



May 4, 2023

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

**Re: Release Characterization and Remediation Work Plan
Maverick Permian, LLC
EVGSAU 2437-001 Flowline Leak
Unit Letter P, Section 24, Township 17 South, Range 34 East
Lea County, New Mexico
Incident ID# nAPP2310154072**

Dear Sir or Madam,

Tetra Tech, Inc. (Tetra Tech) was contracted by Maverick Permian, LLC (Maverick) to assess a release that occurred from a surface flow line associated with the East Vacuum Grayburg San Andres Unit (EVGSAU) 2437-001. The release footprint is located near Jay Lane, in Public Land Survey System (PLSS) Unit Letter P, Section 24, Township 17 South, Range 34 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.816796 °, -103.506061 ° as shown in **Figure 1** and **Figure 2**.

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release was discovered on February 16, 2023. The C-141 reports that the release occurred due to internal corrosion of a surface production flow line leading to a 5 barrel (bbl) spill off-pad. Approximately 4 bbls of produced water and 1 bbl of crude oil were reported released with approximately 1 barrel (bbl) of crude oil and 3 barrels (bbls) of produced water recovered by vac truck during the initial response. The NMOCD received the Initial C-141 on April 21, 2023, and subsequently assigned the release Incident ID nAPP2310153358. The initial C-141 Release notification form is included in **Attachment 1**.

1.1 SITE CHARACTERIZATION

Tetra Tech performed a site characterization for the release location which did not identify any watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains within the distances specified in 19.15.09 New Mexico Administrative Code (NMAC). Based on a review of the NMOCD Mapper The Site is in an area of low karst potential. There are potential playas located less than 0.5 miles from the site, as shown in **Attachment 2**.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are six (6) water wells located within an 800-meter (approximately ½-mile) radius of the release location. Of the six (6) water wells, five (5) have an available depth to water for which the average depth to groundwater reported at these six wells is 90 feet below ground surface (bgs). All of the available depth to groundwater data within ½-mile of the release is greater than 25 years. The site characterization data is included in **Attachment 2**.

Tetra Tech, Inc.

1500 CityWest Boulevard, Houston, Texas 77042
Tel +1.832.251.5160 | tetratech.com/oga | tetratech.com

Release Characterization Work Plan
 Maverick Permian, LLC
 EVGSAU 2437-001
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REGULATORY FRAMEWORK

Based upon the release footprint location and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chloride in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site are as follows for depth to groundwater as less than 50 feet below ground surface (bgs):

Closure Criteria for Soils Impacted by a Release

Constituent	Remediation RRAL
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

Additionally, in accordance with the NMOCD guidance Procedures for Implementation of the Spill Rule (19.15.29 NMAC) (September 6, 2019), the following reclamation requirements for surface soils (0-4 feet bgs) outside of active oil and gas operations are as follows:

Reclamation Requirements

Constituent	Remediation RRAL
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg

INITIAL RESPONSE ACTIVITIES

The release occurred due to internal corrosion of a surface production flow line consisting of an approximately 1,370 square foot area in open pasture, as shown in **Figure 3**. According to site records, initial response actions were taken by Maverick at the release site on February 20, 2023. Maverick responded to the site and made an initial excavation/scrape of approximately the top 6 inches of impacted material. The scraped material was sent to R360 for disposal. Confirmation samples were not collected during the initial response activities. Tetra Tech conducted a visual site inspection on March 16, 2023, to document the release and initial scrape area. The area encompassing this initial scrape was approximately 3,644 square feet as shown in **Figure 3**.

1.2 SITE ASSESSMENT SUMMARY

On April 4, 2023, Tetra Tech personnel returned to the Site to conduct soil sampling to delineate the release extent and confirm the efficacy of the reported remediation activities conducted during the initial response. A total of eight (7) hand auger borings were installed in an attempt to achieve horizontal delineation of the release. Hand auger borings (AH-1 through AH-7) were installed in the area of the reported release extent to depths of up to 2 feet bgs. Samples were collected from 0 to 1 foot and 1 to 2 feet bgs at each location. Hand auger refusal was encountered between 1 and 2 feet bgs due to hardpan soil material. Boring locations are presented in **Figure 4**.

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A total of 14 samples were collected from the eight (8) borings and submitted to Cardinal Laboratory in Hobbs, New Mexico, for analysis of Total Petroleum Hydrocarbons (GRO, DRO, and EXT DRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chloride by EPA Method SM4500Cl-B. Copies of the laboratory analytical data packages are included in **Attachment 3**.

Tetra Tech did not achieve lateral delineation during the April 4, 2023 sampling event, therefore, Tetra Tech returned on April 17, 2023, to conduct additional soil sampling. Five (5) additional hand auger borings were installed in an attempt to achieve horizontal delineation of the release. Please note that the additional sampling locations were mistakenly labeled AH-1 through AH-5 as submitted to the laboratory, and are so noted in the April 17 laboratory report. For clarity in the assessment, April 17 sample locations and samples have been re-named as AH-8 through AH-12, respectively, as shown in **Figure 4**, and are referred to as such in this report. Hand auger borings (AH-8 through AH-12) were positioned around the perimeter of the initial scrape area to a depth of 0-1 foot bgs. All boring locations are presented in **Figure 4**.

A total of five (5) samples were collected from the five (5) boring locations and submitted to Cardinal Laboratory in Hobbs, NM, to be analyzed for TPH (GRO, DRO, and EXT DRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chloride by EPA Method SM4500Cl-B. The results of the second set of samples taken on April 17 confirm that the horizontal extent of the release has been delineated. A copy of the laboratory analytical report and chain-of-custody documentation are included in **Attachment 3**.

SUMMARY OF SAMPLING RESULTS

Results from the April 4 and April 17 soil sampling events are summarized in **Table 1**. The laboratory reported concentrations of chloride, TPH, and in most cases BTEX in samples collected from AH-1 through AH-7 as greater than RRALs and Reclamation Requirements. Results from the April 17 soil sampling event at AH-8 through AH-12 reported concentrations of chloride, TPH, and BTEX as less than RRALs and Reclamation Requirements except for concentrations of Total TPH in AH-9 and AH-12 where concentrations were reported at concentrations greater than RRALs and Reclamation Requirements. Photographic documentation of Site conditions at the time of the assessment is presented in **Attachment 4**.

1.3 REMEDIATION WORK PLAN

Based on the analytical results from the assessment, Maverick proposes to remove the impacted material within the release extent as shown in **Figure 5**. Impacted soils will be excavated using heavy equipment (backhoes, hoe rams, and track hoes) to an approximate depth of 2 to 4 feet below the surrounding surface until representative samples from the excavation sidewalls and the floor of the excavation report concentrations of constituents as less than Site RRALs and Reclamation Requirements. Heavy equipment will come no more than two feet from any pressurized lines. Impacted soils within the vicinity of the surface and subsurface lines which intersect the release footprint will be excavated with hydro-vac excavation or dug by hand to the maximum extent practicable.

Excavated soils will be transported offsite and disposed of at an NMOCD-approved or permitted facility. Confirmation floor and sidewall samples will be collected for verification of remedial activities and analyzed for TPH, BTEX, and chloride. Once analytical results are received, NMOCD will be notified, and the excavation will then be backfilled with clean material to surface grade. The estimated volume of material to be remediated is between 260 to 540 cubic yards.

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CONFIRMATION SAMPLING PLAN

In accordance with 19.15.29.12(D)(1)(b) NMAC, Maverick proposes the following alternative confirmation sampling plan to adhere to NMOCD requirements. The proposed confirmation sample locations are depicted in **Figure 6**. Ten (10) confirmation floor samples and six (6) confirmation sidewall samples are proposed for verification of remedial activities. The proposed excavation encompasses a surface area of approximately 3,610 square feet.

These confirmation sidewall samples will be representative of 200 square feet or less each and floor samples will be representative of no more than approximately 500 square feet of the excavated area. Confirmation samples will be submitted to Cardinal Laboratory for analysis of TPH (Method 8015 modified), BTEX (Method 8260B), and chloride (EPA SM4500Cl-B). Once results are received, NMOCD will be notified, and the excavation will then be backfilled with clean material to surface grade.

