TETRA TECH

April 10, 2024

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

Re: Remediation/Reclamation Report and Closure Request
Maverick Permian, LLC
EVGSAU 3202-021 Flowline Release
Unit Letter J, Section 32, Township 17 South, Range 35 East
Lea County, New Mexico
Incident ID# nPAC0605548324

Dear Sir or Madam,

Tetra Tech, Inc. (Tetra Tech) was initially contracted by ConocoPhillips to assess a historical release that occurred from a flowline associated with the East Vacuum Gray burg San Andres Unit (EVGSAU) 3202-021 well, Unit Letter J, Section 32, Township 17 South, Range 35 East, in Lea County, New Mexico (Site). The release occurred at coordinates 32.788487°, -103.477766° as shown in **Figures 1** and **Figure 2**. Maverick Permian, LLC (Maverick) acquired this site from ConocoPhillips in 2022 and contracted Tetra Tech to continue working on the site remediation.

BACKGROUND

According to the State of New Mexico C-141 Initial Report, the release was discovered on October 30, 2003. The release occurred due to external corrosion of a 3-inch flowline from the EVGSAU 3202-021 well, causing a release of approximately 40 barrels (bbls) of oil and 5 bbls of produced water. The released liquid pooled into a 120-foot by 54-foot area and an additional 30,735 square-foot area of vegetation was sprayed due to high-velocity winds. 35 bbls of oil and 3 bbls of produced water were reported as recovered during the initial response activities. The release notification was received by the New Mexico Oil Conservation District (NMOCD) and subsequently assigned the release Incident Identification (ID) nPAC0605548324. The release extent is shown in **Figure 3**.

SITE CHARACTERIZATION

Receptors

Tetra Tech performed a site characterization for the release location and did not identify any watercourses, sinkholes, playas, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains within the distances specified in 19.15.29.11 New Mexico Administrative Code (NMAC). Based on a review of the NMOCD Mapper, the site is in an area of low karst potential. One well (L-04829-S) is listed as a water well with permitted use as a Secondary Recovery of Oil listed in the New Mexico Office of the State Engineers (NMOSE) records. L-04829-S is recorded as approximately 920 feet south of the remediation footprint. Receptor characterization data are provided in **Attachment 1**.

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Depth to Groundwater

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are two (2) water wells within 800 meters (approximately ½ mile) of the Site. The average depth to groundwater is 77 feet (ft) below ground surface (bgs), however, the available groundwater depth data is greater than 25 years old from both water wells. The groundwater site characterization data is included in **Attachment 1**.

On August 25, 2021, Tetra Tech and a drilling contractor mobilized to the East Vacuum (GSA) Unit #004 (API 30-025-02979) Well Pad and installed a Depth-To-Water (DTW) boring to 55 feet bgs at 32.793424°, -103.482099°, approximately 0.42-miles north-northwest of the Site. The DTW boring did not identify groundwater in the upper 55 feet which verifies that groundwater is below 55 feet at the Site. The depth-to-water borelog is provided in **Attachment 2**.

Soils

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), the Site is mapped as having Kimbrough-Lea complex, dry, 0 to 3 percent slopes, which is classified as a Loam soil type. The USDA NCRS Soil Map and soil profile are provided in **Attachment 1**.

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 for Benzene, Toluene, Ethylbenzene, and Xylene (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 default to Reclamation Requirements for groundwater less than 50 feet bgs due to the proximity of a water well within 1,000 feet of the remediation area. Reclamation Requirements are as follows:

Reclamation Requirements

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

INITIAL RESPONSE AND ASSESSMENT ACTIVITIES

The release occurred due to external corrosion of a 3-inch flowline from the EVGSAU 3202-021 well, causing a release of approximately 40 bbls of oil and 5 bbls of produced water. Approximately 37,200 square foot area was impacted by the flowline release. According to site records, 38 bbls of fluids were recoverable during initial response activities. The approximate release area is shown in **Figure 3**.

On behalf of ConocoPhillips, BBC International Inc. (BBC) conducted an investigation at the EVGSAU 3202-021 flowline release area and documented their findings in the *Environmental Site Investigation* (ESI) report dated January 15, 2004. During this investigation, BBC collected three samples at depths of 1 foot bgs each where the released liquid had pooled, and one sample at a depth of 3 inches in the area where vegetation was sprayed. A

total of four (4) samples were submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of BTEX and TPH Gasoline Range Organics (GRO) and TPH Diesel Range Organics (DRO) only.

The BBC ESI reported that only the sample nearest the release point reported analytical results with concentrations greater than NMOCD guidelines for sites with groundwater depths greater than 50 feet. However, analytical results associated with all three locations in the pooled area reported constituents at concentrations as greater than the Reclamation Requirements for TPH of 100 mg/kg. Horizontal and vertical delineation of the release was not achieved during the initial BBC assessment. The ESI report concluded with the recommendation that only surface remediation be conducted at the Site. The NMOCD conditionally approved the remediation work plan presented in the ESI report in a letter dated February 11, 2004. There is no documentation that subsequent remedial actions were taken.

TETRA TECH SITE ASSESSMENT SUMMARY

Tetra Tech performed a visual Site inspection on behalf of COP in June 2020. During the inspection, the release area footprint was observed as discolored and lacking uniform vegetative cover. Photographic documentation of the visual Site inspection is included in Tetra Tech *Release Characterization and Remediation Work Plan* dated February 8, 2021 (Remediation Work Plan), available from the NMOCD Permitting portal under Incident ID nPAC0605548324.

Tetra Tech returned to the Site on behalf of COP in November 2020 to conduct soil sampling to complete vertical and horizontal delineation of the release. A total of five (5) borings (BH-1 through BH-5) were installed using an air rotary drilling rig. Two (2) borings (BH-1 and BH-2) were installed to depths of 20 feet bgs inside and immediately adjacent to the release extent, respectively.

Three (3) borings (BH-3, BH-4, and BH-5) were installed to depths of 4 feet bgs along the perimeter of the release extent to the west, north, and east, respectively. One (1) hand auger boring (AH-1) was advanced to a depth of 4 feet bgs on the southern perimeter of the release extent. Soils at the Site consist of approximately 1.5 feet of brown silty clay underlain by a caliche cap rock. **Figure 3** depicts the release extent and the November 2020 soil boring locations. Tetra Tech Site assessment location coordinates are presented in **Table 1.**

Soils were field screened for salinity using an ExTech EC400 ExStik and for volatile organics using a photoionization detector (PID) to determine sampling intervals. A total of 22 samples were collected from the six (6) borings (BH-1 through BH-5 and AH 1) and submitted to Pace National Laboratory in Mount Juliet, Tennessee (Pace), for analysis of BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method 300.0. The laboratory analytical data packages including chain-of-custody documentation are included in the Remediation Work Plan available from the NMOCD Permitting portal under Incident ID nPAC0605548324.

Results from the November 2020 soil sampling event are summarized in **Table 2**. Analytical results associated with boring location BH-1 reported concentrations greater than Reclamation Requirements for TPH in the 0-1 foot bgs sample interval. Analytical results associated with the 0-1 foot bgs and 3-4 foot bgs sample intervals at boring location BH-3 reported chloride concentrations as greater than the Site reclamation RRALs for TPH and chloride The analytical results associated with the remainder of the samples analyzed, including all samples collected from the perimeter borings (BH-3 through BH-5 and AH-1) reported concentrations of constituents as less than applicable Reclamation Requirements.

