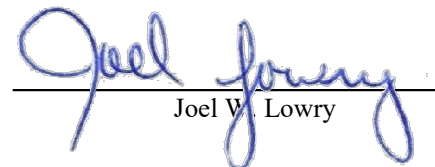
Eddy County, New Mexico
Unit Letter "E", Section 14, Township 24 South, Range 29 East
Latitude 32.2194252 North, Longitude 103.9627075 West
NMOCD Reference No. nAB1909834775

Prepared By:

Etech Environmental & Safety Solutions, Inc.
2507 79th Street, Unit A
Lubbock, Texas 79423



Ben J. Arguijo



Joel W. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon Energy), has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Ore Ida 14 Federal 2. Details of the release are summarized below:

Location of Release Source

Latitude: 32.2194252 Longitude: -103.9627075
Provided GPS are in WGS84 format.

| | | | |
|--------------------------|----------------------|------------------------|--------------|
| Site Name: | Ore Ida 14 Federal 2 | Site Type: | Well Head |
| Date Release Discovered: | 9/23/2018 | API # (if applicable): | 30-015-28930 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| "E" | 14 | 24S | 29E | 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) 7.9 | Volume Recovered (bbls) 2 |
| | Is the concentration of total dissolved solids (TDS) 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 & Additional Background Information:

A lease operator pulled onto the location and discovered a leak under the pumping unit. Repairs were made. Approximately 7.9 bbls of produced water was released, with 2 bbls being recovered via vacuum truck. The total area of impact was estimated to be 4,423 square feet. According to documentation in the New Mexico Oil Conservation Division's (NMOCD) Imaging System, the well was plugged and abandoned in May 2019, and the location was subsequently reclaimed.

Initial Response

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

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

Searches of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the 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 release site.

Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on May 2, 2022, an investigative soil boring/temporary monitor well (TMW-1) was drilled nearby at the Ore Ida Federal 14 #001 well/tank battery facility in an effort to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 55 feet below ground surface (bgs) and left open for 72 hours. A groundwater gauging event conducted on May 5, 2022, indicated the depth to groundwater was approximately 26 feet bgs. The location of the investigative soil boring/temporary monitor well is depicted in Figure 2. A drilling log is provided in Appendix B.

| | | |
|---|---|--|
| What is the shallowest depth to groundwater beneath the area affected by the release? | 26' | |
| Did the release impact groundwater or surface water? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production or storage site? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

On May 5, 2022, a groundwater sample was collected from temporary monitor well TMW-1 in an effort to determine the background concentrations of chloride and total dissolved solids (TDS) in the vicinity of the release site. The groundwater sample was submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis. Laboratory analytical results indicated the chloride concentration was 19,700 mg/L, and the TDS concentration was 37,800 mg/L. Since the background concentration of TDS in the area exceeds the standard of 10,000 mg/L specified in Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC), the Closure Criteria listed therein are not applicable to the Ore Ida 14 Federal 2 release, and the site is only subject to the restoration, reclamation, and revegetation requirements in Section 19.15.29.13 NMAC.

Based on the information summarized above, the NMOCD Reclamation Standards for the Ore Ida 14 Federal 2 release site are as follows:

| Constituent | Laboratory Analytical Method | Reclamation Standard*† |
|--|-----------------------------------|------------------------|
| Chloride | EPA 300.0 or SM4500 Cl B | 600 |
| Total Petroleum Hydrocarbons (TPH) | EPA SW-846 Method 8015M Ext | 100 |
| Diesel Range Organics + Gas Range Organics (DRO + GRO) | EPA SW-846 Method 8015M | - |
| Benzene | EPA SW-846 Methods 8021b or 8260b | 10 |
| Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA SW-846 Methods 8021b or 8260b | 50 |

* Measured in milligrams per kilogram (mg/kg)

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

4.0 REGULATORY SUBMITTALS & STIPULATIONS

On March 17, 2020, an initial assessment of the Ore Ida 14 Federal 2 release was conducted by a third-party environmental contractor that is no longer affiliated with the site.

On May 1, 2020, based on field observations and laboratory analytical data from soil samples collected during the initial site assessment, a *Delineation Report and Work Plan* was submitted to the NMOCD proposing a plan to advance the site toward regulatory closure and requesting a variance for the installation of a liner at four (4) feet bgs on the floor of the proposed excavation. The work plan and variance request were subsequently denied by the NMOCD on the basis that additional horizontal and vertical delineation of the release was required, along with composite (versus discrete) confirmation sampling of the excavated area.

Please reference the *Delineation Report and Work Plan* for additional details regarding the initial site assessment, proposed remediation activities, and variance request.

5.0 SITE ASSESSMENT

In December 2021, Devon Energy contracted Etech to assume remediation activities for the release and to devise a strategy to advance the site toward regulatory closure.

On December 28, 2021, Etech conducted a site visit to assess the current state of the release site. During the site assessment, two (2) hand-augered soil bores (V1 and V2) were advanced within the inferred margins of the affected area in an effort to determine the vertical extent of impacted soil. In addition, four (4) hand-augered soil bores (NH, EH, SH, and WH) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, a total of 12 delineation soil samples (NH @ Surface, NH @ 1', EH @ Surface, EH @ 1', SH @ Surface, SH @ 1', WH @ Surface, WH @ 1', V1 @ Surface, V1 @ 4', V2 @ Surface, and V2 @ 1') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Reclamation Standard in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory method detection limit (MDL). Chloride concentrations ranged from less than the laboratory MDL in soil samples NH @ Surface, NH @ 1', EH @ Surface, EH @ 1', and WH @ Surface to 2,560 mg/kg in soil sample V1 @ 4'. Based on these laboratory analytical results, the horizontal and vertical extent of impacted soil was adequately defined.

The inferred extent of the affected area and the locations of the hand-augered soil bores are depicted in Figure 3A, "Site & Sample Location Map (Delineation)".

6.0 REMEDIATION ACTIVITIES SUMMARY

On June 1, 2022, remediation activities commenced at the release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-approved surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Reclamation Standard. Representative five-point composite confirmation soil samples were collected every 50 linear feet from the excavation sidewalls and every 200 square feet from the floor of the excavated area to be submitted for laboratory analysis.

On June 6, 2022, Etech collected 17 confirmation soil samples (NW1, EW1, SW1, WW1, and FL 1 @ 4.5' through FL 13 @ 4.5') 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 BTEX, TPH, and chloride concentrations were below the applicable NMOCD Reclamation Standard in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 144 mg/kg in soil samples SW1 and WW1 to 848 mg/kg in soil sample FL 8 @ 4.5'.

The final dimensions of the excavated area were approximately 70 feet in length, 64 feet in width, and 4.5 feet in depth. During the course of remediation activities, Etech transported approximately 780 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 740 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Confirmation sample locations and the extent of the excavated area are depicted in Figure 3B, "Site & Sample Location Map (Excavation)". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. Laboratory analytical reports are provided in Appendix C. General photographs of the release site are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected area was contoured and compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency- and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

8.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with applicable NMOCD regulations. Due to the presence of groundwater with a background concentration of TDS over 10,000 mg/L, the Closure Criteria specified in Table I, Section 19.15.29.12 NMAC are not applicable to the Ore Ida 14 Federal 2 release. Impacted soil affected above NMOCD Reclamation Standards in the uppermost four (4) feet of soil in the inferred affected area was excavated and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Devon Energy provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Ore Ida 14 Federal 2 release site.

9.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *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 Devon Energy Production Company, LP. Use of the information contained in this report is prohibited without the consent of Etech and/or Devon Energy Production Company, LP.