SITE RECLAMATION AND RESTORATION PLAN

Post-remediation, the backfilled pasture areas will be seeded (in the next first favorable growing season) to aid in revegetation. Based on the soils at the site, gravelly loam, the New Mexico State Land Office (NMSLO) Coarse (CS) Sites Seed Mixture will be used for seeding and will be planted in the amount specified in pounds of pure live seed (PLS) per acre. The seed mixture will be spread by a drill equipped with a depth regulator or a broadcaster and raked. If a broadcaster is used for dispersal, the quantity of PLS per acre will be doubled.

Site inspections will be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. The NMSLO seed mixture details and corresponding pounds PLS per acre are included in **Attachment 5**. Final reclamation will create a landform that approximates and blends in with the surrounding landform while controlling erosion.

1.4 CONCLUSION

Maverick Natural Resources proposes to begin remediation activities at the Site within 120 days of NMOCD plan approval. Upon completion of the proposed work, a final closure report detailing the remediation activities and the results of the confirmation sampling will be submitted to NMOCD. If you have any questions concerning the soil assessment or the proposed remediation activities for the Site, please call me at (832) 252-2093.

Sincerely,



Steve Jester
Program Manager
Tetra Tech, Inc.



Charles H. Terhune IV, P.G.
Program Manager
Tetra Tech, Inc.

cc: Bryce Wagoner, Maverick Permian, LLC
New Mexico State Land Office

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EVGSAU 2437-001
Incident ID: nAPP2310154072

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LIST OF ATTACHMENTS

Figures

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Site Features
- Figure 4 – Site Assessment Map
- Figure 5 – Proposed Remediation Extent
- Figure 6 – Confirmation Sampling Plan

Tables

- Table 1 – Summary of Analytical Results – Soil Assessment

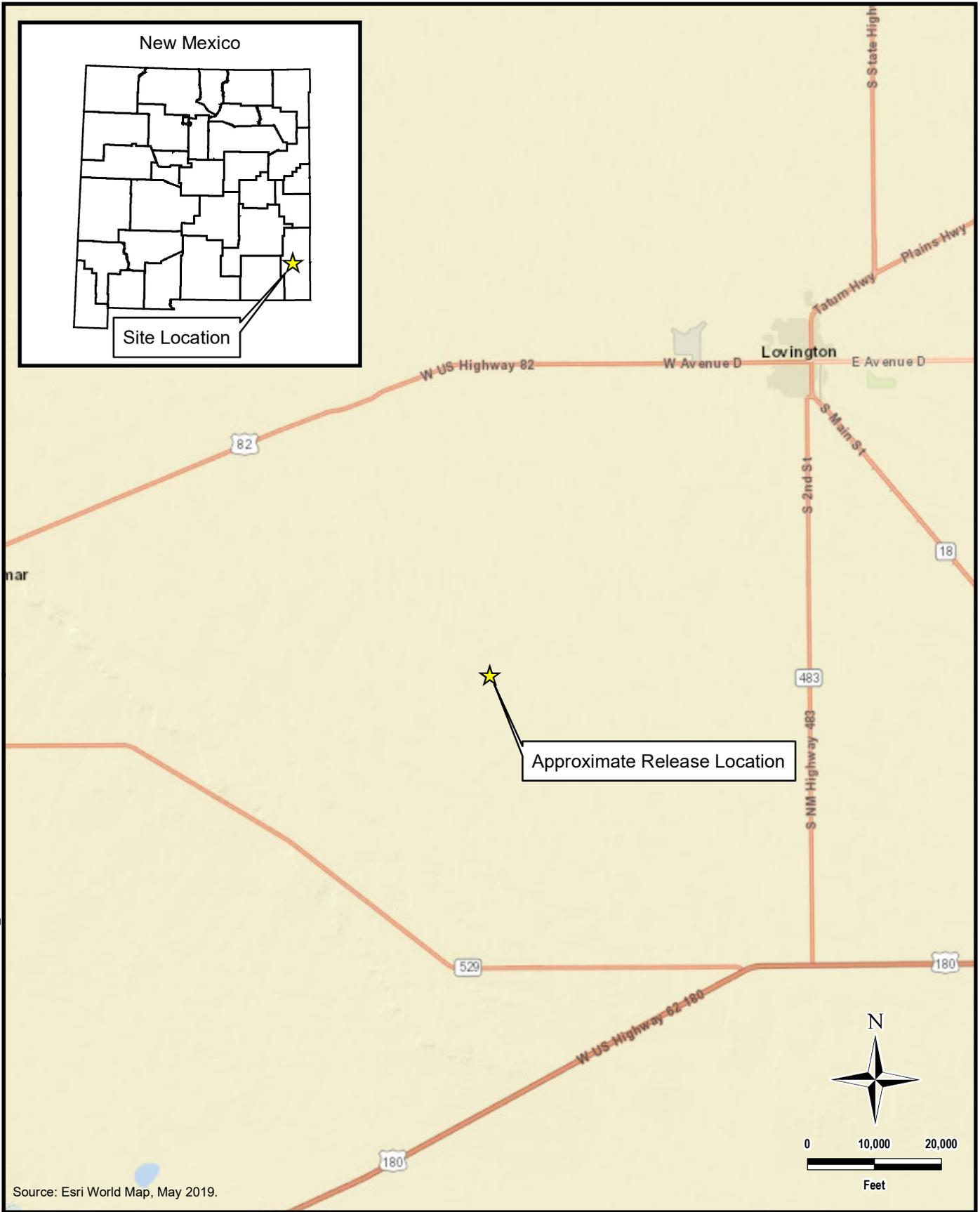
Attachments

- Attachment 1 – C-141 Forms
- Attachment 2 – Site Characterization Data
- Attachment 3 – Laboratory Analytical Data
- Attachment 4 – Photographic Documentation
- Attachment 5 – NMSLO Seed Mixture Details

Release Characterization Work Plan
Maverick Permian, LLC
EVGSAU 2437-001
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May 1, 2023

FIGURES



DOCUMENT PATH: D:\MAVERICK\MXD\EVGSAU 2437-001\FIGURE 1 OVERVIEW_EVGSAU 2437-001.MXD

Source: Esri World Map, May 2019.



www.tetrattech.com
 901 West Wall Street, Suite 100
 Midland, Texas 79701
 Phone: (432) 682-4559
 Fax: (432) 682-3946