ARCHEOLOGICAL RECORDS MANAGEMENT SECTION REVIEW

To comply with 1.10.15 NMAC and New Mexico State Land Office (NMSLO) requirements, Tetra Tech contracted SWCA Environmental Consultants (SWCA) to perform an Archeological Records Management Section (ARMS) review for the remediation area. SWCA performed a literature and file search on September 21, 2023, using the New Mexico Cultural Resources Information System (NMCRIS) online database which included a review of known cultural resources, such as the built environment, archaeological sites, and State/National Register-listed properties. Other sources reviewed include the Bureau of Land Management (BLM) General Land Office (GLO) Records, which include land patent and general land office survey data. The review was conducted for the Area of Potential Effect (APE) and 1 km surrounding the APE. The land the proposed project is located on is part of the June 21, 1934: State Grant-School Sec Patent (48 Stat. 1185) patented on December 31, 1959.

The project area and surrounding 1 km have been subject to five (5) cultural resource surveys, three (3) of which are qualifying. One previously recorded site (LA 179703) is located outside of the project area but within the 1k search buffer. The project area is entirely located on NMSLO-managed lands and is completely covered by one (1) qualifying survey conducted within the last ten years (NMCRIS 131135). All remediation remained within the previously qualifying survey area. No cultural materials were identified during ground-disturbing activities, **Attachment 3.**

REMEDIATION WORK PLAN

Tetra Tech prepared the Remediation Work Plan for the release on behalf of the former operator (COP) and submitted the Remediation Work Plan to the NMOCD on February 28, 2021. Maverick took over operations of the site from ConocoPhillips in June of 2022. The Work Plan described the results of the release assessment and provided a characterization of the impact at the site and proposed reclamation and remediation areas and depths. The NMOCD rejected the Remediation Work Plan on April 19, 2023, with the following comments:

- "*The proposed remediation plan does not address the elevated TPH at BH3*";
- "*This release has not been laterally delineated at BH3 to meet the reclamation standards 19.15.29.13*"; and
- "*The NMOCD requires that this release be Remediated according to 19.15.29.12 NMAC and 19.15.29 13 NMAC as they apply to this release and resubmit a closure report by 07/18/2023*"

To address the NMOCD comments, Tetra Tech extended the excavation to encompass BH3 to remediate this area. An additional soil assessment sample was collected at BH-3 from 3-4 feet bgs [BH-3A (3-4')] to verify the previous results and determine if remediation below 2 feet bgs would be required at this location. The resample of this assessment location reported analytical concentrations of constituents as less than Reclamation Requirements as discussed below.

REMEDIATION AND CONFIRMATION SAMPLING

Excavation activities commenced on January 25, 2024, and concluded on February 8, 2024. Maverick's subcontractor, SDR Enterprises (SDR) used heavy equipment to excavate impacted soil from the remediation area to a maximum depth of 2 feet bgs. To avoid potential contact by heavy equipment with pressurized lines within the remediation area, heavy equipment was maintained at a distance of at least 2 feet from pressurized lines where hydro-excavation and hand-digging were employed. SDR excavated a total of 286 cubic yards of contaminated soil from an approximately 3,250-square-foot area and transported the soil to R360 Halfway Disposal and Landfill in Hobbs, New Mexico, for offsite disposal. Photographic documentation showing the open excavation is provided in **Attachment 5**.

Confirmation Sampling Notification

On January 11, 2024, Tetra Tech notified the NMOCD of the anticipated initial confirmation sampling through the submission of a C-141N Sampling Notification submission in the NMOCD Permitting portal and provided a subsequent C-141N Sampling Notification submission in the NMOCD Permitting portal on January 31, 2024 subsequent to conducting final sampling at the Site performed on February 5, 2024, in accordance with 19.15.29.12(D)(1)(a) NMAC and the *Energy, Minerals and Natural Resources Department (EMNRD) Notice Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions* dated December 1, 2023. Sample notifications are available in the NMOCD Portal under Incident ID nPAC0605548324.

Confirmation Sampling

Upon reaching the final lateral and vertical excavation extents of the excavation, Tetra Tech collected 17 final confirmation samples including seven (7) 5-point composite floor samples and 10 five-point composite side wall samples from the excavated areas. The remediation excavation confirmation sampling area was comprised of an approximately 3,250 square foot base and 560 square feet of sidewall for a total area of 3,810 square feet and a sampling density of approximately one confirmation sample per 225 square feet.

Samples were submitted to Cardinal Laboratory in Hobbs, New Mexico for analysis of BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method SM4500 CL-B. Initial side wall confirmation samples SW 2, SW 8, and SW 10 reported concentrations of chloride as greater than Reclamation Requirements and were subsequently over-excavated and additional sidewall confirmation samples were collected and submitted for laboratory analysis. Laboratory analytical results for final confirmation samples reported concentrations of BTEX, TPH, and chloride as less than respective Reclamation Requirements demonstrating clean margins.

Subsequent to the conclusion of remediation and backfill activities, Tetra Tech returned to the Site and advanced a Hand auger to 4 feet bgs at assessment location BH-3 located within the remediation footprint. Grab sample AH-3A (3-4') was collected from 3-4 feet bgs and submitted to Cardinal for analysis of BTEX, TPH, and chloride to verify whether remediation at BH-3 was complete. The laboratory analytical results for AH-3A (3-4') reported BTEX, TPH, and chloride concentrations as less than Reclamation Requirements.

Confirmation sample laboratory analytical results screened against Reclamation Requirements are summarized in **Table 3** and laboratory analytical data packages including chain of custody documentation remediation confirmation sampling are included in **Attachment 4**.

Excavation Backfill

Between February 6 and February 7, 2024, subsequent to the receipt of confirmation sample results, SDR completed backfilling of the excavated areas with clean soil and caliche. SDR sourced clean topsoil backfill from nearby pits to use as backfill. 92 cubic yards of topsoil and 12 cubic yards of caliche were sourced from Seth Boyd Pit and 184 cubic yards of topsoil was sourced from Danny Berry Pit.

Tetra Tech completed backfill validation sampling by collecting one 5-point composite sample of backfill material subsequent to excavation completion and submitting it to Cardinal for analysis of BTEX, TPH, and chloride. The laboratory analytical results reported BTEX, TPH, and chloride concentrations as less than Reclamation Requirements.

Validation sample laboratory analytical results screened against Reclamation Requirements are summarized in **Table 4** and laboratory analytical data packages including chain of custody documentation remediation confirmation sampling are included in **Attachment 4**. Photographic Documentation showing the backfilled areas and final grading after backfilling is provided in **Attachment 5**.

RECLAMATION AND REVEGETATION

To restore the impacted surface areas to the condition that existed prior to the release, the excavated areas have been backfilled with verified clean topsoil in pasture areas and clean caliche to restore the lease road on the western edge of the remediation excavation. The disturbed areas have been graded back to match the surrounding topography and the pre-existing conditions prior to contouring to provide erosion control, long-term stability, prevent ponding of water, and preserve surface water flow patterns.

Subsequent to restoring topography and contouring the disturbed areas, disturbed pasture areas of the Site were seeded with New Mexico State Land Office (NMSLO) Loamy (L) Sites Seed Mixture to aid in vegetation growth to complete reclamation in accordance with the Site soil profile detailed above in the Site Characterization Section. Seeding was broadcast and raked in per the specifications for broadcast application in pound pure live seed per acre according to the NMSLO Seed Mix Loamy (L) data sheet provided in **Attachment 6.**

Site inspections will be performed periodically 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.