10.0 DISTRIBUTION

Devon Energy Production Company, LP

*6488 Seven Rivers Highway
Artesia, NM 88210*

New Mexico Energy, Minerals and Natural Resources Department

*Oil Conservation Division, District 2
811 S. First Street
Artesia, NM 88210*

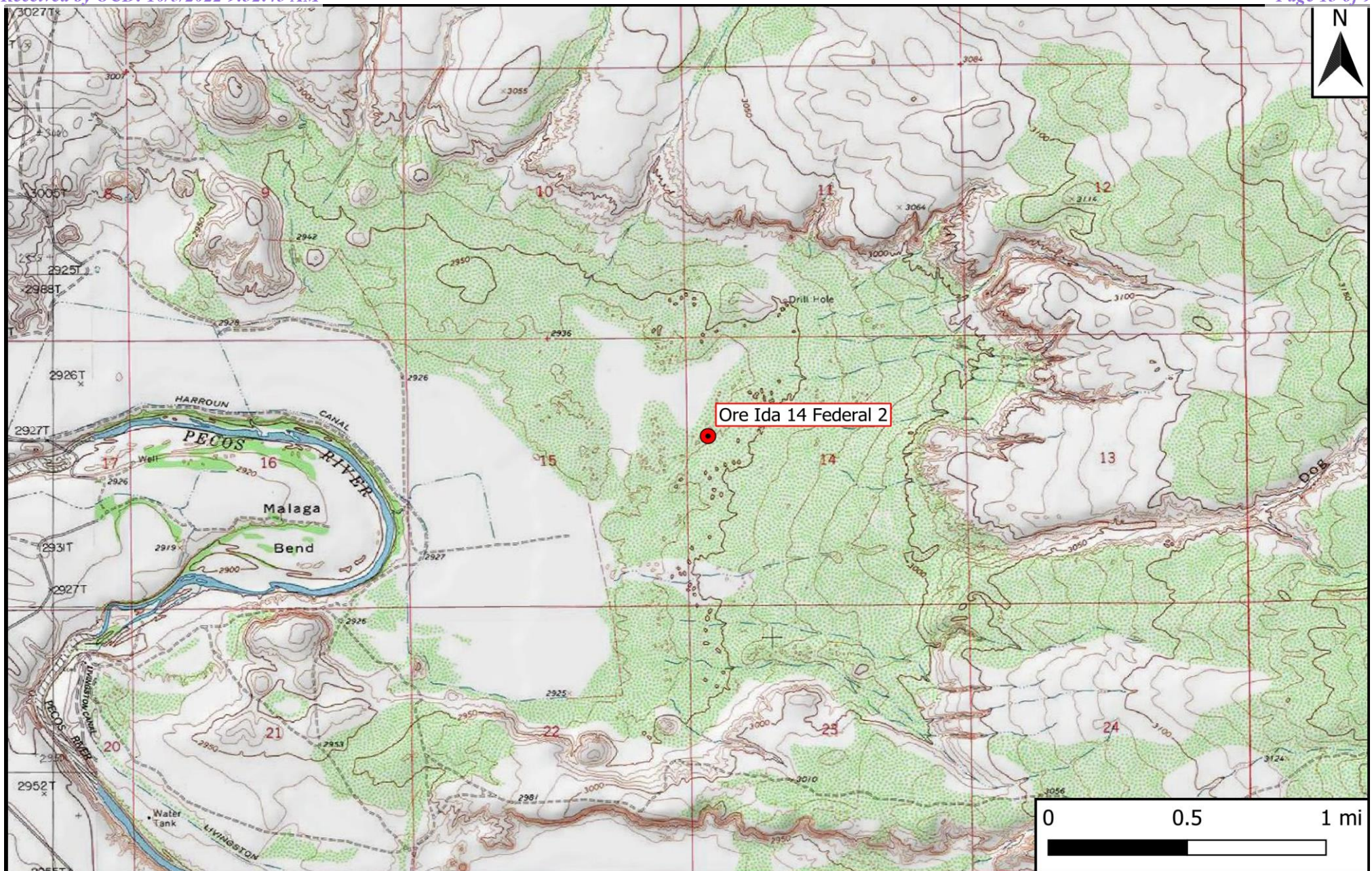
United States Department of the Interior

*Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220*

(Electronic Submission)

Figure 1

Topographic Map



Legend

- Site Location

Figure 1

Topographic Map
 Devon Energy Production Company, LP
 Ore Ida 14 Federal 2
 GPS: 32.2194252, -103.9627075
 Eddy County

ETECH
 Environmental & Safety Solutions, Inc.

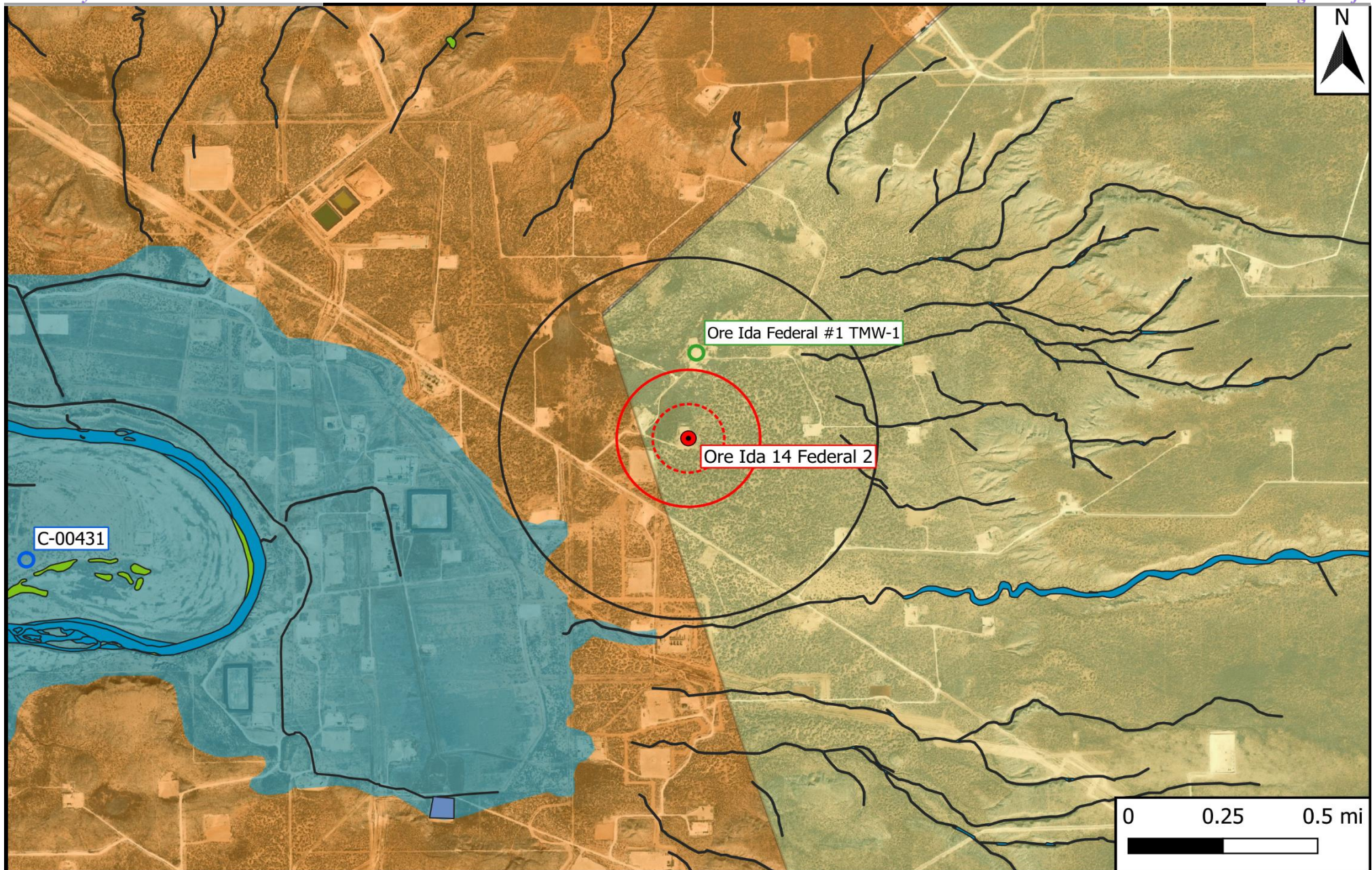
Drafted: bja

Checked: jwl

Date: 6/16/22

Figure 2

Site Characterization Map



Legend

- | | | |
|------------------------------|---------------------------------|-------------------|
| ● Site Location | 1% Annual Flood Chance | --- 500-Ft Radius |
| ○ Well - NMOSE | Emergent/Forested Wetlands | — 1,000-Ft Radius |
| ○ Well - USGS | Freshwater Pond/Lake | — 0.5-Mi Radius |
| ○ Well - Exploratory/Monitor | Karst Potential (Low/Med./High) | |
| — Potash Mine Workings | Riverine | |

Figure 2
 Site Characterization Map
 Devon Energy Production Company, LP
 Ore Ida 14 Federal 2
 GPS: 32.2194252, -103.96270750
 Eddy County