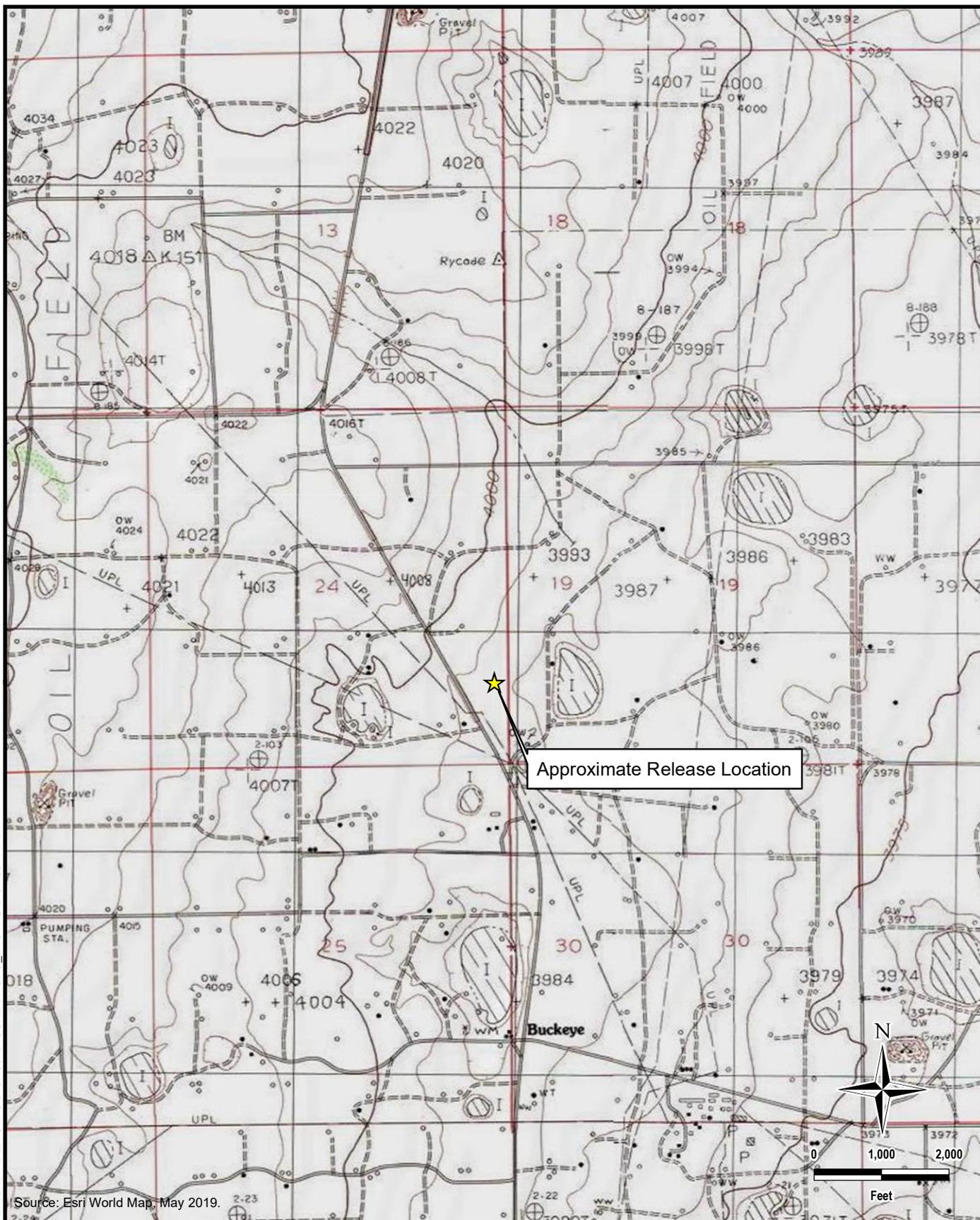
MAVERICK NATURAL RESOURCES

nAPP2310153358
 (32.816796°, -103.506061°)
 LEA COUNTY, NEW MEXICO

**EVGSAU 2437-001 FLOWLINE RELEASE
 OVERVIEW MAP**

PROJECT NO.: 212C-MD-03067
 DATE: MAY 02, 2023
 DESIGNED BY: AAM

Figure No.
1



DOCUMENT PATH: D:\MAVERICK\MD\EVGSAU 2437-001\FIGURE 2 TOPO_EVGSAU 2437-001.MXD

Source: Esri World Map, May 2019.



TETRA TECH

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MAVERICK NATURAL RESOURCES

nAPP2310153358
(32.816796°, -103.506061°)
LEA COUNTY, NEW MEXICO

**EVGSAU 2437-001 FLOWLINE RELEASE
TOPOGRAPHIC MAP**

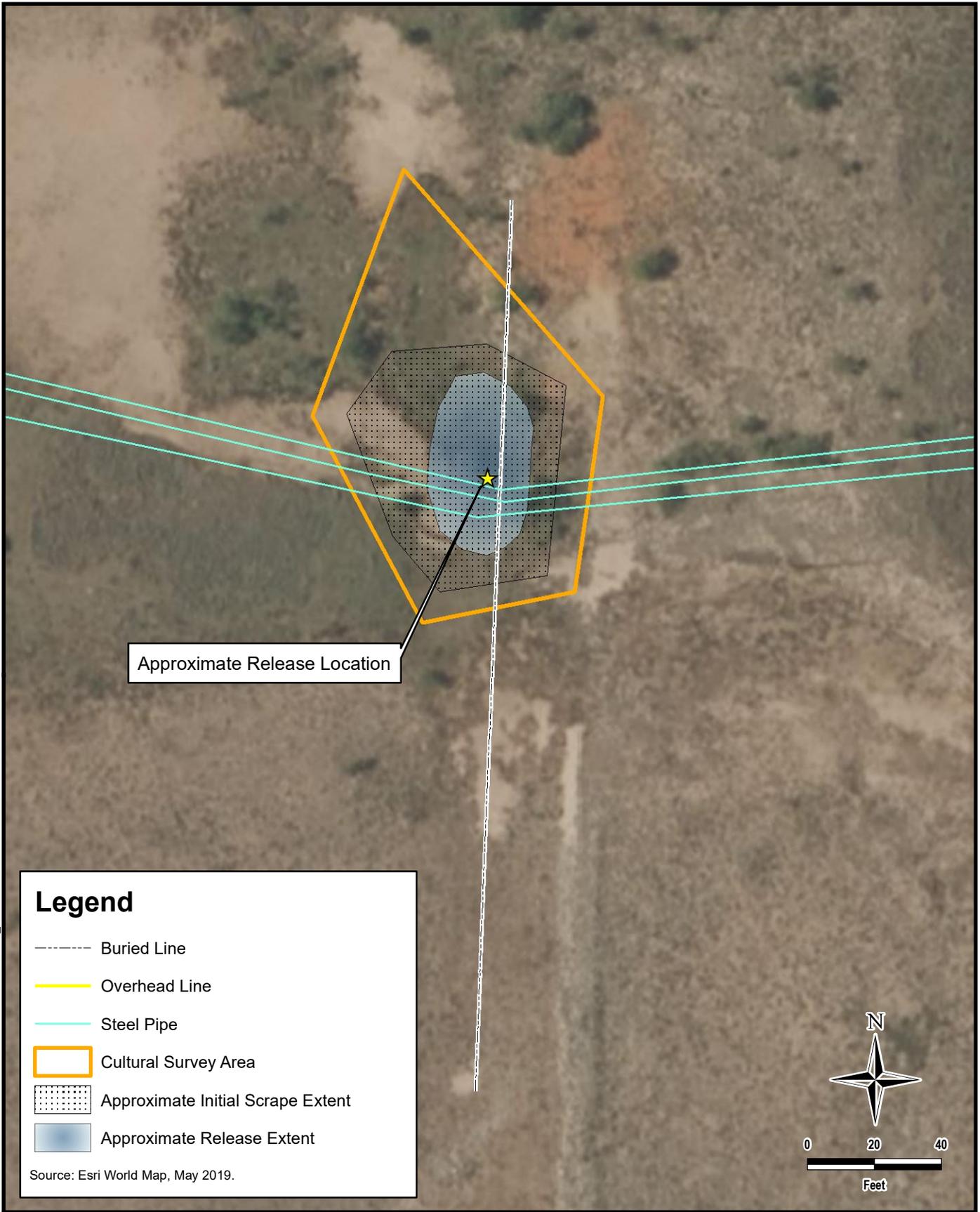
PROJECT NO.: 212C-MD-03067

DATE: MAY 02, 2023

DESIGNED BY: AAM

Figure No.