Revegetation will be considered complete once uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels or a vegetative cover approved by NMSLO. Upon completion of Revegetation, Tetra Tech will prepare and submit a Revegetation Report in accordance with the *EMNRD Notice Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions* requirements.

CONCLUSION

Based on the results of the confirmation sampling, the impacted soil within the release footprint with chloride concentrations greater than Reclamation Requirements and/or RRALs has been removed and properly disposed of offsite and the excavated area has been backfilled with clean material, graded, and seeded with NMSLO approved seed mixture; therefore, Site remediation and reclamation is complete. If you have any questions concerning the remediation activities for the Site, please call me at (432) 770-1112.

Sincerely,

Chris Straub
Project 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

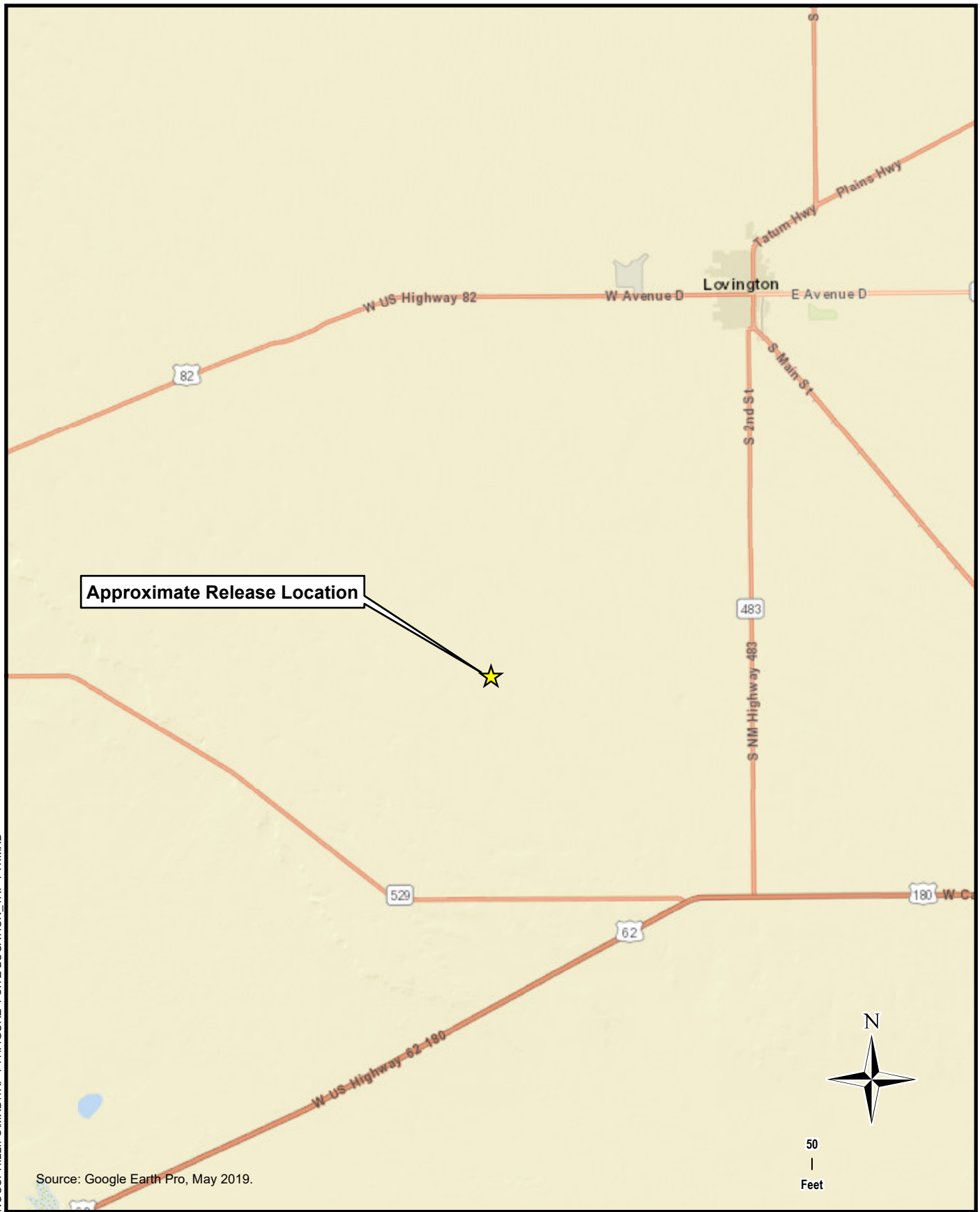
LIST OF ATTACHMENTS

Figures

Tables

Attachments

FIGURES



Source: Google Earth Pro, May 2019.

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\1RP-741\FIGURE 1 SITE LOCATION_1RP-741.MXD

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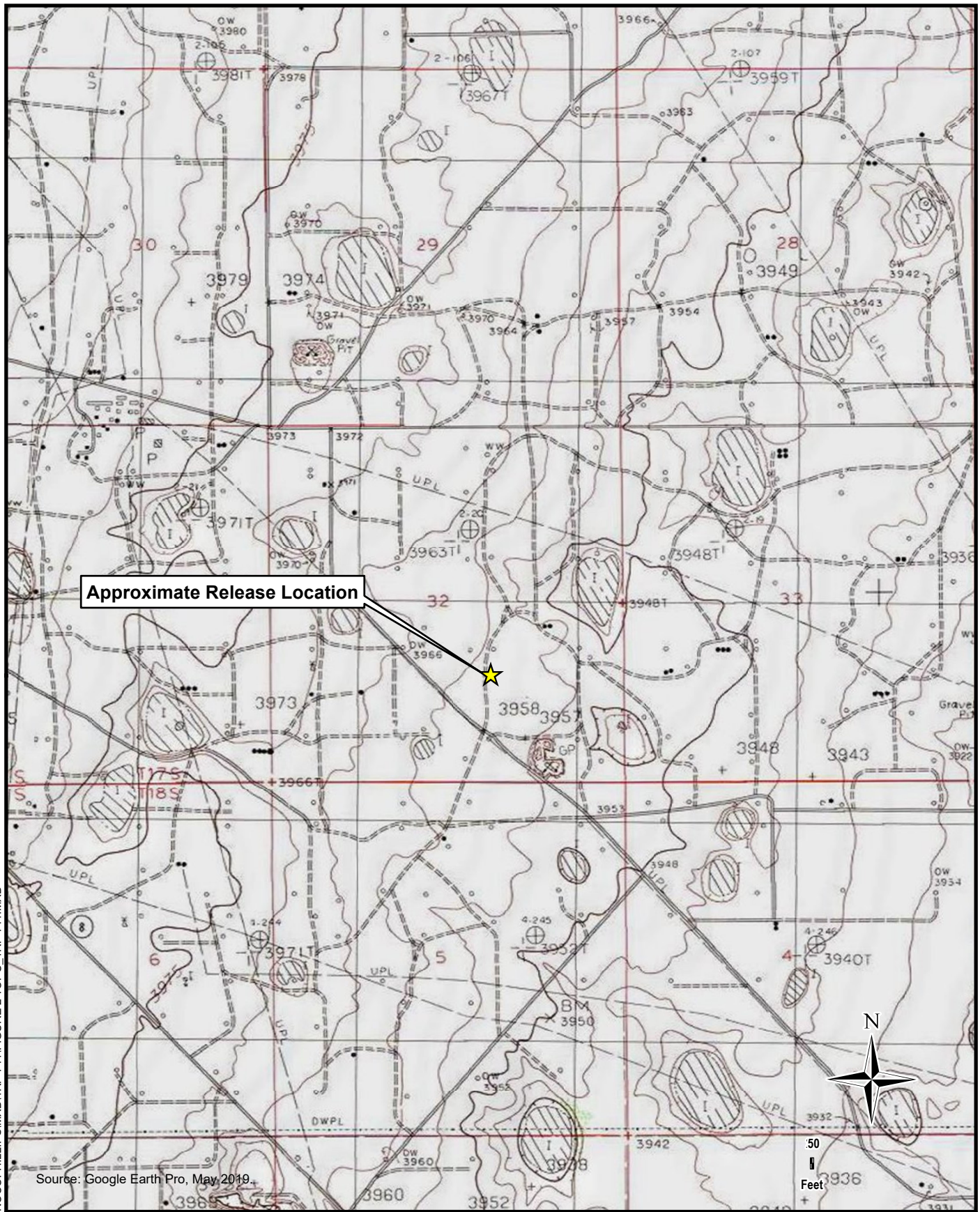
nPAC0605548324
(32.788484°, -103.477785°)
LEA COUNTY, NEW MEXICO