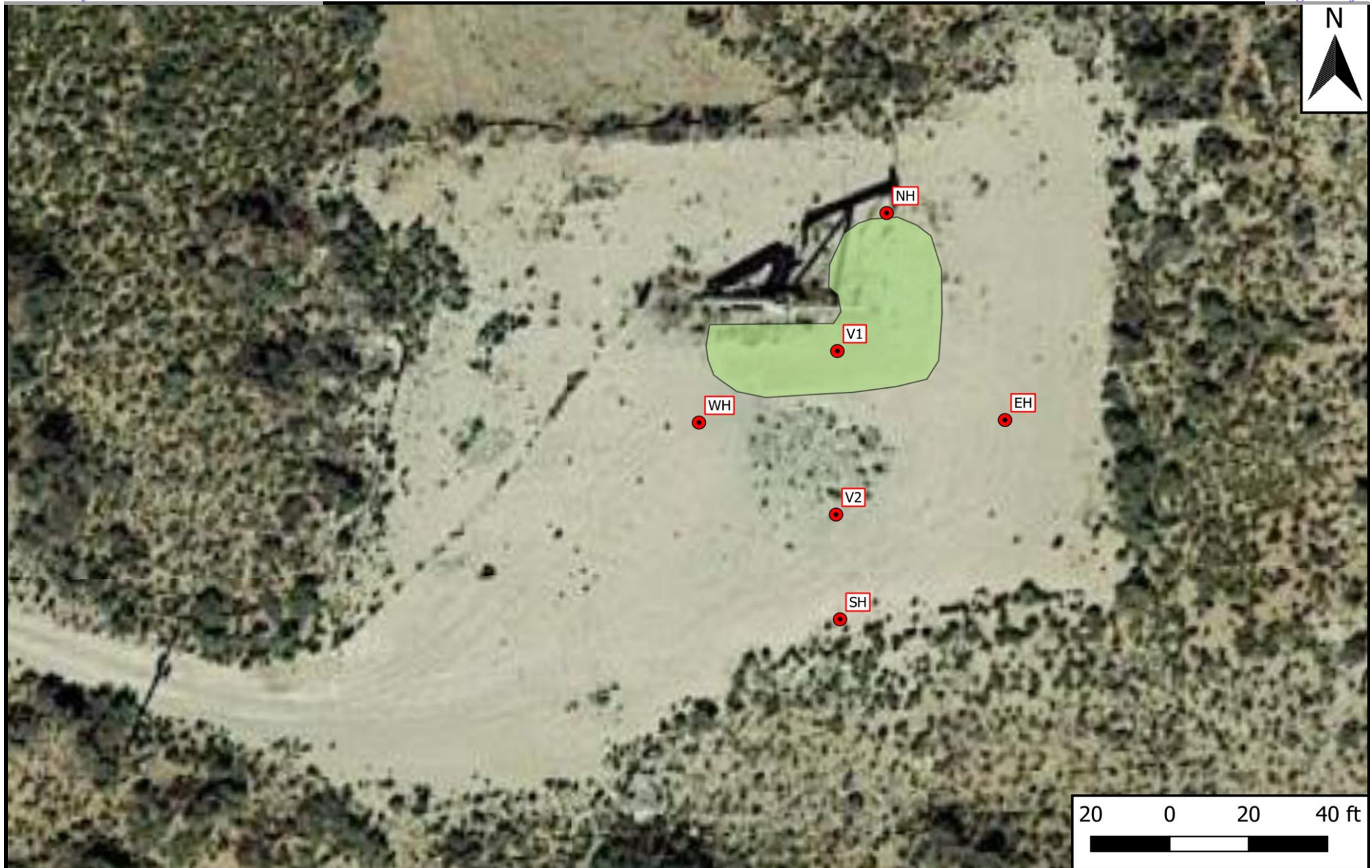
Drafted: bja

Checked: jwl

Date: 7/19/22

Figures 3A & 3B

Site & Sample Location Maps

**Legend**

- Inferred Affected Area
- Delineation Sample Location

Figure 3A

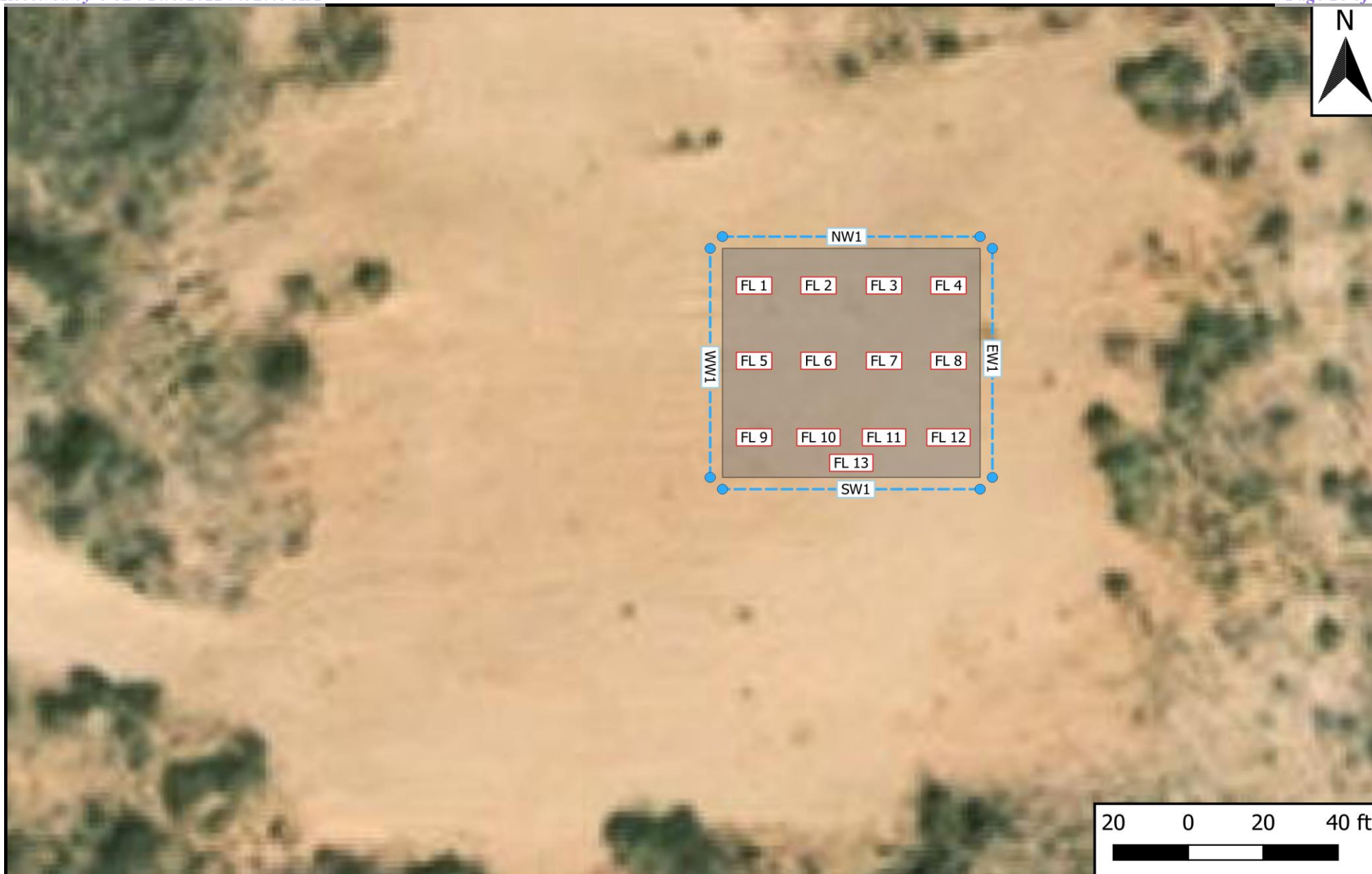
Site & Sample Location Map (Delineation)
Devon Energy Production Company, LP
Ore Ida 14 Federal 2
GPS: 32.2194252, -103.9627075
Eddy County



Drafted: bja

Checked: jwl

Date: 7/21/22



Legend

- Excavation Extent
- Composite Floor Sample
- Composite Wall Sample

Figure 3B

Site & Sample Location Map (Excavation)
 Devon Energy Production Company, LP
 Ore Ida 14 Federal 2
 GPS: 32.2194252, -103.9627075
 Eddy County



Drafted: bja

Checked: jwl

Date: 7/21/22

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

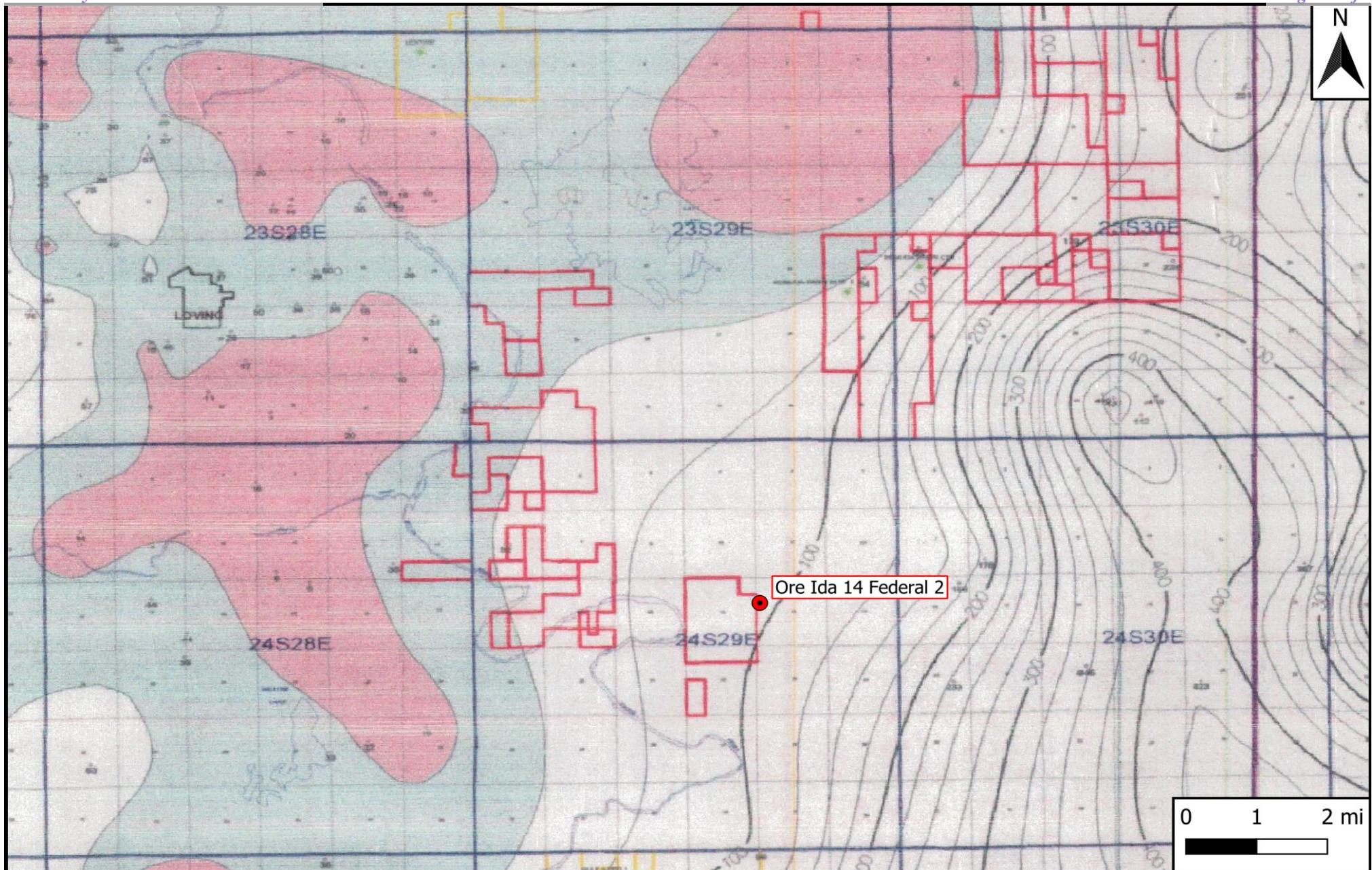
| Table 1 Concentrations of BTEX, TPH & Chloride in Soil Devon Energy Production Company, LP Ore Ida 14 Federal 2 NMOCD Ref. #: nAB1909834775 | | | | | | | | | | | |
|---|------------|--------------|-------------|-----------------|--------------|---|--|---|--|---|------------------|
| NMOCD Reclamation 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 Cl |
| | | | | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C ₆ -C ₃₆ (mg/kg) | Chloride (mg/kg) |
| Delineation Samples | | | | | | | | | | | |
| NH @ Surface | 12/28/2021 | 0 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| NH @ 1' | 12/28/2021 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| EH @ Surface | 12/28/2021 | 0 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| EH @ 1' | 12/28/2021 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| SH @ Surface | 12/28/2021 | 0 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| SH @ 1' | 12/28/2021 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| WH @ Surface | 12/28/2021 | 0 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| WH @ 1' | 12/28/2021 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| V1 @ Surface | 12/28/2021 | 0 | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 784 |
| V1 @ 4' | 12/28/2021 | 4 | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,560 |
| V2 @ Surface | 12/28/2021 | 0 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| V2 @ 1' | 12/28/2021 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| Excavation Samples | | | | | | | | | | | |
| NW1 | 6/6/2022 | 0-4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| EW1 | 6/6/2022 | 0-4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| SW1 | 6/6/2022 | 0-4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| WW1 | 6/6/2022 | 0-4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FL 1 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 720 |
| FL 2 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| FL 3 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| FL 4 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 384 |
| FL 5 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FL 6 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 320 |
| FL 7 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 272 |
| FL 8 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 848 |
| FL 9 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 800 |
| FL 10 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 656 |
| FL 11 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FL 12 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 544 |
| FL 13 @ 4.5' | 6/6/2022 | 4.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 704 |