2



Approximate Release Location

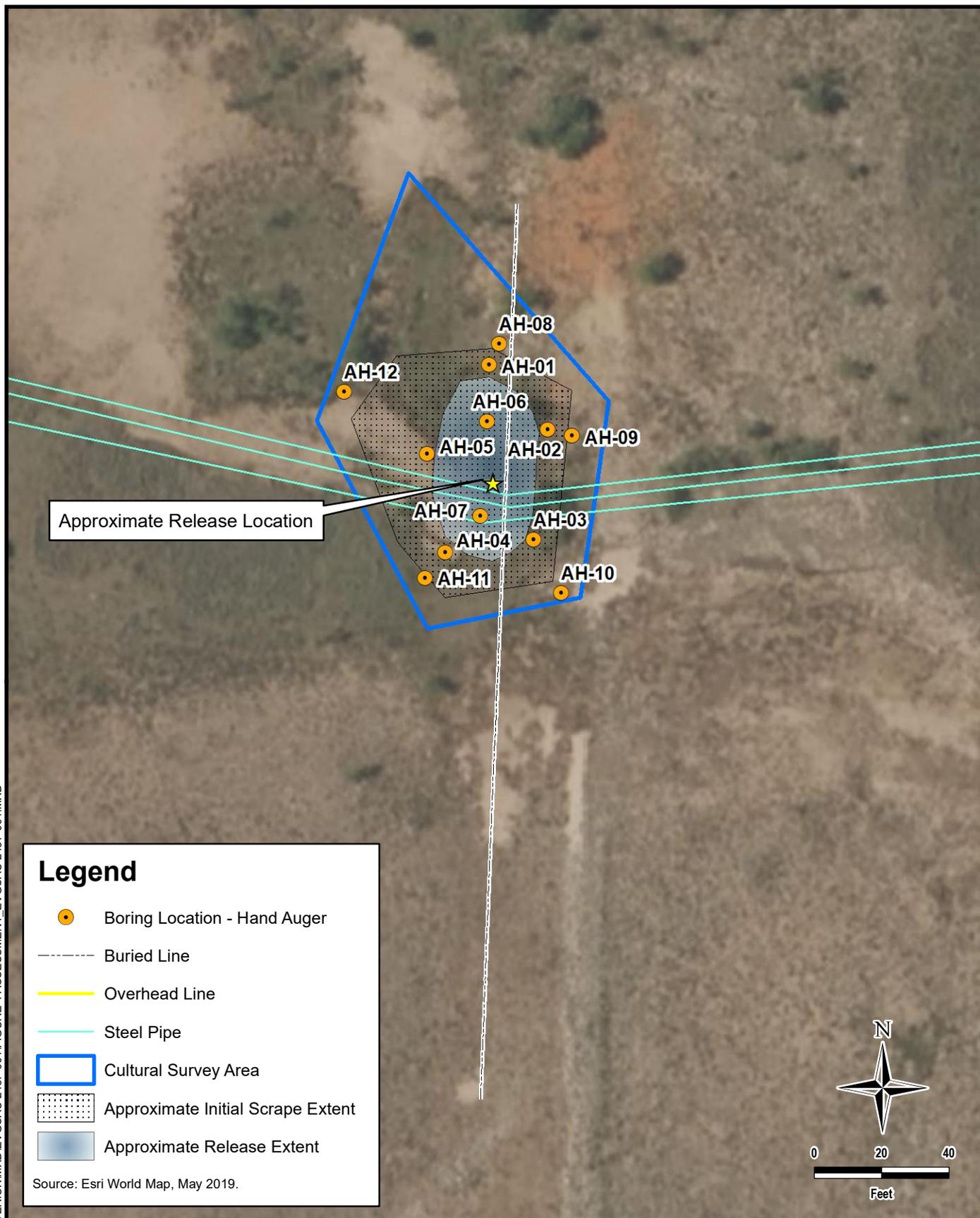
Legend

- Buried Line
- Overhead Line
- Steel Pipe
- Cultural Survey Area
- ▨ Approximate Initial Scrape Extent
- Approximate Release Extent

Source: Esri World Map, May 2019.

DOCUMENT PATH: D:\MAVERICK\MD\EVGSAU 2437-001\FIGURE 3 RELEASE EVGSAU 2437-001.MXD

 <p>www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>MAVERICK NATURAL RESOURCES</p> <p>nAPP2310153358 (32.816796°, -103.506061°) LEA COUNTY, NEW MEXICO</p>	<p>PROJECT NO.: 212C-MD-03067</p>
	<p>EVGSAU 2437-001 FLOWLINE RELEASE APPROXIMATE RELEASE EXTENT AND SITE FEATURES</p>	<p>DATE: MAY 02, 2023</p> <p>DESIGNED BY: AAM</p>
		<p>Figure No. 3</p>



DOCUMENT PATH: D:\MAVERICK\MD\IEVGS AU 2437-001\FIGURE 4 ASSESSMENT_EVGS AU 2437-001.MXD

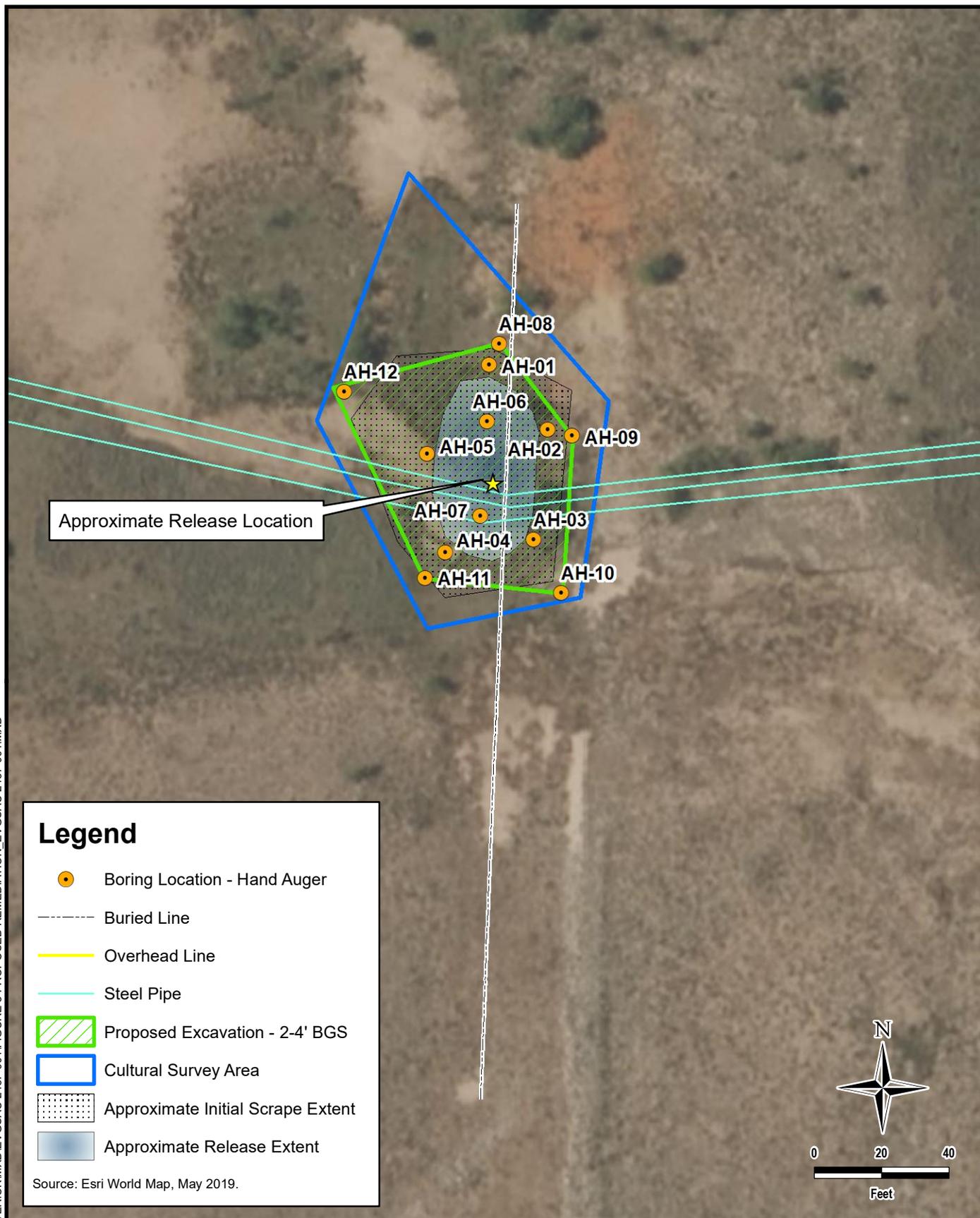
Legend

- Boring Location - Hand Auger
- Buried Line
- Overhead Line
- Steel Pipe
- Cultural Survey Area
- Approximate Initial Scrape Extent
- Approximate Release Extent

Source: Esri World Map, May 2019.

0 20 40
Feet

<p>TETRA TECH</p> <p>www.tetrattech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>MAVERICK NATURAL RESOURCES</p> <p>nAPP2310153358 (32.816796°, -103.506061°) LEA COUNTY, NEW MEXICO</p>	<p>PROJECT NO.: 212C-MD-03067</p>
	<p>EVGS AU 2437-001 FLOWLINE RELEASE SITE ASSESSMENT MAP</p>	<p>DATE: MAY 02, 2023</p> <p>DESIGNED BY: AAM</p>
		<p>Figure No. 4</p>