EVGSAU #3202-021 FLOWLINE RELEASE
SITE LOCATION MAP

PROJECT NO.:	212C-MD-03354
DATE:	FEBRUARY 28, 2024
DESIGNED BY:	AAM

Figure No.
1



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\1RP-741\FIGURE 2 TOPO_1RP-741.MXD

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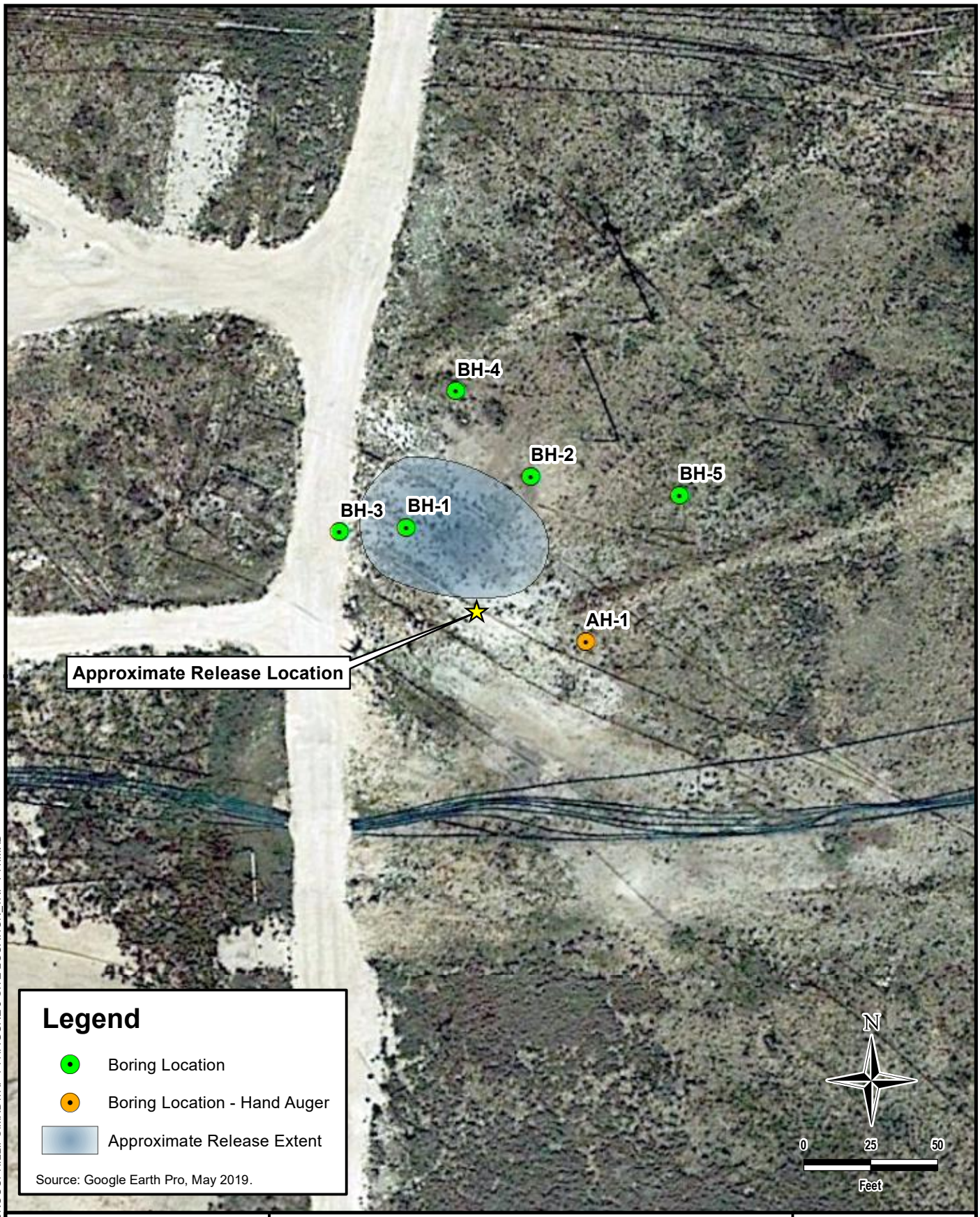
LEA COUNTY, NEW MEXICO

EVGSAU #3202-021 FLOWLINE RELEASE
TOPOGRAPHIC MAP

PROJECT NO.:	212C-MD-03354
DATE:	FEBRUARY 28, 2024
DESIGNED BY:	AAM

Figure No.
2



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\1RP-741\FIGURE 3 SITE LOCATION_1RP-741.MXD