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

Red: NMOCD Reclamation Standard exceedance.

Appendix A

Depth to Groundwater Information



Legend

● Site Location

Figure 4

Inferred Depth to Groundwater Trend Map
 Devon Energy Production Company, LP
 Ore Ida 14 Federal 2
 GPS: 32.2194252, -103.9627075
 Eddy County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 6/16/22



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 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column |
|------------------------------|------|---------------|--------|------|------|-----|-----|-----|-----|--------|---------|----------|-----------|------------|--------------|
| C_04481 POD8 | | CUB | ED | 1 | 3 | 4 | 03 | 24S | 29E | 596852 | 3567655 | 2585 | 125 | | |
| C_04617 POD1 | | CUB | ED | 3 | 1 | 3 | 22 | 24S | 29E | 596241 | 3563113 | 2596 | 110 | | |
| C_04481 POD7 | | CUB | ED | 2 | 4 | 3 | 03 | 14S | 29E | 596800 | 3567655 | 2603 | 110 | | |
| C_04481 POD6 | | CUB | ED | 2 | 4 | 3 | 03 | 24S | 29E | 596748 | 3567654 | 2622 | 120 | | |
| C_04481 POD4 | | CUB | ED | 2 | 4 | 3 | 03 | 24S | 29E | 596747 | 3567685 | 2651 | 150 | | |
| C_04481 POD2 | | CUB | ED | 1 | 3 | 4 | 03 | 24S | 29E | 596852 | 3567748 | 2672 | 120 | | |
| C_04481 POD5 | | CUB | ED | 2 | 4 | 3 | 03 | 24S | 29E | 596747 | 3567747 | 2708 | 120 | | |
| C_04481 POD1 | | CUB | ED | 1 | 3 | 4 | 03 | 24S | 29E | 596799 | 3567778 | 2719 | 135 | | |
| C_04481 POD3 | | CUB | ED | 2 | 4 | 3 | 03 | 24S | 29E | 596799 | 3567778 | 2719 | 120 | | |

Average Depth to Water:

--

Minimum Depth:

--

Maximum Depth:

--

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 597746

Northing (Y): 3565229.52

Radius: 3218.7

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7/21/22 5:22 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



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 |
| NA | C 04481 POD6 | 2 | 4 | 3 | 03 | 24S | 29E | 596748 | 3567654  |
| <hr/> | | | | | | | | | |
| Driller License: 1755 | | Driller Company: HUNGRY HORSE, LLC. | | | | | | | |
| Driller Name: JOHN D NORRIS | | | | | | | | | |
| Drill Start Date: 09/30/2020 | | Drill Finish Date: 09/30/2020 | | | | Plug Date: 09/30/2020 | | | |
| Log File Date: 10/07/2020 | | PCW Rev Date: | | | | Source: | | | |
| Pump Type: | | Pipe Discharge Size: | | | | Estimated Yield: | | | |
| Casing Size: | | Depth Well: 120 feet | | | | Depth Water: | | | |

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12/14/21 12:10 PM

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 |
| NA | C 04617 POD1 | 3 | 1 | 3 | 22 | 24S | 29E | 596241 | 3563113  |
| Driller License: 1184 | | Driller Company: WEST TEXAS WATER WELL SERVICE | | | | | | | |
| Driller Name: RUSSELL SOUTHERLAND | | | | | | | | | |
| Drill Start Date: 05/31/2022 | | Drill Finish Date: 05/31/2022 | | Plug Date: | | | | | |
| Log File Date: 06/28/2022 | | PCW Rev Date: | | Source: | | | | | |
| Pump Type: | | Pipe Discharge Size: | | Estimated Yield: | | | | | |
| Casing Size: | | Depth Well: 110 feet | | Depth Water: | | | | | |

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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) | | | | | | (NAD83 UTM in meters) | |
|-------------------------------------|--------------|--|-----|----|-----|------------------------------|-----|-----------------------|---|
| | | (quarters are smallest to largest) | | | | | | X | Y |
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | | |
| NA | C 04481 POD7 | 2 | 4 | 3 | 03 | 14S | 29E | 596800 | 3567655  |
| <hr/> | | | | | | | | | |
| Driller License: 1755 | | Driller Company: HUNGRY HORSE, LLC. | | | | | | | |
| Driller Name: JOHN D NORRIS | | | | | | | | | |
| Drill Start Date: 10/01/2020 | | Drill Finish Date: 10/01/2020 | | | | Plug Date: 10/01/2020 | | | |
| Log File Date: 10/07/2020 | | PCW Rev Date: | | | | Source: | | | |
| Pump Type: | | Pipe Discharge Size: | | | | Estimated Yield: | | | |
| Casing Size: | | Depth Well: 110 feet | | | | Depth Water: | | | |

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



New Mexico Office of the State Engineer

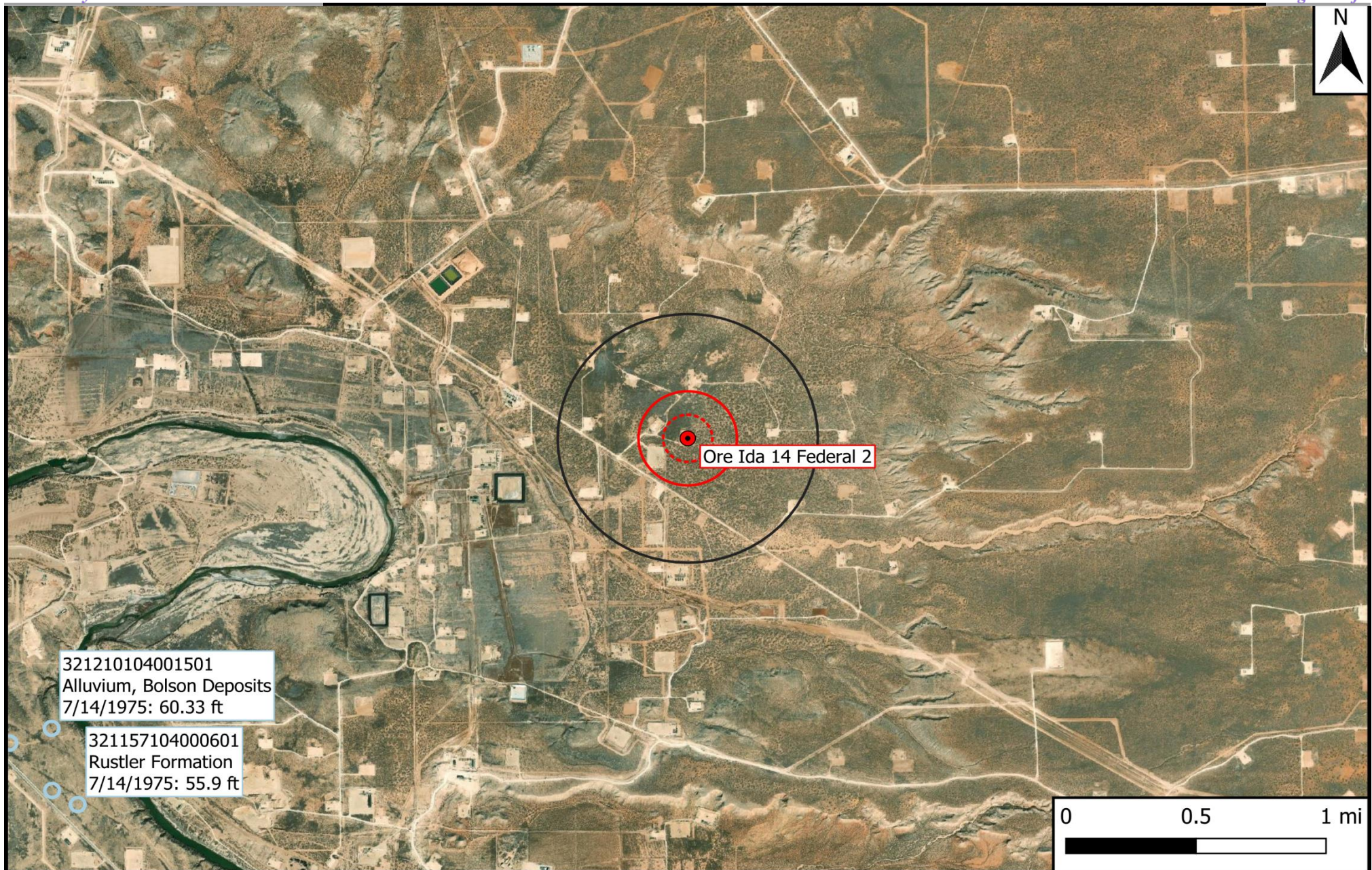
Point of Diversion Summary

| | | (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 |
| NA | C 04481 POD8 | 1 | 3 | 4 | 03 | 24S | 29E | 596852 | 3567655  |
| <hr/> | | | | | | | | | |
| Driller License: 1755 | | Driller Company: HUNGRY HORSE, LLC. | | | | | | | |
| Driller Name: JOHN D NORRIS | | | | | | | | | |
| Drill Start Date: 09/24/2020 | | Drill Finish Date: 09/24/2020 | | | | Plug Date: 09/24/2020 | | | |
| Log File Date: 10/07/2020 | | PCW Rcv Date: | | | | Source: | | | |
| Pump Type: | | Pipe Discharge Size: | | | | Estimated Yield: 0 GPM | | | |
| Casing Size: | | Depth Well: 125 feet | | | | Depth Water: | | | |

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.