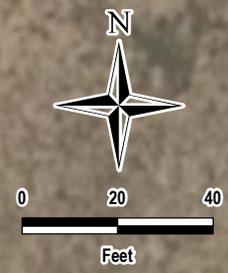


DOCUMENT PATH: D:\MAVERICK\MD\IEVGS AU 2437-001\FIGURE 5 PROPOSED REMEDIATION_EVGS AU 2437-001.MXD

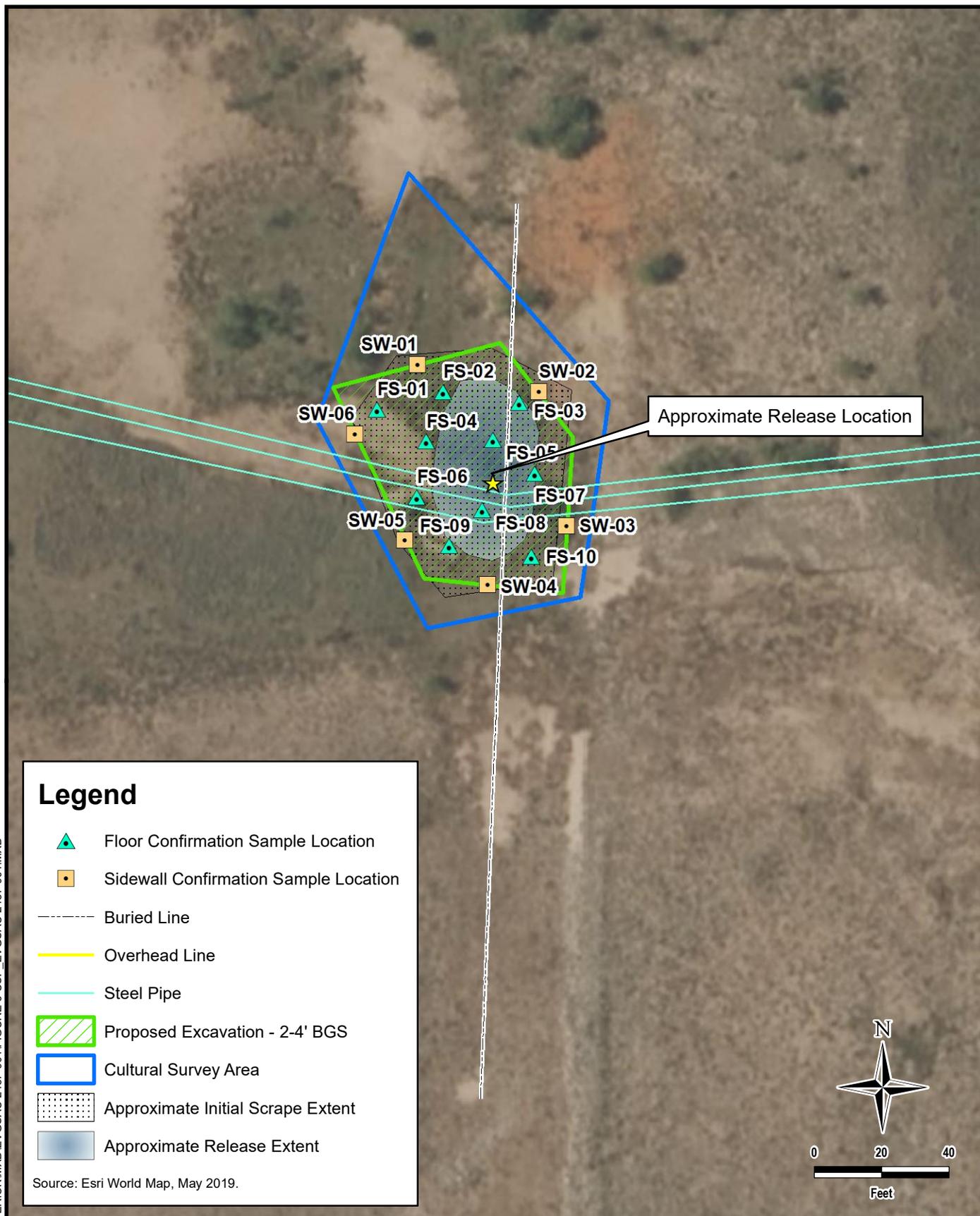
Legend

- Boring Location - Hand Auger
- Buried Line
- Overhead Line
- Steel Pipe
- Proposed Excavation - 2-4' BGS
- Cultural Survey Area
- Approximate Initial Scrape Extent
- Approximate Release Extent

Source: Esri World Map, May 2019.



<p>TETRA TECH</p> <p>www.tetrattech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>MAVERICK NATURAL RESOURCES</p> <p>nAPP2310153358 (32.816796°, -103.506061°) LEA COUNTY, NEW MEXICO</p>	<p>PROJECT NO.: 212C-MD-03067</p>
	<p>EVGSAU 2437-001 FLOWLINE RELEASE PROPOSED REMEDIATION EXTENT</p>	<p>DATE: MAY 02, 2023</p> <p>DESIGNED BY: AAM</p>
		<p>Figure No. 5</p>



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Legend

- Floor Confirmation Sample Location
- Sidewall Confirmation Sample Location
- Buried Line
- Overhead Line
- Steel Pipe
- Proposed Excavation - 2-4' BGS
- Cultural Survey Area
- Approximate Initial Scrape Extent
- Approximate Release Extent

Source: Esri World Map, May 2019.

0 20 40
Feet

<p>TETRA TECH</p> <p>www.tetrattech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>MAVERICK NATURAL RESOURCES</p> <p>nAPP2310153358 (32.816796°, -103.506061°) LEA COUNTY, NEW MEXICO</p>	<p>PROJECT NO.: 212C-MD-03067</p>
	<p>EVGSAU 2437-001 FLOWLINE RELEASE CONFIRMATION SAMPLING PLAN</p>	<p>DATE: MAY 02, 2023</p> <p>DESIGNED BY: AAM</p>
		<p>Figure No. 6</p>

Release Characterization Work Plan
Maverick Permian, LLC
EVGSAU 2437-001
Incident ID: nAPP2310154072

May 4, 2023

TABLES

Release Characterization Work Plan
Maverick Permian, LLC
EVGSAU 2437-001
Incident ID: nAPP2310154072

May 4, 2023

ATTACHMENT 1 – C-141 FORMS

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2310154072
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Maverick Permian, LLC	OGRID	331199
Contact Name	Bryce Wagoner	Contact Telephone	(928) 241-1862
Contact email	Bryce.Wagoner@mavresources.com	Incident # (assigned by OCD)	nAPP2310154072
Contact mailing address	1410 NW County Road Hobbs, New Mexico 88240		

Location of Release Source

Latitude 32.816796 Longitude -103.506061
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	EVGSAU 2437-001	Site Type	Flowline Leak
Date Release Discovered	02/16/2023	API# (if applicable)	

Unit Letter	Section	Township	Range	County
P	24	17S	34E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 1	Volume Recovered (bbls) 1
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 4	Volume Recovered (bbls) 3
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Internal corrosion of a surface production flow line leading to a 5 bbl spill off-pad. One bbl of oil and three bbls of produced water were recovered with a vac-truck upon discovery.

State of New Mexico
Oil Conservation Division

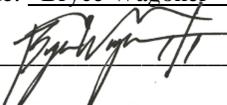
Page 2

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Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Not Applicable	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Bryce Wagoner</u>	Title: <u>Permian HSE Specialist</u>
Signature: 	Date: <u>4/21/2023</u>
email: <u>Bryce.Wagoner@mavresources.com</u>	Telephone: <u>(928) 241-1862</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>04/21/2023</u>

Incident ID	nAPP2310154072
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?	Unk. (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 1/2-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.

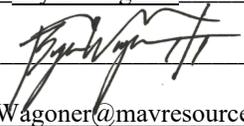
State of New Mexico
Oil Conservation Division

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Facility ID	
Application ID	

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

Printed Name: Bryce Wagoner Title: Permian HSE Specialist

Signature:  Date: 5.11.2023

email: Bryce.Wagoner@mavresources.com Telephone: (928) 241-1862

OCD Only

Received by: Jocelyn Harimon Date: 05/12/2023

Incident ID	nAPP2310154072
District RP	
Facility ID	
Application ID	

Remediation Plan

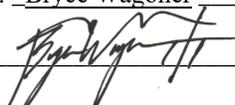
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

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

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

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

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

Printed Name: Bryce Wagoner Title: Permian HSE Specialist
 Signature:  Date: 5.11.2023
 email: Bryce.Wagoner@mavresources.com Telephone: (928) 241-1862

OCD Only

Received by: Jocelyn Harimon Date: 05/12/2023

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature:  Date: 07/31/2023

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2310154072
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Release Characterization Work Plan
Maverick Permian, LLC
EVGSAU 2437-001
Incident ID: nAPP2310154072

May 4, 2023

ATTACHMENT 2 – SITE CHARACTERIZATION DATA



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 04829 POD7	L	LE		3	3	3	19	17S	35E	640012	3631688*	327	210	70	140
L 05439	L	LE		2	3	3	19	17S	35E	640212	3631888*	372	135	85	50
L 05022	L	LE			3	4	24	17S	34E	639310	3631773*	574	140	80	60
L 03846	L	LE			4	2	24	17S	34E	639699	3632588*	633	225		
L 06357 S	L	LE			1	1	30	17S	35E	640119	3631386*	645	163	85	78
L 06357 S2	L	LE		3	1	1	30	17S	35E	640017	3631285	707	230	130	100