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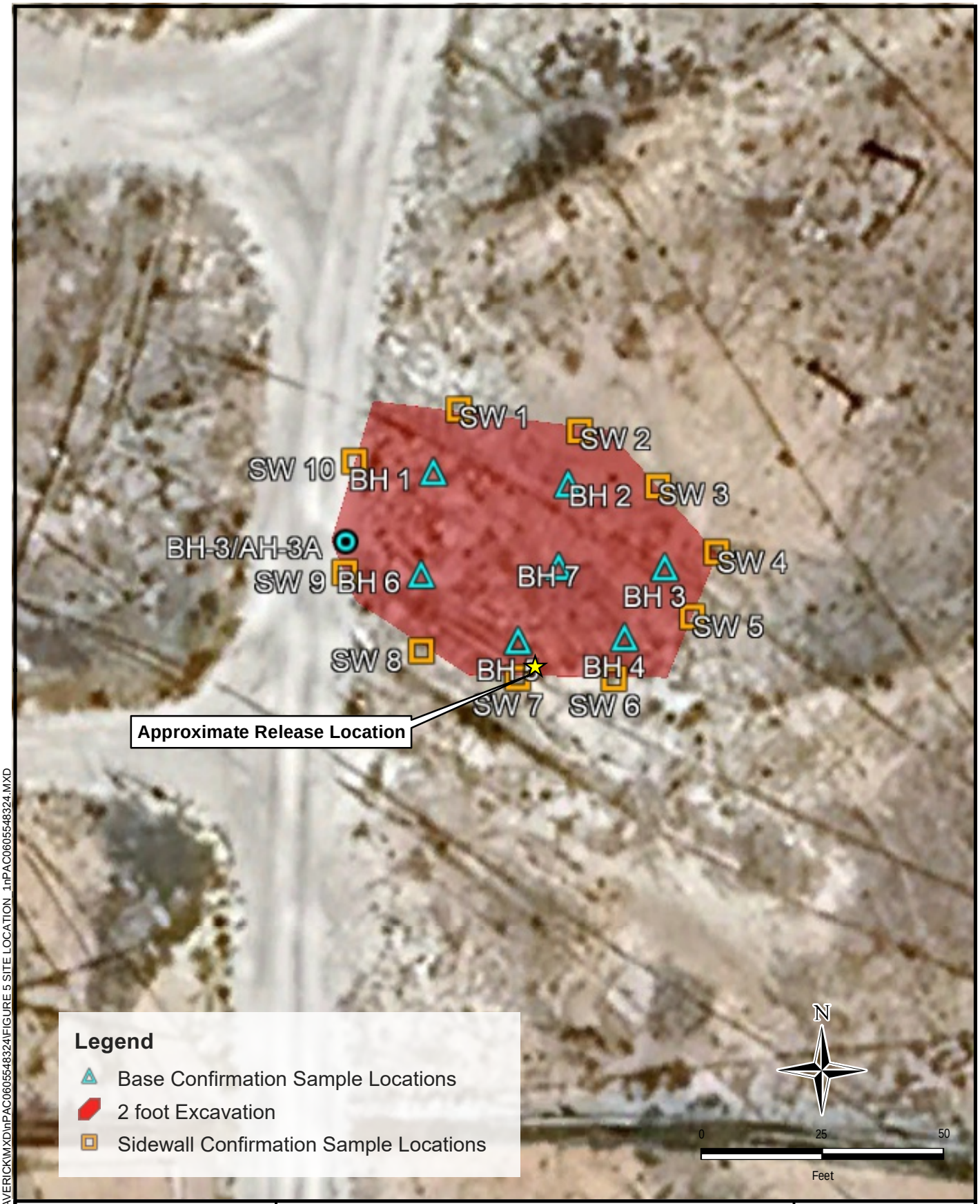
EVGSAU #3202-021 FLOWLINE RELEASE
RELEASE EXTENT AND SITE ASSESSMENT

PROJECT NO.:	212C-MD-03354
DATE:	FEBRUARY 28, 2024
DESIGNED BY:	AAM

Figure No.
3



DOCUMENT PATH: D:\MAVERICK\MXD\nPAC0605548324\FIGURE 5 SITE LOCATION_1nPAC0605548324.MXD

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LEA COUNTY, NEW MEXICO

EVGSAU #3202-021 FLOWLINE RELEASE
REMEDIATION EXTENT & CONFIRMATION SAMPLING

PROJECT NO.:	212C-MD-03354
DATE:	FEBRUARY 28, 2024
DESIGNED BY:	ACP

Figure No.
4

TABLES

TETRA TECH

TABLE 1
SOIL ASSESSMENT LOCATIONS
INCIDENT ID NPAC0605548324
MAVERICK PERMIAN, LLC
EVGSAU 3202-021 FLOWLINE RELEASE
LEA COUNTY, NEW MEXICO

Boring ID	Date	Latitude	Longitude
AH-1	11/9/2020	32.788452	-103.477652
BH-1	11/4/2020	32.788571	-103.477868
BH-2	11/4/2020	32.788622	-103.477717
BH-3	11/4/2020	32.788567	-103.477950
BH-4	11/4/2020	32.788711	-103.477806
BH-5	11/4/2020	32.788602	-103.477537

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TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENTS SAMPLING - INCIDENT NPAC0605548324
MAVERICK PERMIAN, LLC
EVGSAU 3202-021 FLOWLINE RELEASE
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride[1]		BTEX[2]										TPH[3]							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C_6 - C_{10}		DRO > C_{10} - C_{28}		ORO > C_{28} - C_{36}		Total TPH (GRO+DRO+ORO)	
		feet bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
Reclamation Requirements (19.15.29 NMAC)			**600**		**10**								**50**								**100**	
AH-1	11/9/2020	0.0 - 1.0	13.00	J	0.00113		0.000605	J	<0.000513		0.00116	J	0.002895		0.033	J	3.93	J	37.7		41.66	
	11/9/2020	3.0 - 4.0	< 20.6		0.00102	J	0.000564	J	<0.000514		0.000758		0.002342		0.0484	J	4.74		40.5		45.29	
BH-1	11/4/2020	0.0 - 1.0	220		<0.00104		<0.00518		<0.00259		0.000922	J	0.000922		< 0.102		21.9		94.5		**116.4**	
	11/4/2020	2.0 - 3.0	306		0.000549	J	<0.00523		<0.00261		<0.00680		0.000549		< 0.102		2.03	J	7.05		9.08	
	11/4/2020	4.0 - 5.0	153		0.00108		0.00541		0.00271		0.00703		-		< 0.104		< 4.16		1.49	J	1.49	
	11/4/2020	6.0 - 7.0	258		0.00109		0.00547		0.00274		0.00711		-		< 0.105		< 4.19		1.02	J	1.02	
	11/4/2020	9.0 - 10.0	29.8		0.00113		0.00563		0.00282		0.00732		-		0.0239	B J	< 4.25		0.694	J	0.7179	
	11/4/2020	14.0 - 15.0	16.0	J	0.00108		0.00541		0.0027		0.00703		-		0.0234	B J	< 4.16		0.34	J	0.3634	
	11/4/2020	19.0 - 20.0	12.5	J	0.00111		0.00556		0.00278		0.00722		-		< 0.106		< 4.22		< 4.22		-	
BH-2	11/4/2020	0.0 - 1.0	338		<0.00108		<0.00538		<0.00269		<0.00700				< 0.104		5.12		25.3		30.42	
	11/4/2020	2.0 - 3.0	234		<0.00106		<0.00529		<0.00265		<0.00688		-		< 0.103		1.76	J	8.62		10.38	
	11/4/2020	4.0 - 5.0	186		<0.00104		<0.00521		<0.0026		<0.00677		-		< 0.102		2.38	J	11.5		13.88	
	11/4/2020	6.0 - 7.0	248		<0.00107		<0.00533		<0.00267		<0.00693		-		< 0.103		< 4.13		4.85		4.85	
	11/4/2020	9.0 - 10.0	27.1		<0.00104		<0.00519		<0.00259		<0.00675		-		< 0.102		< 4.08		0.78	J	0.78	
	11/4/2020	14.0 - 15.0	10.1	J	<0.00104		<0.00520		<0.00260		0.00129	J	0.00129		< 0.102		< 4.08		5.51		5.51	
	11/4/2020	19.0 - 20.0	< 20.4		<0.00104		<0.00521		<0.00260		0.00104	J	0.00104		0.0383	B J	< 4.08		0.28	J	0.3183	
BH-3	11/4/2020	0.0 - 1.0	158		<0.00103		<0.00514		<0.00257		<0.00669		-		< 0.101		117		325		442	
	11/4/2020	3.0 - 4.0	**626**		<0.00107		<0.00534		<0.00267		<0.00694		-		< 0.103		53.9		159		**212.9**	
AH-3A (3-4')	4/5/2024	3.0 - 4.0	224		<0.050		<0.050		<0.050		<0.300		-		<10		<10		<10		-	
BH-4	11/4/2020	0.0 - 1.0	29.6		<0.00103		<0.00517		<0.00258		<0.00672		-		0.0262	B J	< 4.07		2.6	J	2.63	
	11/4/2020	3.0 - 4.0	32.9		<0.00105		<0.00523		<0.00262		<0.00680		-		0.0247	B J	< 4.09		0.77	J	0.79	
BH-5	11/4/2020	0.0 - 1.0	< 20.5		<0.00105		<0.00526		<0.00263		<0.00684		-		0.028	B J	2.38	J	11.6		14.01	
	11/4/2020	3.0 - 4.0	< 20.4		<0.00104		<0.00518		<0.00259		<0.00673		-		< 0.102		< 4.07		2.68	J	2.68	