12/14/21 12:10 PM

POINT OF DIVERSION SUMMARY



Legend

- Site Location
- Well - USGS
- ⋯ 500-Ft Radius
- ▭ 1,000-Ft Radius
- ▭ 0.5-Mi Radius

Figure 5

USGS Well Proximity Map
Devon Energy Production Company, LP
Ore Ida 14 Federal 2
GPS: 32.2194252, -103.9627075
Eddy County

eTECH
Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 6/16/22



National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater

Geographic Area: United States

GO

Click forNews Bulletins

Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321210104001501

Minimum number of levels = 1

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

USGS 321210104001501 24S.29E.20.412

Eddy County, New Mexico

Latitude 32°12'10", Longitude 104°00'15" NAD27

Land-surface elevation 2,949 feet above NGVD29

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

| |
|--------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| 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 |
|------------|------|--------------------------------|----------------|--------------------------------------|---|---------------------------|--------|-----------------------|------------------|-----------------------|-----------------------------|
| 1974-12-17 | | D | 72019 | 59.66 | | | 1 | O | USGS | S | A |
| 1975-07-14 | | D | 72019 | 60.33 | | | 1 | O | 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 |
| Method of measurement | O | Observed. |
| Measuring agency | USGS | U.S. Geological Survey |
| 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](#)

Page Last Modified: 2022-07-21 19:15:28 EDT

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Data Category:

Groundwater

Geographic Area:

United States

GO



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 =

- 321157104000601

Minimum number of levels = 1

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

USGS 321157104000601 24S.29E.20.432A

Eddy County, New Mexico

Latitude 32°11'54", Longitude 104°00'09" NAD27

Land-surface elevation 2,955 feet above NGVD29

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

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

Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

| 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 |
|------------|------|--------------------------------|----------------|--------------------------------------|---|---------------------------|--------|-----------------------|------------------|-----------------------|-----------------------------|
| 1975-07-14 | | D | 72019 | 55.90 | | | 1 | O | 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 |
| Method of measurement | O | Observed. |
| Measuring agency | USGS | U.S. Geological Survey |
| 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](#)

Page Last Modified: 2022-07-21 19:16:42 EDT

0.39 0.25 nadww01

Appendix B

Field Data & Soil Profile Logs

Sample Log

Date: 12-28-21

Project: Ore Ida 14 Federal #002

Project Number: 15350

Latitude: 32.21942

Longitude: -103.9627

| Well/Head | Sample ID | PID/Odor | Chloride Conc. | GPS |
|------------------------|-----------|--------------|-----------------|-----|
| NH eS _u f. | | — | 2116 372 228 | |
| NH e1' | | — | 760 760 296 | |
| EH eS _u f. | | — | 116 | |
| EH e1' | | — | 452 | |
| SH eS _u f. | | — | 296 | |
| SH e1' | | — | 260 | |
| WH eS _u f. | | — | 228 | |
| WH e1' | | — | 548 | |
| VE eS _u f. | | — | 1104 | |
| VE e1' | | — | 1468 | |
| V2 eS _u f. | | — | 296 | |
| V2 e1' | | — | 888 | |
| WH2 eS _u f. | | — | 140 | |
| WH2 e1' | | — | 168 | |
| EH2 eS _u f. | | — | 168 | |
| EH2 e1' | | — | 260 | |
| V2 e2' | | — | 760 | |
| V2 e3' | | — | 332 | |
| V2 e4' | | — | 3076 | |
| V1 e2' | | — | 3076 | |
| V1 e3' | | — | 4192 | |
| V1 e4' | | — | 2840 | |
| Flow Line | | | | |
| NH @S _u f. | | — | 172 | |
| NH e1' | | — | 128 | |
| EH @S _u f. | | — | 128 | |
| EH e1' | | — | 128 | |
| SH eS _u f. | | — | 200 | |
| SH e1' | | — | 324 | |
| WH eS _u f. | | — | 492 | |
| WH e1' | | — | 324 | |
| VE eS _u f. | | — | 148 | |
| VE e1' | | — | 260 | |
| V2 eS _u f. | | — | 172 | |
| V2 e1' | | — | 364 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Cardinal 1 NORth

F
W4
2 co's

Bill Dixon Werley Mathews 9113

Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|-------------|----------|---------------------------|-----|
| T.T.1 @ 1' | — | 5.0 900 | |
| T.T.1 @ 2' | — | 6.6 2484 | |
| T.T.1 @ 3' | — | 5.0 900 | |
| T.T.1 @ 4' | — | 4.0 592 | |
| T.T.2 @ 1' | — | 5.0 900 | |
| T.T.2 @ 2' | — | 7.2 2124 | |
| T.T.2 @ 3' | — | 7.4 2276 | |
| T.T.2 @ 4' | — | 8.0 2440 | |
| WW1 A | — | 5.6 1252 (3 Ft. Stebbach) | |
| WW1 B | — | 7.0 1868 " | |
| WW1 C | — | 5.8 1176 | |
| NW1 A | — | 5.6 1096 | |
| EW1 A | — | 6.0 1260 | |
| EW1 B | — | 5.4 1020 | |
| EW1 C | — | 5.4 1020 | |
| SW1 A | — | 5.8 1176 | |
| SW1 B | — | 6.0 1260 | |
| SW1 C | — | 8.4 1020 | |
| EW1 D | — | 5.4 1020 | |
| SW1 D | — | 7.8 2360 | |
| SW1 E | — | 4.0 588 | |
| WW1 E | — | 8.0 2552 | |
| WW1 F | — | 4.0 588 | |
| NW1 B | — | 3.0 356 | |
| EW1 E | — | 3.2 400 | |
| FL1 @ 4.5' | — | 8.0 | |
| FL2 @ 4.5' | — | 7.6 | |
| FL3 @ 4.5' | — | 6.4 | |
| FL4 @ 4.5' | — | 6.6 | |
| FL5 @ 4.5' | — | 5.8 | |
| FL6 @ 4.5' | — | 5.4 | |
| FL7 @ 4.5' | — | 6.0 | |
| FL8 @ 4.5' | — | 8.0 | |
| FL9 @ 4.5' | — | 7.8 | |
| FL10 @ 4.5' | — | 7.8 | |
| FL11 @ 4.5' | — | 7.0 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R











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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Soil Boring/Temporary Monitor Well TMW-1

| Client: Devon Energy Production Company, LP | | | Well/Borehole ID: TMW-1 | Drilling Company: Scarborough Drilling, Inc. | | | |
|--|---|---|---|---|-----------------|----------|--|
| Site: Ore Ida 14 Federal 2 | | | Coordinates (NAD 83): 32.222835,-103.962304 | Driller: L. Scarborough | | | |
| NMOCD Reference #: nAB1909834775 | | | Drilling Date: 5/2/2022 | Drilling Method: Air Rotary | | | |
| Location: Eddy Co., NM | | | Depth of Boring (ft): 55 | Logged By: B. Arguijo | | | |
| PLSS: U/L "E", Sec. 14, T24S, R29E | | | Depth to Groundwater (ft): 26.3 | Drafted By: B. Arguijo | | | |
| | | | Plugging Date: 6/2/2022 | Revision Date: 7/22/2022 | | | |
| Completion: N/A | | | Casing: 2" PVC | Screen: 0.020" Slotted | | | |
| Comments: Temporary monitor well drilled at the Ore Ida 14 Federal #001 well/tank battery facility. | | | | | | | |
| Depth (ft) | Groundwater | Lithology | Material Description | Petroleum Odor | Petroleum Stain | Moisture | Well Construction |
| 0 |  | | | N | N | N |  |
| | |  | Tan fine sand, caliche | | | | |
| | |  | Brown sand, caliche | | | | |
| 5 | |  | Orange fine sand | N | N | N | |
| 10 | |  | Green sugar sand | N | N | N | |
| 15 | |  | Brown sand w/ clay | N | N | N | |
| 20 | |  | Reddish brown sand, clay | N | N | N | |
| 25 | |  | Reddish-orange fine sand, clay, gravel | N | N | Y | |
| 30 | |  | Red sandy clay | N | N | Y | |
| 35 | | | | | N | N | |
| 40 | | | | N | N | Y | |
| 45 | | | | N | N | Y | |
| 50 | | | | N | N | Y | |
| 55 | | | | N | N | Y | |
| | | | Notes: • Lines between material types represent approximate boundaries. Actual transitions may be gradual. | | | | |

Disclaimer This bore log is intended for environmental not geotechnical purposes.