Average Depth to Water: **90 feet**
 Minimum Depth: **70 feet**
 Maximum Depth: **130 feet**

Record Count: 6

Basin/County Search:

County: Lea

UTMNAD83 Radius Search (in meters):

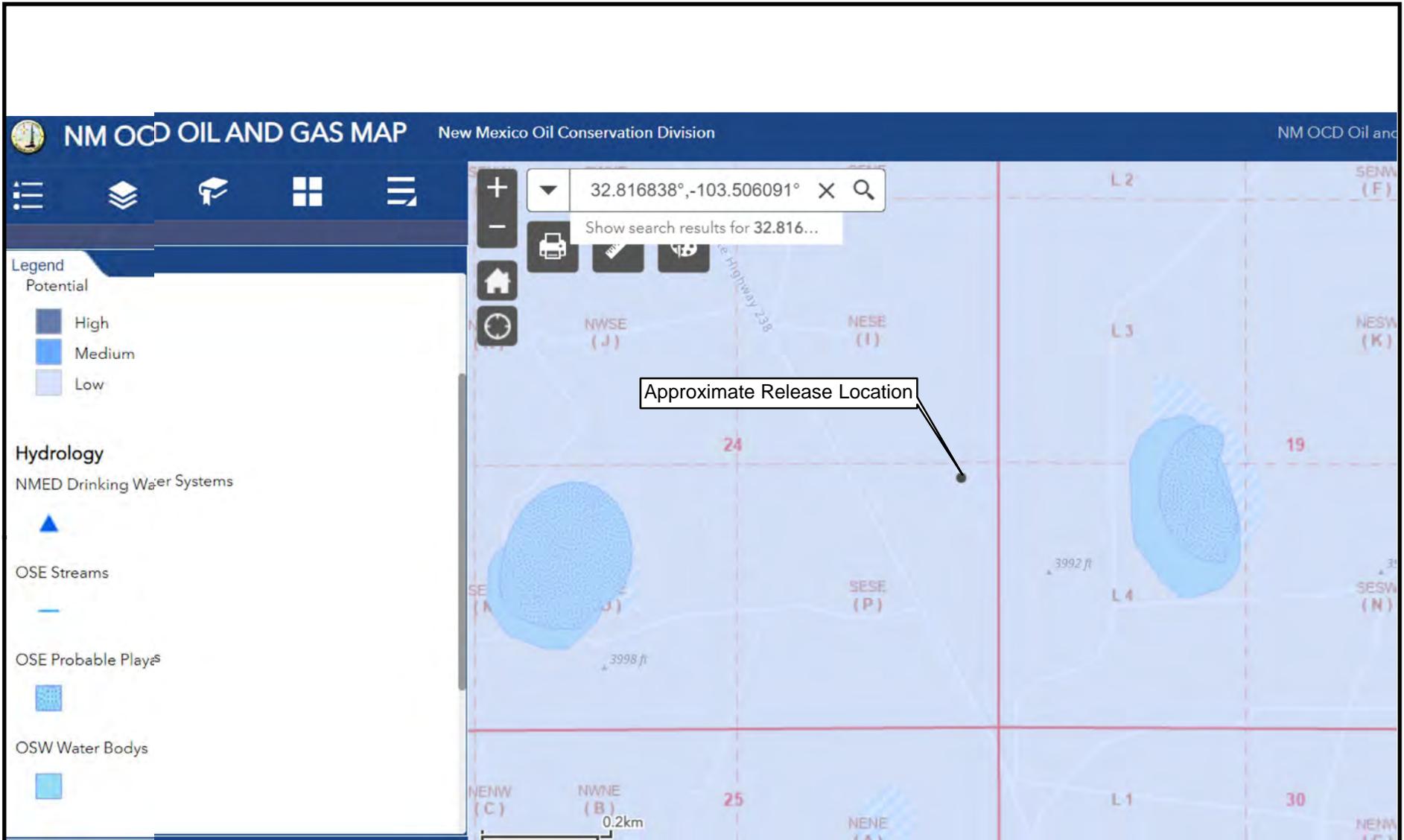
Easting (X): 639848.95

Northing (Y): 3631972.55

Radius: 800

*UTM location was derived from PLSS - see Help

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



DOCUMENT PATH: D:\MAVERICK\MD\EVGSAU 2437-001\APPENDIX B_EVGSAU 2437-001.MXD

 TETRA TECH www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	MAVERICK NATURAL RESOURCES nAPP2310154072 (32.816796°, -103.506061°) LEA COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03067 DATE: MAY 02, 2023 DESIGNED BY: AAM
	EVGSAU 2437-001 FLOW LINE RELEASE KARST POTENTIAL, PROBABLE PLAYAS, AND WATER BODIES	

Release Characterization Work Plan
Maverick Permian, LLC
EVGSAU 2437-001
Incident ID: nAPP2310154072

May 4, 2023

ATTACHMENT 3 – LABORATORY ANALYTICAL DATA



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

April 10, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2437-001

Enclosed are the results of analyses for samples received by the laboratory on 04/04/23 12:38.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 1 (0-1') (H231534-01)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	26.6	1.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	71.3	1.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	128	3.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	226	6.00	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3440	50.0	04/05/2023	ND	195	97.4	200	3.03	QM-07, QR-03
DRO >C10-C28*	19100	50.0	04/05/2023	ND	197	98.7	200	6.89	QM-07
EXT DRO >C28-C36	3370	50.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 353 % 48.2-134

Surrogate: 1-Chlorooctadecane 396 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 1 (1-2') (H231534-02)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	17.7	1.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	52.3	1.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	89.0	3.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	159	6.00	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1540	50.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	8720	50.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	1620	50.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 221 % 48.2-134

Surrogate: 1-Chlorooctadecane 183 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 2 (0-1') (H231534-03)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	19.4	1.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	21.7	1.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	86.0	3.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	127	6.00	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1570	50.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	7960	50.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	1500	50.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 208 % 48.2-134

Surrogate: 1-Chlorooctadecane 169 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 2 (1-2') (H231534-04)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.107	0.050	04/05/2023	ND	2.00	99.8	2.00	1.43		
Toluene*	3.28	0.050	04/05/2023	ND	2.02	101	2.00	1.34		
Ethylbenzene*	8.47	0.050	04/05/2023	ND	2.05	102	2.00	1.80		
Total Xylenes*	16.0	0.150	04/05/2023	ND	6.25	104	6.00	2.33		
Total BTEX	27.9	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 194 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9400	16.0	04/05/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	286	10.0	04/05/2023	ND	195	97.4	200	3.03		
DRO >C10-C28*	1380	10.0	04/05/2023	ND	197	98.7	200	6.89		
EXT DRO >C28-C36	242	10.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 3 (0-1') (H231534-05)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	34.7	1.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	34.9	1.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	166	3.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	235	6.00	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2920	50.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	9930	50.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	1780	50.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 248 % 48.2-134

Surrogate: 1-Chlorooctadecane 203 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 3 (1-2') (H231534-06)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	0.694	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	0.954	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	4.14	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	5.79	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	50.7	10.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	442	10.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	95.1	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 4 (0-1') (H231534-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	11.9	2.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	159	2.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	188	2.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	252	6.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	610	12.0	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	6520	50.0	04/05/2023	ND	195	97.4	200	3.03		
DRO >C10-C28*	15800	50.0	04/05/2023	ND	197	98.7	200	6.89		
EXT DRO >C28-C36	2780	50.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 332 % 48.2-134

Surrogate: 1-Chlorooctadecane 311 % 49.1-148

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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 4 (1-2') (H231534-08)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.04	1.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	118	1.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	156	1.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	230	3.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	511	6.00	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4010	50.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	10000	50.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	1770	50.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 249 % 48.2-134

Surrogate: 1-Chlorooctadecane 197 % 49.1-148

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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 5 (0-1') (H231534-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	12.1	1.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	96.3	1.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	107	1.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	137	3.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	352	6.00	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	2860	50.0	04/05/2023	ND	195	97.4	200	3.03		
DRO >C10-C28*	8220	50.0	04/05/2023	ND	197	98.7	200	6.89		
EXT DRO >C28-C36	1400	50.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 225 % 48.2-134