NOTES:

bgs: Below ground surface
mg/kg: Milligrams per kilogram
TPH: Total Petroleum Hydrocarbons

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics

1: Method 300.0
2: Method 8260B
3: Method 8015M

Bold and highlighted values indicate exceedance of Reclamation Requirements (19.15.29 NMAC).
B: The same analyte is found in the associated blank
J: The reported value is an estimate

TETRA TECH

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SOIL CONFIRMATION SAMPLING - INCIDENT ID nPAC0605548324
MAVERICK PERMIAN, LLC
EVGSAU 3202-021 FLOWLINE RELEASE
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride[1]		BTEX[2]										TPH[3]							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C_6 - C_{10}		DRO > C_{10} - C_{28}		EXT DRO > C_{28} - C_{36}		Total TPH (GRO+DRO+EXT DRO)	
		feet bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
Reclamation Requirements (19.15.29 NMAC)			**600**		**10**								**50**								**100**	
AH-3A (3-4')	4/5/2024	3.0 - 4.0	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH 1 (2')	1/31/2024	2.0 - 2.5	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH 2 (2')	1/31/2024	2.0 - 2.5	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH 3 (2')	1/31/2024	2.0 - 2.5	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH 4 (2')	1/31/2024	2.0 - 2.5	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH 5 (2')	1/31/2024	2.0 - 2.5	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH 6 (2')	1/31/2024	2.0 - 2.5	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH 7 (2')	1/31/2024	2.0 - 2.5	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		10.2		<10.0		10.2	
SW 1	1/31/2024	0.0 - 2.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		39.7		41.7		81.4	
SW 2	1/31/2024	0.0 - 2.0	**1,070**		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		17.7		<10.0		17.7	
SW 2	2/5/2024	0.0 - 2.0	**80**		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 3	1/31/2024	0.0 - 2.0	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 4	1/31/2024	0.0 - 2.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 5	1/31/2024	0.0 - 2.0	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 6	1/31/2024	0.0 - 2.0	496		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 7	1/31/2024	0.0 - 2.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 8	1/31/2024	0.0 - 2.0	**1,360**		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 8	2/5/2024	0.0 - 2.0	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 9	1/31/2024	0.0 - 2.0	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 10	1/31/2024	0.0 - 2.0	**800**		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 10	2/5/2024	0.0 - 2.0	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

NOTES:

bgs: Below ground surface
mg/kg: Milligrams per kilogram
TPH: Total Petroleum Hydrocarbons

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
DRO EXT: Oil Range Organics

1: Method SM4500Cl-B
2: Method 8021B
3: Method 8015M

Bold and highlighted values indicate exceedance of Reclamation Requirements (19.15.29 NMAC).
Overexcavated laterally and resampled

TETRA TECH

TABLE 4
SUMMARY OF ANALYTICAL RESULTS
BACKFILL VALIDATION SAMPLING - INCIDENT ID nPAC0605548324
MAVERICK PERMIAN, LLC
EVGSAU 3202-021 FLOWLINE RELEASE
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride[1]		BTEX[2]										TPH[3]							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C_6 - C_{10}		DRO > C_{10} - C_{28}		EXT DRO > C_{28} - C_{36}		Total TPH (GRO+DRO+EXT DRO)	
		feet bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
Reclamation Requirements (19.15.29 NMAC)			**600**		**10**								**50**								**100**	
Backfill Validation	4/5/2024	0.0 - 2.0	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

NOTES:

bgs: Below ground surface
mg/kg: Milligrams per kilogram
TPH: Total Petroleum Hydrocarbons

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
DRO EXT: Oil Range Organics

1: Method SM4500Cl-B
2: Method 8021B
3: Method 8015M

Bold and highlighted values indicate exceedance of Reclamation Requirements (19.15.29 NMAC).