Appendix C

Laboratory Analytical Reports

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

December 30, 2021

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ORE IDA 14 FEDERAL #002 WELL HEAD

Enclosed are the results of analyses for samples received by the laboratory on 12/28/21 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|------------------|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---------------|---------------|--------|-----------------|-----------------|
| NH @ SURFACE | H213727-01 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| NH @ 1' | H213727-02 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| EH @ SURFACE | H213727-03 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| EH @ 1' | H213727-04 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| SH @ SURFACE | H213727-05 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| SH @ 1' | H213727-06 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| WH @ SURFACE | H213727-07 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| WH @ 1' | H213727-08 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| V 1 @ SURFACE | H213727-09 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| V 1 @ 4' | H213727-10 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| V 2 @ SURFACE | H213727-11 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |
| V 2 @ 1' | H213727-12 | Soil | 28-Dec-21 00:00 | 28-Dec-21 15:40 |

12/30/21 - Client revised the sample ID on -10. This is the revised report and will replace the one sent earlier 12/30/21.

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

NH @ SURFACE
H213727-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140 1122903 MS/ 29-Dec-21 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

Surrogate: 1-Chlorooctane 108 % 66.9-136 1122901 MS 29-Dec-21 8015B

Surrogate: 1-Chlorooctadecane 108 % 59.5-142 1122901 MS 29-Dec-21 8015B

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

NH @ 1'
H213727-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 94.0 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 109 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 112 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

EH @ SURFACE**H213727-03 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 92.9 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 111 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 111 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

EH @ 1'
H213727-04 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 93.8 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 109 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 109 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

SH @ SURFACE**H213727-05 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 93.7 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 106 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 105 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

SH @ 1'
H213727-06 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 94.9 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|--|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 110 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|----------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 108 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

WH @ SURFACE**H213727-07 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 95.2 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 108 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 107 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

WH @ 1'
H213727-08 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 144 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 93.9 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 111 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 112 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

V 1 @ SURFACE**H213727-09 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 784 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--------|--|----------|--|--|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | 94.2 % | | 69.9-140 | | | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|---------------------------------------|--------|--|----------|--|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|---------------------------|-------|--|----------|--|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | 107 % | | 66.9-136 | | | 1122901 | MS | 29-Dec-21 | 8015B | |
|---------------------------|-------|--|----------|--|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|-------|--|----------|--|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | 106 % | | 59.5-142 | | | 1122901 | MS | 29-Dec-21 | 8015B | |
|-------------------------------|-------|--|----------|--|--|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

V 1 @ 4'
H213727-10 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 2560 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 94.6 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|--|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 109 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|----------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 111 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

V 2 @ SURFACE**H213727-11 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140 1122903 MS/ 29-Dec-21 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

Surrogate: 1-Chlorooctane 105 % 66.9-136 1122901 MS 29-Dec-21 8015B

Surrogate: 1-Chlorooctadecane 108 % 59.5-142 1122901 MS 29-Dec-21 8015B

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

V 2 @ 1'
H213727-12 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 1122906 | AC | 29-Dec-21 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1122903 | MS/ | 29-Dec-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|--------|--|----------|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 94.0 % | | 69.9-140 | 1122903 | MS/ | 29-Dec-21 | 8021B | |
|--|--|--|--------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1122901 | MS | 29-Dec-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 117 % | | 66.9-136 | 1122901 | MS | 29-Dec-21 | 8015B | |
|----------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 117 % | | 59.5-142 | 1122901 | MS | 29-Dec-21 | 8015B | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

Inorganic Compounds - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------------|--------|--------------------|-------|--------------------------------|------------------|------|----------------|------|--------------|-------|
| Batch 1122906 - 1:4 DI Water | | | | | | | | | | |
| Blank (1122906-BLK1) | | | | Prepared & Analyzed: 29-Dec-21 | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (1122906-BS1) | | | | Prepared & Analyzed: 29-Dec-21 | | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
| LCS Dup (1122906-BSD1) | | | | Prepared & Analyzed: 29-Dec-21 | | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 0.00 | 20 | |

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Analytical Results For:

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

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 1122903 - Volatiles**Blank (1122903-BLK1)**

Prepared & Analyzed: 29-Dec-21

| | | | | | | | | | | |
|---------------------------------------|----|-------|-------|--------|--|------|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | ND | | mg/kg | 0.0500 | | 93.8 | 69.9-140 | | | |

LCS (1122903-BS1)

Prepared & Analyzed: 29-Dec-21

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|--|--|--|
| Benzene | 2.05 | 0.050 | mg/kg | 2.00 | | 103 | 85.1-114 | | | |
| Toluene | 1.95 | 0.050 | mg/kg | 2.00 | | 97.7 | 88.6-116 | | | |
| Ethylbenzene | 1.93 | 0.050 | mg/kg | 2.00 | | 96.5 | 84.4-115 | | | |
| m,p-Xylene | 3.98 | 0.100 | mg/kg | 4.00 | | 99.6 | 85.5-116 | | | |
| o-Xylene | 2.00 | 0.050 | mg/kg | 2.00 | | 100 | 85.2-111 | | | |
| Total Xylenes | 5.99 | 0.150 | mg/kg | 6.00 | | 99.8 | 86.2-113 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0463 | | mg/kg | 0.0500 | | 92.6 | 69.9-140 | | | |

LCS Dup (1122903-BSD1)

Prepared & Analyzed: 29-Dec-21

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|-------|------|--|
| Benzene | 2.09 | 0.050 | mg/kg | 2.00 | | 104 | 85.1-114 | 1.83 | 12.6 | |
| Toluene | 1.98 | 0.050 | mg/kg | 2.00 | | 98.9 | 88.6-116 | 1.23 | 13.3 | |
| Ethylbenzene | 1.95 | 0.050 | mg/kg | 2.00 | | 97.5 | 84.4-115 | 1.10 | 13.9 | |
| m,p-Xylene | 4.01 | 0.100 | mg/kg | 4.00 | | 100 | 85.5-116 | 0.621 | 13.6 | |
| o-Xylene | 2.03 | 0.050 | mg/kg | 2.00 | | 102 | 85.2-111 | 1.37 | 14.1 | |
| Total Xylenes | 6.04 | 0.150 | mg/kg | 6.00 | | 101 | 86.2-113 | 0.872 | 13.4 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0461 | | mg/kg | 0.0500 | | 92.2 | 69.9-140 | | | |

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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
2617 W MARLAND
HOBBS NM, 88240

Project: ORE IDA 14 FEDERAL #002 WELL
Project Number: 15350
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
30-Dec-21 15:44

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

Batch 1122901 - General Prep - Organics**Blank (1122901-BLK1)**

Prepared: 29-Dec-21 Analyzed: 30-Dec-21

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | |
| Surrogate: 1-Chlorooctane | 51.2 | | mg/kg | 50.0 | | 102 | 66.9-136 | | |
| Surrogate: 1-Chlorooctadecane | 54.2 | | mg/kg | 50.0 | | 108 | 59.5-142 | | |

LCS (1122901-BS1)

Prepared & Analyzed: 29-Dec-21

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|------|
| GRO C6-C10 | 215 | 10.0 | mg/kg | 200 | | 108 | 81.6-129 | | |
| DRO >C10-C28 | 254 | 10.0 | mg/kg | 200 | | 127 | 83-129 | | |
| Total TPH C6-C28 | 469 | 10.0 | mg/kg | 400 | | 117 | 84.5-127 | | |
| Surrogate: 1-Chlorooctane | 69.4 | | mg/kg | 50.0 | | 139 | 66.9-136 | | S-04 |
| Surrogate: 1-Chlorooctadecane | 67.8 | | mg/kg | 50.0 | | 136 | 59.5-142 | | |

LCS Dup (1122901-BS1)

Prepared & Analyzed: 29-Dec-21

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--------|------|
| GRO C6-C10 | 229 | 10.0 | mg/kg | 200 | | 114 | 81.6-129 | 6.16 | 21.4 |
| DRO >C10-C28 | 240 | 10.0 | mg/kg | 200 | | 120 | 83-129 | 5.66 | 17.9 |
| Total TPH C6-C28 | 468 | 10.0 | mg/kg | 400 | | 117 | 84.5-127 | 0.0581 | 17.6 |
| Surrogate: 1-Chlorooctane | 63.7 | | mg/kg | 50.0 | | 127 | 66.9-136 | | |
| Surrogate: 1-Chlorooctadecane | 61.2 | | mg/kg | 50.0 | | 122 | 59.5-142 | | |

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Notes and Definitions

| | |
|------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| 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 cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

No
Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Page 19 of 20

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------|--|-------------------|--|--------------|--|-------------|--|-----------------------|--|---|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: Etch Environmental & Safety Solutions, Inc. | | | | | | | | | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | |
| Project Manager: Lance Crenshaw Joel Lowry | | | | | | | | | | P.O. #: | | <div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | | | | | | | Company: Devon | | | | | | | | | | | | | | | | | |
| City: Lovington Hobbs State: NM Zip: 88260-88240 | | | | | | | | | | Attn: Wesley Matthews | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | | | | | | | Address: | | | | | | | | | | | | | | | | | |
| Project #: 15350 Project Owner: Wesley Matthews | | | | | | | | | | City: | | | | | | | | | | | | | | | | | |
| Project Name: Ore Ida 14 Federal #002 "Well Head" | | | | | | | | | | State: Zip: | | | | | | | | | | | | | | | | | |
| Project Location: Devon | | | | | | | | | | Phone #: | | | | | | | | | | | | | | | | | |
| Sampler Name: Eric Mojica | | | | | | | | | | Fax #: | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | | # CONTAINERS | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | |
| | | | | | | | | GROUNDWATER | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | WASTEWATER | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | SOIL | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | OIL | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | SLUDGE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | OTHER: | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | ACID/BASE: | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | ICE / COOL | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | OTHER: | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | DATE | | TIME | | | | | | | | | | | | | |
| H21.3727 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 NH e Suf. | | | | G | | 1 | | | | | | | | 12-28-21 | | | | | | | | | | | | | |
| 2 NH e I' | | | | G | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 3 EH e Suf. | | | | G | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 4 EH e I' | | | | G | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 5 SH e Suf. | | | | G | | 1 | | | | | | | | | | | | | | | | | | | | | |
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| 8 WH e I' | | | | G | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 9 VI e Suf. | | | | G | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 10 Htet VI 64' * | | | | G | | 1 | | | | | | | | | | | | | | | | | | | | | |