Surrogate: 1-Chlorooctadecane 168 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 5 (1-2') (H231534-10)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	19.9	1.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	150	1.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	154	1.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	200	3.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	524	6.00	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4540	50.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	10000	50.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	1690	50.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 240 % 48.2-134

Surrogate: 1-Chlorooctadecane 198 % 49.1-148

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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 6 (0-1') (H231534-11)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	5.87	1.00	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	102	1.00	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	153	1.00	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	227	3.00	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	488	6.00	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 142 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4470	50.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	14800	50.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	2670	50.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 700 % 48.2-134

Surrogate: 1-Chlorooctadecane 565 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 6 (1-2') (H231534-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	04/06/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	12.3	0.500	04/06/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	21.4	0.500	04/06/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	32.0	1.50	04/06/2023	ND	6.25	104	6.00	2.33	
Total BTEX	65.7	3.00	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	04/05/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	672	10.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	2180	10.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	372	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 7 (0-1') (H231534-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	9.82	2.00	04/06/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	174	2.00	04/06/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	197	2.00	04/06/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	249	6.00	04/06/2023	ND	6.25	104	6.00	2.33	
Total BTEX	629	12.0	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	04/05/2023	ND	400	100	400	3.92	QM-07

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	4730	50.0	04/05/2023	ND	195	97.4	200	3.03		
DRO >C10-C28*	10800	50.0	04/05/2023	ND	197	98.7	200	6.89		
EXT DRO >C28-C36	1860	50.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 262 % 48.2-134

Surrogate: 1-Chlorooctadecane 213 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 7 (1-2') (H231534-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/06/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	22.0	1.00	04/06/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	47.7	1.00	04/06/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	84.7	3.00	04/06/2023	ND	6.25	104	6.00	2.33	
Total BTEX	154	6.00	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1920	50.0	04/05/2023	ND	195	97.4	200	3.03		
DRO >C10-C28*	5180	50.0	04/05/2023	ND	197	98.7	200	6.89		
EXT DRO >C28-C36	911	50.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 191 % 48.2-134

Surrogate: 1-Chlorooctadecane 170 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Custody Record



Tetra Tech, Inc.

901W West Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:

Maverick Natural Resources

Site Manager:

Chuck Terhune

Project Name:

EVGSAU 2433-001

Project Location:

Lea County NM

Project #:

212c-MD-03067

Invoice to:

Chuck Terhune @ Tetratech.com

Receiving Laboratory:

Cardenal Labs

Sampler Signature:

[Signature]

Comments:

LAB #	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None		
1	AH-1 (0-1')	4-4-23		X		X	X				
2	AH-1 (1-2')	4-4-23		X		X	X				
3	AH-2 (0-1')	4-4-23		X		X	X				
4	AH-2 (1-2')	4-4-23		X		X	X				
5	AH-3 (0-1')	4-4-23		X		X	X				
6	AH-3 (1-2')	4-4-23		X		X	X				
7	AH-4 (0-1')	4-4-23		X		X	X				
8	AH-4 (1-2')	4-4-23		X		X	X				
9	AH-5 (0-1')	4-4-23		X		X	X				
10	AH-5 (1-2')	4-4-23		X		X	X				

Relinquished by: *George Hernandez* Date: 4-4-23 Time: *12:38*

Relinquished by: *Stockingway* Date: 4/13/23 Time: *12:38*

Received by: _____ Date: _____ Time: _____

ANALYSIS REQUEST (Circle or Specify Method No.)

- BTEX 8021B
- BTEX 8260B
- TPH TX1005 (Ext to C35)
- TPH 8015M (GRO - DRO - ORO - MFO)
- PAH 8270C
- Total Metals Ag As Ba Cd Cr Pb Se Hg
- TCLP Metals Ag As Ba Cd Cr Pb Se Hg
- TCLP Volatiles
- TCLP Semi Volatiles
- RCI
- GC/MS Vol. 8260B / 624
- GC/MS Semi. Vol. 8270C/625
- PCB's 8082 / 608
- NORM
- PLM (Asbestos)
- Chloride
- Chloride Sulfate TDS
- General Water Chemistry (see attached list)
- Anion/Cation Balance

LAB USE ONLY

REMARKS: STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

ORIGINAL COPY

Analysis Request of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 982-4559
Fax (432) 982-3946

Client Name: Maverick natural Resources Site Manager: Chuck Terhune

Project Name: EVG SAV 2437 - 001 Project #: 212c-MD-03067

Project Location: (county, state) Lea County NM

Invoice to: Chuck Terhune @ Tetratech. Com

Receiving Laboratory: Cordena Labs Sampler Signature: [Signature]

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None		
11	AH-6 (0-1')	4-4-23		X				X			
12	AH-6 (1-2')	4-4-23		X				X			
13	AH-7 (0-1')	4-4-23		X				X			
14	AH-7 (1-2')	4-4-23		X				X			

LAB USE ONLY	REMARKS:
<input checked="" type="checkbox"/> STANDARD	
<input type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr	
<input type="checkbox"/> Rush Charges Authorized	
<input type="checkbox"/> Special Report Limits or TRRP Report	

ANALYSIS REQUEST
(Circle or Specify Method No.)

<input type="checkbox"/>	BTEX 8021B	BTEX 8260B
<input type="checkbox"/>	TPH TX1005 (Ext to C35)	
<input type="checkbox"/>	TPH 8015M (GRO - DRO - ORO - MPO)	
<input type="checkbox"/>	PAH 8270C	
<input type="checkbox"/>	Total Metals Ag As Ba Cd Cr Pb Se Hg	
<input type="checkbox"/>	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
<input type="checkbox"/>	TCLP Volatiles	
<input type="checkbox"/>	TCLP Semi Volatiles	
<input type="checkbox"/>	RCI	
<input type="checkbox"/>	GC/MS Vol. 8260B / 624	
<input type="checkbox"/>	GC/MS Semi. Vol. 8270C/625	
<input type="checkbox"/>	PCB's 8082 / 608	
<input type="checkbox"/>	NORM	
<input type="checkbox"/>	PLM (Asbestos)	
<input type="checkbox"/>	Chloride	
<input type="checkbox"/>	Chloride Sulfate TDS	
<input type="checkbox"/>	General Water Chemistry (see attached list)	
<input type="checkbox"/>	Anion/Cation Balance	
<input type="checkbox"/>	Hold	

ORIGINAL COPY



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

April 21, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2437-001

Enclosed are the results of analyses for samples received by the laboratory on 04/17/23 13:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/17/2023	Sampling Date:	04/17/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 1 (0-1') (H231832-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/19/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	45.0	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	20.1	10.0	04/20/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/17/2023	Sampling Date:	04/17/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 2 (0-1') (H231832-02)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	146	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	40.7	10.0	04/20/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/17/2023	Sampling Date:	04/17/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 3 (0-1') (H231832-03)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/19/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	66.8	10.0	04/21/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	29.4	10.0	04/21/2023	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/17/2023	Sampling Date:	04/17/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 4 (0-1') (H231832-04)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/19/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/17/2023	Sampling Date:	04/17/2023
Reported:	04/21/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2437-001	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03067	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 5 (0-1') (H231832-05)

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	04/20/2023	ND	2.03	101	2.00	22.5	
Toluene*	<0.050	0.050	04/20/2023	ND	2.11	105	2.00	22.8	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.18	109	2.00	23.8	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.64	111	6.00	23.2	
Total BTEX	<0.300	0.300	04/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	167	83.5	200	5.77	
DRO >C10-C28*	148	10.0	04/20/2023	ND	166	83.1	200	0.572	
EXT DRO >C28-C36	39.0	10.0	04/20/2023	ND					

Surrogate: 1-Chlorooctane 60.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:

Maverick

Site Manager:

Chuck Terhune

Project Name:

EV65SAU 2437-001

Project #:

PS1) 355-8465 Chuck.Terhune@tetra-tech.com

Project Location:

(county, state)
Lee County, NM

Invoice to:

Chuck.Terhune@tetra-tech.com

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Margaret A. Egan

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)	
		YEAR	MO	DATE	TIME	WATER	SOIL	HCL	HNO ₃			ICE
H231833	AH-1 (0-1)			4/13/23		X						
	AH-2 (0-1)					X						
	AH-3 (0-1)					X						
	AH-4 (0-1)					X						
	AH-5 (0-1)					X						

DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None	# CONTAINERS	FILTERED (Y/N)
4/13/23		X							
		X							
		X							
		X							
		X							

ANALYSIS REQUEST (Circle or Specify Method No.)
<input checked="" type="checkbox"/> BTEX 8021B BTEX 8260B
<input type="checkbox"/> TPH TX1005 (Ext to C35)
<input checked="" type="checkbox"/> TPH 8015M (GRO - DRO - ORO - MRO)
<input type="checkbox"/> PAH 8270C
<input type="checkbox"/> Total Metals Ag As Ba Cd Cr Pb Se Hg
<input type="checkbox"/> TCLP Metals Ag As Ba Cd Cr Pb Se Hg
<input type="checkbox"/> TCLP Volatiles
<input type="checkbox"/> TCLP Semi Volatiles
<input type="checkbox"/> RCI
<input type="checkbox"/> GC/MS Vol. 8280B / 624
<input type="checkbox"/> GC/MS Semi. Vol. 8270C/625
<input type="checkbox"/> PCB's 8082 / 608
<input type="checkbox"/> NORM
<input type="checkbox"/> PLM (Asbestos)
<input checked="" type="checkbox"/> Chloride
<input type="checkbox"/> Chloride Sulfate TDS
<input type="checkbox"/> General Water Chemistry (see attached list)
<input type="checkbox"/> Anion/Cation Balance
<input type="checkbox"/> Hold

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Wendell Egan	4/13/23		Shadrighness	4/17/23	1315
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY	REMARKS:
Sample Temperature	<input checked="" type="checkbox"/> STANDARD
51.8°C	<input type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr
4.5: #113	<input type="checkbox"/> Rush Charges Authorized
	<input type="checkbox"/> Special Report Limits or TRRP Report

ORIGINAL COPY

Circle) HAND DELIVERED FEDEX UPS Tracking #:

Release Characterization Work Plan
Maverick Permian, LLC
EVGSAU 2437-001
Incident ID: nAPP2310154072

May 4, 2023

ATTACHMENT 4 – PHOTOGRAPHIC DOCUMENTATION

W

NW

N

NE

E

270

300

330

0

30

60

90

☀ 357°N (T) LAT: 32.816726 LON: -103.505926 ±3m ▲ 1221m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr. 04. 2023, 08:39:39 MDT



☀ 357°N (T) LAT: 32.816725 LON: -103.505922 ±4m ▲ 1221m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 08:39:43 MDT

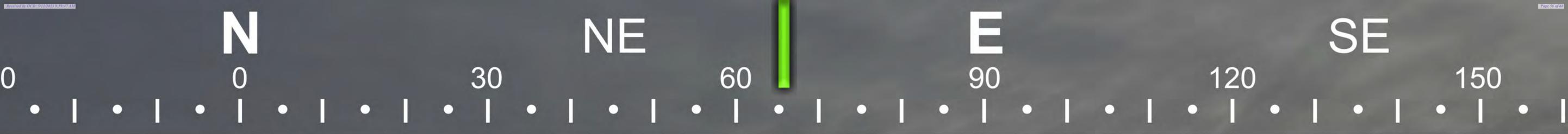


☀ 69°E (T) LAT: 32.817005 LON: -103.506026 ±4m ▲ 1215m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 08:40:52 MDT

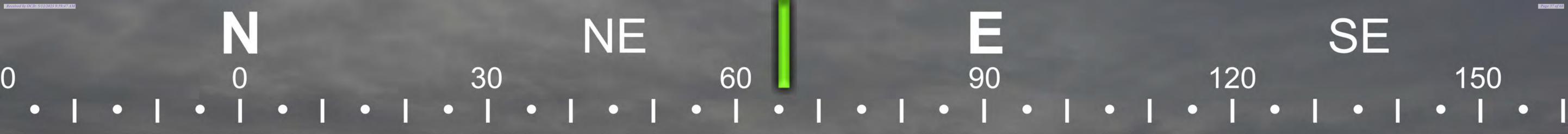


☀ 66°NE (T) LAT: 32.816868 LON: -103.506213 ±4m ▲ 1223m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 08:41:08 MDT



☉ 66°NE (T) LAT: 32.816872 LON: -103.506213 ±4m ▲ 1223m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 08:41:12 MDT



☀ 53°NE (T) LAT: 32.816751 LON: -103.506203 ±4m ▲ 1222m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 08:41:24 MDT



☀ 45°NE (T) LAT: 32.816677 LON: -103.506131 ±4m ▲ 1219m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 08:41:36 MDT



☉ 274°W (T) LAT: 32.816803 LON: -103.505978 ±7m ▲ 1218m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 10:18:51 MDT



☉ 183°S (T) LAT: 32.816829 LON: -103.505993 ±4m ▲ 1220m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 10:18:58 MDT



☀ 357°N (T) LAT: 32.816831 LON: -103.505984 ±4m ▲ 1221m



Site Assessment
Tetra Tech

Maverick - EVGSAU
Apr 04 2023, 10:19:02 MDT

Release Characterization Work Plan
Maverick Permian, LLC
EVGSAU 2437-001
Incident ID: nAPP2310154072

May 4, 2023

ATTACHMENT 5 – NMSLO SEED MIXTURE DETAILS

NMSLO Seed Mix**Coarse (CS)****COARSE (CS) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Sand bluestem	VNS, Southern	2.0	F
Sideoats grama	Vaughn, El Reno	2.0	F
Blue grama	Hachita, Lovington	1.5	D
Little bluestem	Cimmaron, Pastura	1.5	F
Sand dropseed	VNS, Southern	1.0	S
Plains bristlegrass	VNS, Southern	0.75	D
Forbs:			
Parry penstemon	VNS, Southern	1.0	D
Desert globemallow	VNS, Southern	1.0	D
White prairieclover	Kaneb, VNS	0.5	D
Sulfur buckwheat	VNS, Southern	0.5	D
Shrubs:			
Fourwing saltbush	VNS, Southern	1.0	D
Skunkbush sumac	VNS, Southern	1.0	D
Common winterfat	VNS, Southern	1.0	F
Fringed sagewort	VNS, Southern	0.5	F
		Total PLS/acre	18.25

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

- VNS, Southern – No Variety Stated, seed should be from a southern latitude collection of this species.
- Double above seed rates for broadcast or hydroseeding.
- If Parry is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow.
- If one species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.



Lea County, New Mexico

KU—Kimbrough-Lea complex, dry, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw46
Elevation: 2,500 to 4,800 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 57 to 63 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 45 percent
Lea and similar soils: 25 percent
Minor components: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kimbrough

Setting

Landform: Playa rims, plains
Down-slope shape: Convex, linear
Across-slope shape: Concave, linear
Parent material: Loamy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 3 inches: gravelly loam
Bw - 3 to 10 inches: loam
Bkkm1 - 10 to 16 inches: cemented material
Bkkm2 - 16 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 4 to 18 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 95 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

EVGSAU 0546-038

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Description of Lea

Setting

Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age over indurated caliche of pliocene age

Typical profile

A - 0 to 10 inches: loam
Bk - 10 to 18 inches: loam
Bkk - 18 to 26 inches: gravelly fine sandy loam
Bkkm - 26 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 22 to 30 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 90 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 3.0
Available water supply, 0 to 60 inches: Very low (about 2.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY047TX - Sandy Loam 12-17" PZ
Hydric soil rating: No

Minor Components

Douro

Percent of map unit: 12 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY047TX - Sandy Loam 12-17" PZ
Other vegetative classification: Unnamed (G077DH000TX)
Hydric soil rating: No

Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

EVGSAU 0546-038

Kenhill

Percent of map unit: 12 percent

Landform: Plains

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R077DY038TX - Clay Loam 12-17" PZ

Hydric soil rating: No

Spraberry

Percent of map unit: 6 percent

Landform: Playa rims, plains

Down-slope shape: Convex, linear

Across-slope shape: Linear

Ecological site: R077DY049TX - Very Shallow 12-17" PZ

Other vegetative classification: Unnamed (G077DH000TX)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 19, Sep 8, 2022

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 216442

CONDITIONS

Operator: Maverick Permian LLC 1111 Bagby Street Suite 1600 Houston, TX 77002	OGRID: 331199
	Action Number: 216442
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan approved as written. Maverik Permian has 60-days (September 29, 2023) to submit its final closure report.	7/31/2023