ATTACHMENT 1 – SITE CHARACTERIZATION DATA

EVGSAU 3202-021 Flowline Release OCD Well Locations

2/23/2024, 10:29:05 AM

Override 1

Wells - Large Scale

Injection, Active

Oil, Active

Oil, Cancelled

Oil, Plugged

Oil, Temporarily Abandoned

Karst Occurrence Potential

Low

PLSS Second Division

PLSS First Division

1:4,931

0 0.05 0.1 0.2 mi

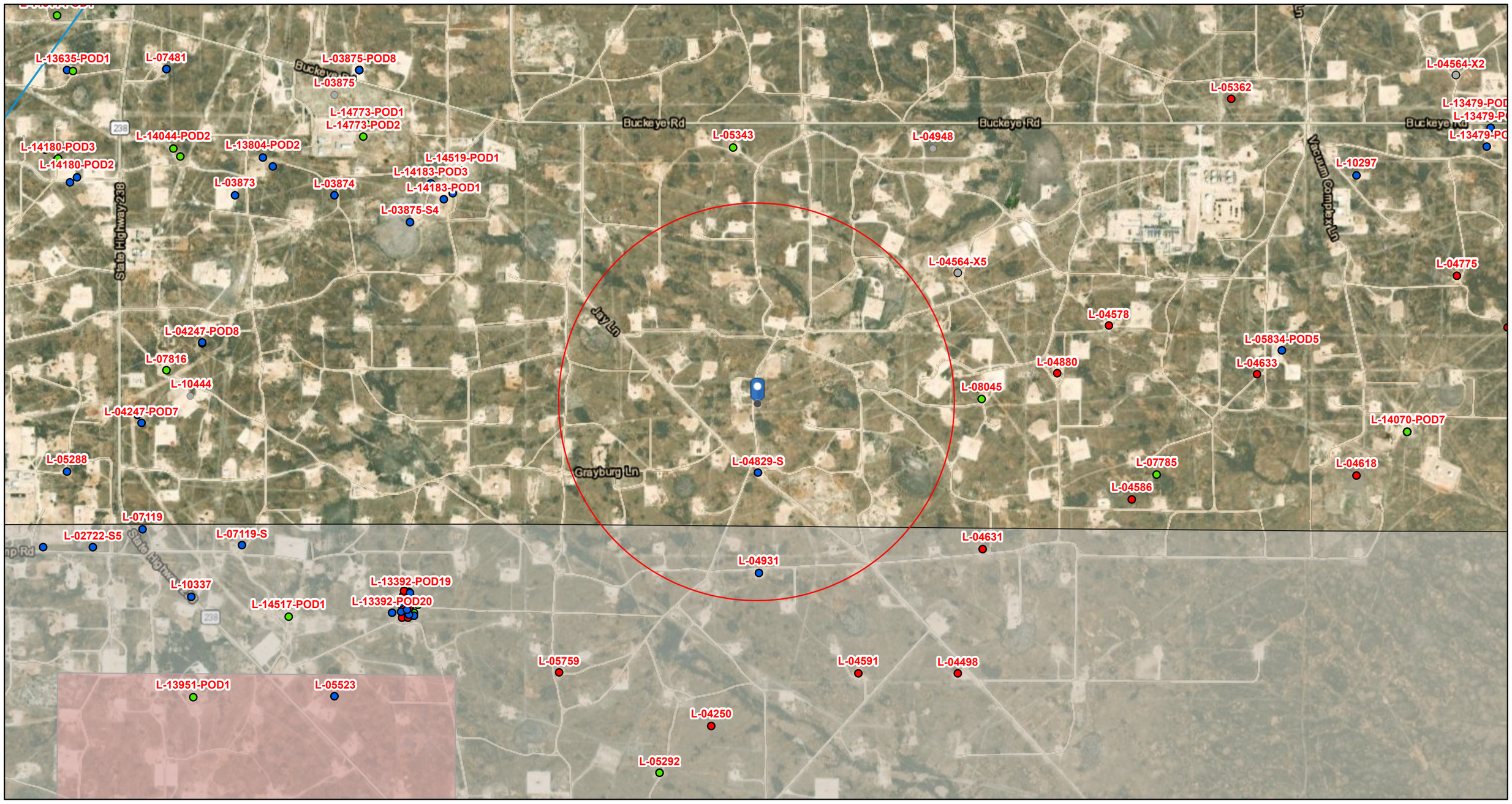
0 0.07 0.15 0.3 km

BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Esri, HERE, Garmin, iPC, Maxar, BLM

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

EVGSAU 3202-021 Flowline Release OSE POD Location Map



2/23/2024, 10:48:12 AM

1:18,056

GIS WATERS PODs

- Active
- Pending
- Inactive
- Capped
- Plugged

Water Right Regulations

- Critical Management Area - Guidelines
- Closure Area
- Artesian Planning Area

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.

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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 04829 S	L	LE	3	4	32	17S	35E	642554	3628586*		278	198	85	113
L 04931	L	LE	1	2	05	18S	35E	642561	3628183*		681	237	70	167

Average Depth to Water: **77 feet**

Minimum Depth: **70 feet**

Maximum Depth: **85 feet**

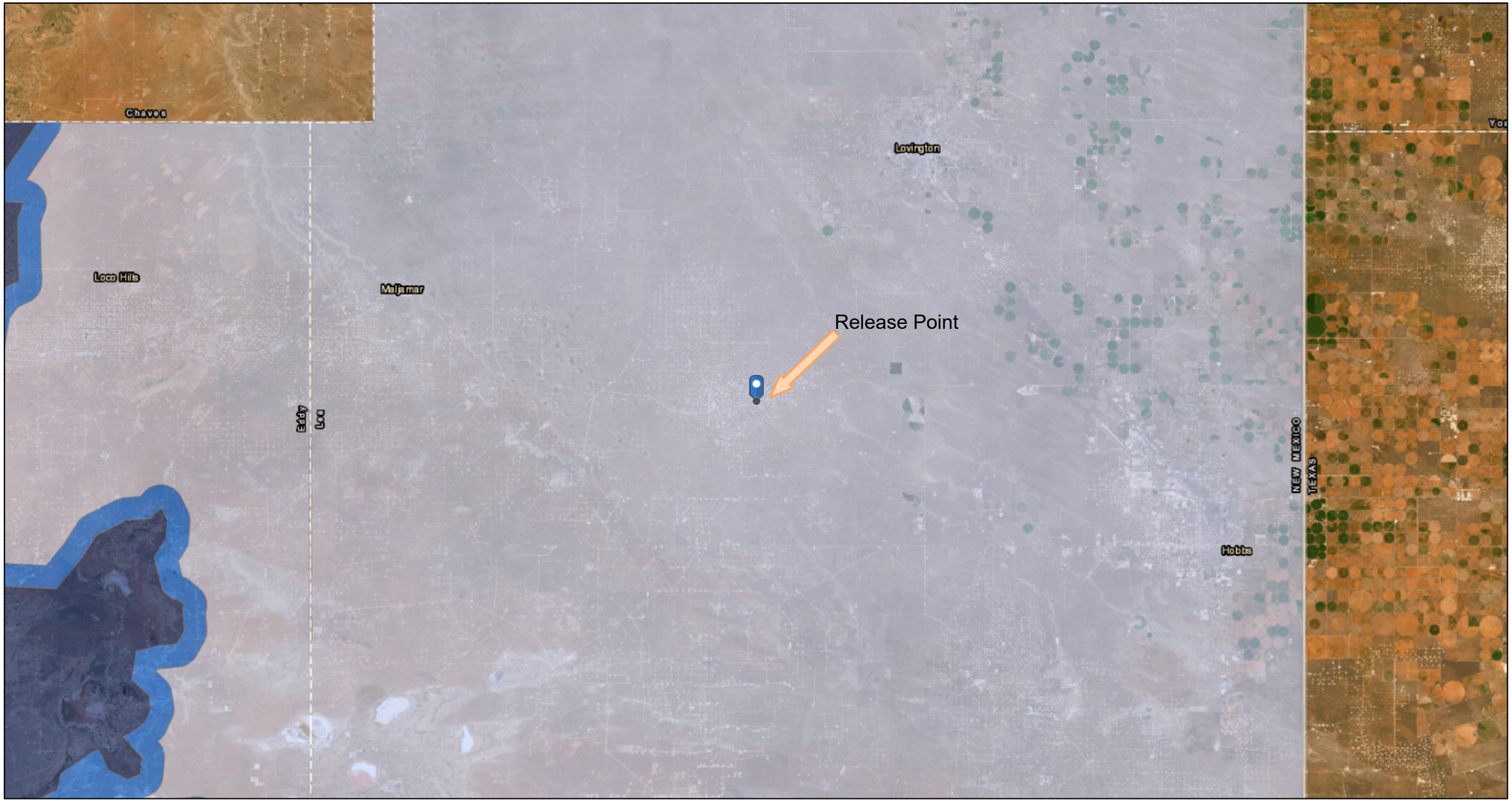
Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 642546.938 **Northing (Y):** 3628863.995 **Radius:** 800