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| | | | | | | |
|-----------------------------------|--|----------------|---|--|--|----------------|
| Relinquished By: <i>E. Mojica</i> | | Date: 12-28-21 | Received By: <i>Jamara R. [Signature]</i> | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: | | Time: 1540 | Received By: | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| | | Date: | | | REMARKS: * Revised as per Lance. Ch 12/30/21 | |
| | | Time: | | | Please email results to pm@etechenv.com. | |

| | | |
|--|---|-----------------------------|
| Delivered By: (Circle One) 5.8e C-0.5e | Sample Condition Cool Intact | CHECKED BY: (Initials) T.O. |
| Sampler - UPS - Bus - Other: 5.3e #1/3 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |

FORM-006
Revision 1.0

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



No
Rush

CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2-2

Page 20 of 20

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------|--|--|--|---|--|---|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Joel Lowry Lance Cresshaw | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 301 | | | | Company: Devon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Lovington Hobbs State: NM Zip: 88260 88240 | | | | Attn: Wesley Matthews | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 396-2378 Fax #: (575) 396-1429 | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: 15350 Project Owner: Wesley Matthews | | | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Ore Ida 14 Federal #002 "Well Head" | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Devon | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Eric Mojica | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H213721 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 V2e Surf. | | G 1 | | ✓ | | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 V2e 1' | | G 1 | | ✓ | | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Relinquished By: L. Mojica | | | | Date: 12-28-21 Time: 1540 | | | | Received By: Tamara Alda-Kerr | | | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By: | | | | Date: | | | | Received By: | | | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Time: | | | | | | | | REMARKS: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) 5.8c C-0.5c | | | | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | CHECKED BY: (Initials) T.O. | | | | Please email results to pm@etechenv.com. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: 5.3c #113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

June 07, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ORE IDA 14 FEDERAL #002 FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 06/06/22 16:07.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: NW 1 (H222394-01)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTX | <0.300 | 0.300 | 06/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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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: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: EW 1 (H222394-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | |
| Total BTEx | <0.300 | 0.300 | 06/06/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 123 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Analytical Results For:

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

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: SW 1 (H222394-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | |
| Total BTEx | <0.300 | 0.300 | 06/06/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 126 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Analytical Results For:

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 HOBBS NM, 88240
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| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: WW 1 (H222394-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEx | <0.300 | 0.300 | 06/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 129 % 66.9-136

Surrogate: 1-Chlorooctadecane 131 % 59.5-142

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Analytical Results For:

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

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 1 @ 4.5' (H222394-05)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEx | <0.300 | 0.300 | 06/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 720 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 131 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 59.5-142

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Analytical Results For:

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

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 2 @ 4.5' (H222394-06)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | |
| Total BTEX | <0.300 | 0.300 | 06/06/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

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

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 3 @ 4.5' (H222394-07)

| 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 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEX | <0.300 | 0.300 | 06/06/2022 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 128 % 66.9-136

Surrogate: 1-Chlorooctadecane 131 % 59.5-142

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Analytical Results For:

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

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 4 @ 4.5' (H222394-08)

| 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 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | |
| Total BTEX | <0.300 | 0.300 | 06/06/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 128 % 66.9-136

Surrogate: 1-Chlorooctadecane 131 % 59.5-142

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 HOBBS NM, 88240
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|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 5 @ 4.5' (H222394-09)

| 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 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEx | <0.300 | 0.300 | 06/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 127 % 66.9-136

Surrogate: 1-Chlorooctadecane 129 % 59.5-142

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 HOBBS NM, 88240
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|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 6 @ 4.5' (H222394-10)

| 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 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEx | <0.300 | 0.300 | 06/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 7 @ 4.5' (H222394-11)

| 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 | 06/06/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEx | <0.300 | 0.300 | 06/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/07/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/07/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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 Fax To:

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|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 8 @ 4.5' (H222394-12)

| 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 | 06/07/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/07/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEX | <0.300 | 0.300 | 06/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 848 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/07/2022 | ND | 212 | 106 | 200 | 0.0957 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/07/2022 | ND | 214 | 107 | 200 | 7.36 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 9 @ 4.5' (H222394-13)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/07/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEX | <0.300 | 0.300 | 06/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 800 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/07/2022 | ND | 212 | 106 | 200 | 0.0957 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/07/2022 | ND | 214 | 107 | 200 | 7.36 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 10 @ 4.5' (H222394-14)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|------|-----------|--|
| | | | Analyzed By: JH/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/07/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTX | <0.300 | 0.300 | 06/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 656 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|--------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/07/2022 | ND | 212 | 106 | 200 | 0.0957 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/07/2022 | ND | 214 | 107 | 200 | 7.36 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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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: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 11 @ 4.5' (H222394-15)

| 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 | 06/07/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | |
| Toluene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 06/07/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | |
| Total BTEx | <0.300 | 0.300 | 06/07/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/07/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/07/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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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: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 12 @ 4.5' (H222394-16)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/07/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEx | <0.300 | 0.300 | 06/07/2022 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 544 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/07/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/07/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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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: | 06/06/2022 | Sampling Date: | 06/06/2022 |
| Reported: | 06/07/2022 | Sampling Type: | Soil |
| Project Name: | ORE IDA 14 FEDERAL #002 FLOW LINE | Sampling Condition: | Cool & Intact |
| Project Number: | 15350 | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - EDDY CO | | |

Sample ID: FL 13 @ 4.5' (H222394-17)

| 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 | 06/07/2022 | ND | 2.09 | 104 | 2.00 | 12.2 | | |
| Toluene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.07 | 104 | 2.00 | 12.9 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/07/2022 | ND | 2.00 | 100 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/07/2022 | ND | 6.25 | 104 | 6.00 | 12.3 | | |
| Total BTEX | <0.300 | 0.300 | 06/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 704 | 16.0 | 06/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/07/2022 | ND | 212 | 106 | 200 | 0.0957 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/07/2022 | ND | 214 | 107 | 200 | 7.36 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------------|--|-----------------------|--|---------------------|--|---|--|-------------|--|------------|--|----------|--|-----|--|--------|--|--------|--|------------|--|------------|--|----------|--|---------------|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: <i>Joel Lowry</i> | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 2617 W Marland | | | | Company: <i>Devon</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88240 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575) 264-9884 Fax #: | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: <i>15350</i> Project Owner: <i>Devon</i> | | | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <i>Ore Ida 14 Feb 2</i> | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: <i>Rural Lea Co. NM</i> | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <i>Miguel Ramirez</i> | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | Lab I.D. | | Sample I.D. | | (G/RAB OR (C) COMP. | | # CONTAINERS | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | GROUNDWATER | | WASTEWATER | | SOIL | | OIL | | SLUDGE | | OTHER: | | ACID/BASE: | | ICE / COOL | | OTHER: | | DATE | | TIME | | | | | | | | | | | | | |
| <i>H227394</i> | | | | | | <i>C</i> | | <i>1</i> | | | | | | <i>X</i> | | | | | | | | <i>X</i> | | <i>X</i> | | <i>X</i> | | <i>6/6/22</i> | | | | | | | | | | | | | | | |
| <i>1</i> | | <i>NWI</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>2</i> | | <i>EWI</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>3</i> | | <i>SWI</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>4</i> | | <i>WWI</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>5</i> | | <i>FL 1 @ 4.5'</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>6</i> | | <i>FL 2 @ 4.5'</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>7</i> | | <i>FL 3 @ 4.5'</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>8</i> | | <i>FL 4 @ 4.5'</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>9</i> | | <i>FL 5 @ 4.5'</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>10</i> | | <i>FL 6 @ 4.5'</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | | | |
|---|---------------------|---------------------------------|--|----------------|
| Relinquished By: <i>[Signature]</i> | Date: <i>6-6-22</i> | Received By: <i>[Signature]</i> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: <i>[Signature]</i> | Time: <i>1607</i> | Received By: <i>[Signature]</i> | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) <i>6.1°C</i> <i>C-0.5°C</i> | | | REMARKS: <i>Drop off same day as collected</i> | |
| Sampler - UPS - Bus - Other: <i>5.6°C</i> <i>#113</i> | | | <i>Rush please</i> | |
| Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> | | | Please email results and copy of CoC to pm@etechenv.com. | |
| CHECKED BY: <i>[Signature]</i> | | | | |

FORM-006
Revision 1.0

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



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1444

2-f2

| BILL TO | | | | | | ANALYSIS REQUEST | | | | | | | | | | | | | |
|--|--------------|---|---|---|------------|--|---|-------------|----------------|--|--|--|--|--|--|--|--|--|--|
| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | | | | P.O. #: | | | | | | | | | | | | |
| Project Manager: Joel Lowry | | | | | | | Company: | Devon | | | | | | | | | | | |
| Address: 2617 W Marland | | | | | | | Attn: | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88240 | | | | | | | Address: | | | | | | | | | | | | |
| Phone #: (575) 264-9884 Fax #: | | | | | | | City: | | | | | | | | | | | | |
| Project #: 15350 Project Owner: Devon | | | | | | | State: | Zip: | | | | | | | | | | | |
| Project Name: Ore Ida Hwy 2 | | | | | | | Phone #: | | | | | | | | | | | | |
| Project Location: Rural Lea Co., N.M. | | | | | | | Fax #: | | | | | | | | | | | | |
| Sampler Name: Miguel Rumbos | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | PRESERV. | SAMPLING | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G/RAB OR C/JOMP. # CONTAINERS) | GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : | ACID/BASE: ICE / COOL OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | | |
| H222394 | FL 7 @ 4.5' | C | X | X | 6/6/22 | | X | X | X | | | | | | | | | | |
| | FL 8 @ 4.5' | | | | | | | | | | | | | | | | | | |
| | FL 9 @ 4.5' | | | | | | | | | | | | | | | | | | |
| | FL 10 @ 4.5' | | | | | | | | | | | | | | | | | | |
| | FL 11 @ 4.5' | | | | | | | | | | | | | | | | | | |
| | FL 12 @ 4.5' | | | | | | | | | | | | | | | | | | |
| | FL 13 @ 4.5' | | | | | | | | | | | | | | | | | | |
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| Relinquished By: [Signature] | | Date: 6-6-22 | Received By: [Signature] | | Time: 1607 | | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Phone #: | | | | | | | | | | |
| Relinquished By: [Signature] | | Date: | Received By: [Signature] | | Time: | | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Fax #: | | | | | | | | | | |
| Delivered By: (Circle One) b.l.c.) c-o.s.d | | Sample Condition Cool Intact | | CHECKED BY: (Initials) TQ - | | REMARKS: Drop off same day as collected Rush please | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: 5.6c #13 | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Please email results and copy of CoC to pm@etechenv.com. | | | | | | | | | | | | | |



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

May 11, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ORE IDA 14 FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 05/09/22 8:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/09/2022
 Reported: 05/11/2022
 Project Name: ORE IDA 14 FEDERAL #002
 Project Number: 15350
 Project Location: DEVON - EDDY CO

Sampling Date: 05/05/2022
 Sampling Type: Water
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: WATER SAMPLE 1 (H221933-01)

| Chloride, SM4500Cl-B | | mg/L | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride* | 19700 | 4.00 | 05/09/2022 | ND | 104 | 104 | 100 | 0.00 | | |
| TDS 160.1 | | mg/L | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| TDS* | 37800 | 5.00 | 05/10/2022 | ND | 486 | 97.2 | 500 | 0.164 | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1


Page 4 of 4

[illegible]

Appendix D

Photographic Log

Photographic Log

| | |
|--|--|
| Photo Number: 1 |  |
| Photo Direction: Overhead/Bird's Eye | |
| Photo Description: Inferred affected area (highlighted in red). | |

| | |
|---|--|
| Photo Number: 2 |  |
| Photo Direction: Northeast | |
| Photo Description: View of the excavated area. | |


Photographic Log

| | |
|--|---|
| Photo Number: 3 |  <div>Jun 6, 2022 at 12:55:54 PM +32.219421,-103.962864 97° E Eddy County</div>  |
| Photo Direction: East | |
| Photo Description: View of the excavated area. | |


| | |
|--|---|
| Photo Number: 4 |  <div>Jun 6, 2022 at 12:55:34 PM +32.219421,-103.962864 130° SE Eddy County</div>  |
| Photo Direction: Southeast | |
| Photo Description: View of the excavated area. | |


Photographic Log

| | |
|--|--|
| Photo Number: 5 |  |
| Photo Direction: Southwest | |
| Photo Description: View of the excavated area. | |


| | |
|---|--|
| Photo Number: 6 |  |
| Photo Direction: Northeast | |
| Photo Description: View of the remediated area after backfilling and regrading. | |


Photographic Log

| | |
|---|--|
| Photo Number: 7 |  |
| Photo Direction: Northwest | |
| Photo Description: View of the remediated area after backfilling and regrading. | |

| | |
|---|--|
| Photo Number: 8 |  |
| Photo Direction: East | |
| Photo Description: View of the remediated area after backfilling and regrading. | |

Photographic Log

| | |
|---|--|
| Photo Number: 9 |  |
| Photo Direction: Southeast | |
| Photo Description: View of the remediated area after backfilling and regrading. | |

| | |
|---|--|
| Photo Number: 10 |  |
| Photo Direction: West | |
| Photo Description: View of the advancement of temporary monitor well TMW-1. | |

Appendix E

Regulatory Correspondence

From: [Amos, James A](#)
To: [Ben Arguijo](#); [Tucker, Shelly J](#)
Cc: [Kathy Purvis](#)
Subject: Re: [EXTERNAL] Re: Ore Ida Federal #1 - Need BLM permission to drill exploratory well
Date: Tuesday, March 8, 2022 9:52:27 AM
Attachments: [DOC065.PDF](#)

Ben, see attached correspondence. If any questions, please get back to me. Thanks

From: Ben Arguijo <bena@etechenv.com>
Sent: Monday, March 7, 2022 1:28 PM
To: Tucker, Shelly J <stucker@blm.gov>; Amos, James A <jamos@blm.gov>
Cc: Kathy Purvis <kathy@etechenv.com>
Subject: [EXTERNAL] Re: Ore Ida Federal #1 - Need BLM permission to drill exploratory well

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

Ms. Tucker/Mr. Amos,

I am writing to touch base on the matter detailed in the email below from 2/28/22 and to check on the status of the requested permission letter.

I will attempt to clarify the need for the exploratory soil boring/temporary monitor well, since it is probably not clear from my original message. The proposed boring is only tangentially related to the Ore Ida Federal #1 location. That location is simply located within a half-mile radius of a few of Devon's other active facilities, including the Ore Ida 14 Federal #2, where Etech will soon be remediating a release (NMOCD Incident #nAB1909834775). There are currently no wells within a half-mile radius of the Ore Ida 14 Federal #2 release site to satisfy the NMOCD's requirements for establishing depth to groundwater. Existing well data for the general area indicates that the depth to groundwater is anywhere from 21 to 110 feet below ground surface.

In addition to being needed to establish the remediation criteria for the Ore Ida 14 Federal #2 release, the proposed boring/well is an attempt by Devon to be proactive should a release occur at any of its other facilities in the immediate area.

If you have any questions or need any additional information, please do not hesitate to contact me or Kathy Purvis (Etech).

Thank you again for your time and consideration.

Respectfully,
Ben J. Arguijo

On Feb 28, 2022, at 4:05 PM, Ben Arguijo <bena@etechenv.com> wrote:

Dear Ms. Tucker/Mr. Amos,

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy (Devon), would like permission to drill an exploratory soil boring/temporary monitor well at Devon's Ore Ida Federal #1 tank battery/well location. The exploratory boring is needed to confirm that depth to water in the area is greater than 50 feet below ground surface.

Although the proposed drilling location is on the production pad, the site itself is on federally owned land. The New Mexico Office of the State Engineer requires a letter of permission from the landowner prior to issuing a drilling permit for an exploratory well.

At your earliest convenience, will one of you please send me a brief letter or email stating that you give Etech and Devon permission to drill at the site?

The legal description of the location is as follows:

Ore Ida Federal #1
Unit Letter "D" (NW/NW), Section 14, Township 24S, Range 29E
Eddy County, New Mexico

The geographic coordinates of the location are 32.222835, -103.962304.

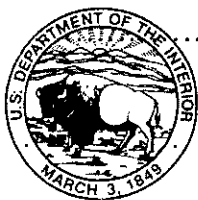
I have attached a couple of aerial photos of the site for your convenience.

If you have any questions or concerns, please do not hesitate to contact me.

Thank you for your time and consideration.

Respectfully,
Ben J. Arguijo

Ben J. Arguijo
Project Manager
2507 79th St., Unit A
Lubbock, TX 79423-2211
(432) 813-1592



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)

March 8, 2022

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Devon Energy Production Company LP
NMNM96222, T24S-R29E, Sec. 14, NWNW
32.222835 N, -103.962304 W
Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company LP. is requesting approval to drill a well to approximately 50-100' below ground level to verify groundwater or not in order to meet New Mexico Oil Conservation Division rule in order to determine closure criteria for spill events in the area identified above. The above location is centrally located and is on a previously disturbed area. Depth to ground water or not will be utilized for work plans for the site. In order to fully delineate the impacted site, a drilling unit will be needed to complete NMOCD requirements. The Bureau of Land Management (landowner) authorizes the use of a drilling unit to drill this well in order to determine depth to ground water.

If you have any questions contact Jim Amos, at 575-234-5909.

Sincerely,

James A. Amos
Supervisory EPS

Kathy Purvis

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Monday, June 6, 2022 11:58 AM
To: Kathy Purvis
Cc: Bratcher, Mike, EMNRD; Harimon, Jocelyn, EMNRD; Hamlet, Robert, EMNRD
Subject: FW: [EXTERNAL] Confirmation sampling notice, Ore Ida 14 Fed #2, incident # nAB1909834775

Kathy

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Monday, June 6, 2022 10:18 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: Fw: [EXTERNAL] Confirmation sampling notice, Ore Ida 14 Fed #2, incident # nAB1909834775

From: Kathy Purvis <kathy@etechenv.com>
Sent: Friday, June 3, 2022 3:02 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>; ocd.environmental@state.nm.us
<ocd.environmental@state.nm.us>
Subject: [EXTERNAL] Confirmation sampling notice, Ore Ida 14 Fed #2, incident # nAB1909834775

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

This email serves as notification that Etech intends to perform confirmation sampling at the Ore Ida 14 Fed #2 for incident #nAB1909834775.

Kathy Purvis, Project Manager
(432) 967-9624



District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 148908

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 148908 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| jnobui | Closure Report Approved. Please note you cannot use a well for background data that is located in an area of oil production (pad). The location of a background well needs prior OCD approval and needs to be placed in an undisturbed area. Closure is granted in this case because the chloride levels were close to Table 1 criteria for DTW <50'. | 10/24/2022 |