***UTM location was derived from PLSS - see Help**

EVGSAU 3202-021 Flowline Release Karst Potential Map



2/23/2024, 10:38:53 AM

Override 1

Karst Occurrence Potential

High

Medium

Low

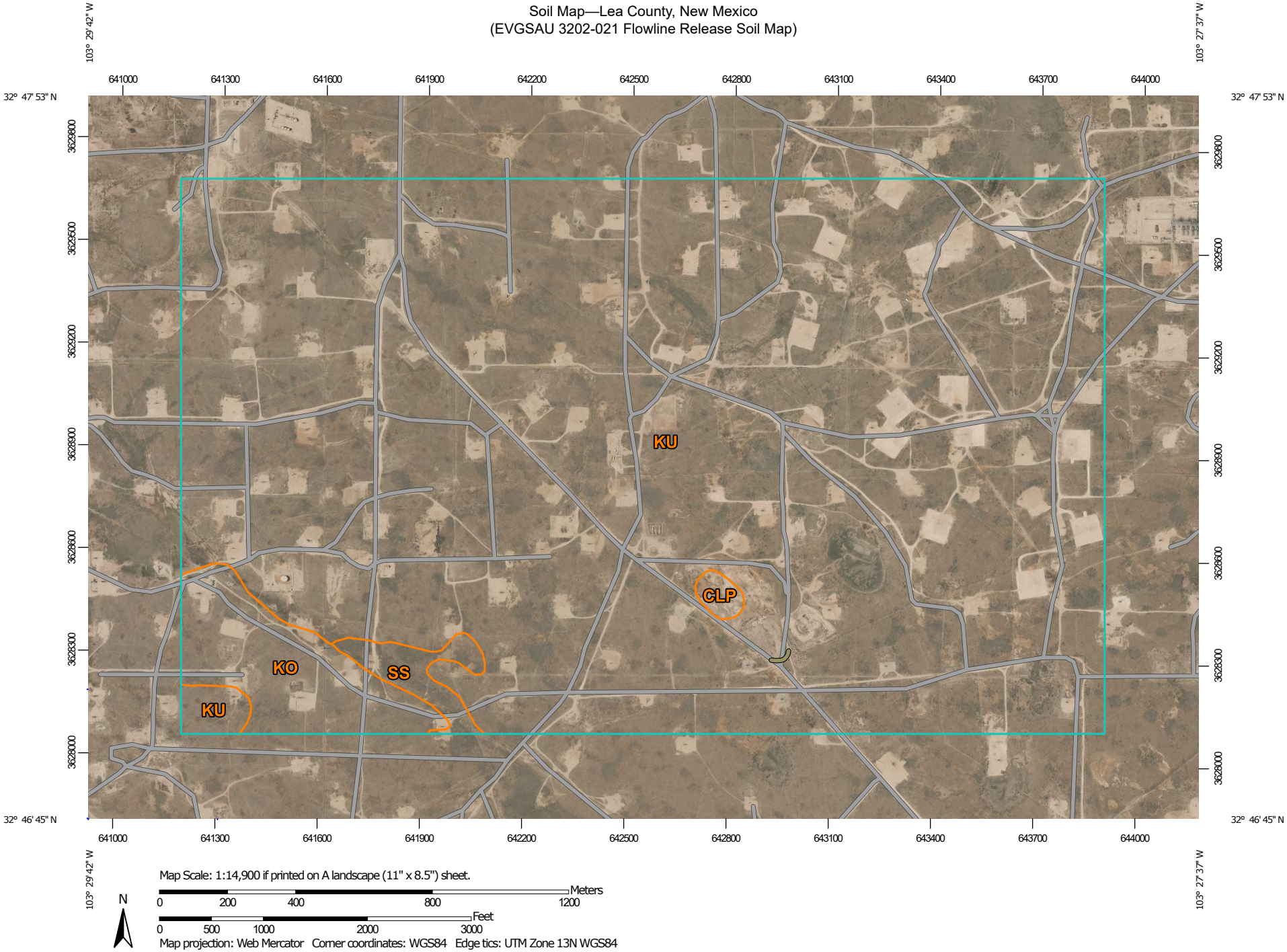
1:315,587

0 3.25 6.5 13 mi

0 5 10 20 km

BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Earthstar Geographics

Soil Map—Lea County, New Mexico
(EVGSAU 3202-021 Flowline Release Soil Map)



Soil Map—Lea County, New Mexico
(EVGSAU 3202-021 Flowline Release Soil Map)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CLP	Caliche pit	3.5	0.3%
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	49.4	4.5%
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	1,025.1	94.0%
SS	Stegall and Slaughter soils	12.8	1.2%
Totals for Area of Interest		**1,090.7**	**100.0%**

ATTACHMENT 2 – BORING LOGS

212C-MD-02377 | TETRA TECH | **LOG OF BORING DTGW-1** | Page 1 of 2

Project Name: EVGSAU 3236-004 DTGW Determination Bore

Borehole Location: GPS: 32.793424°, -103.482099° | Surface Elevation: 3972 ft

Borehole Number: DTGW-1 | Borehole Diameter (in.): 8 | Date Started: 8/25/2021 | Date Finished: 8/25/2021

WATER LEVEL OBSERVATIONS

While Drilling ▽ Dry ft Upon Completion of Drilling ▼ Dry ft

Remarks:

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm) ExStik	VOC FIELD SCREENING (ppm) PID	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT LL	PLASTICITY INDEX PI	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS
												-SM- SILTY SAND: Tan to light tan, loose to medium dense, dry, clayey in part.	1	
												-CALICHE- CALICHE: White, hard, heavily cemented with calcium carbonate, with abundant gravel, occ. boulders.		
5													6	
												-LS- LIMESTONE: Tan, hard, well-indurated, blocky, dry.	8	
												-CALICHE- CALICHE: White, hard, heavily cemented with calcium carbonate, with abundant gravel.		
10														
													14	
15												**-SM-** SILTY SAND: Tan, medium dense, moderately cemented, semi-consolidated, with trace gravel, dry.		
													18	
												-CALICHE- CALICHE: White, hard, heavily cemented with calcium carbonate, with abundant gravel.		
20														
													22	
												-LS- LIMESTONE: White, hard, well cemented, blocky, slabby, dry.		
25														
													26	
												-SM- SILTY SAND: Tan, dense, moderately cemented, grading to sandstone (SS), dry.		
30														

Sampler Types: Split Spoon, Shelby, Bulk Sample, Grab Sample, Acetate Liner, Vane Shear, Discrete Sample, Test Pit

Operation Types: Mud Rotary, Continuous Flight Auger, Wash Rotary, Hand Auger, Air Rotary, Direct Push, Core Barrel

Notes:

Surface elevation is an estimated value based on Google Earth data.

Logger: Joe Tyler | Drilling Equipment: Air Rotary | Driller: Scarborough Drilling

212C-MD-02377	TETRA TECH	LOG OF BORING DTGW-1	Page 2 of 2

Project Name: EVGSAU 3236-004 DTGW Determination Bore

Borehole Location: GPS: 32.793424°, -103.482099° | Surface Elevation: 3972 ft

Borehole Number: DTGW-1 | Borehole Diameter (in.): 8 | Date Started: 8/25/2021 | Date Finished: 8/25/2021

WATER LEVEL OBSERVATIONS

While Drilling ▽ Dry ft Upon Completion of Drilling ▼ Dry ft

Remarks:

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm) ExStik	VOC FIELD SCREENING (ppm) PID	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT LL	PLASTICITY INDEX PI	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS
35													38	
40												**-SS-** SANDSTONE: White to tan, dense to very dense, semi-consolidated, moderately to well cemented, little to no gravel, dry.		
45														
50													52	
55												**-SS-** SANDSTONE: White to tan, dense to very dense, moderately cemented, with gravel, dry.	55	

Bottom of borehole at 55.0 feet.

Sampler Types: Split Spoon, Acetate Liner, Shelby, Vane Shear, Bulk Sample, Discrete Sample, Grab Sample, Test Pit

Operation Types: Hand Auger, Mud Rotary, Air Rotary, Continuous Flight Auger, Direct Push, Wash Rotary, Core Barrel

Notes: Surface elevation is an estimated value based on Google Earth data.

Logger: Joe Tyler | Drilling Equipment: Air Rotary | Driller: Scarborough Drilling

ATTACHMENT 3 ARMS REVIEW

SWCA ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.®

7770 Jefferson Street NE, Suite 410
Albuquerque, New Mexico 87109
Tel 505.254.1115 Fax 505.254.1116
www.swca.com

October 3, 2023

TO: Ethan Ortega, Division Director & Archaeologist, New Mexico State Land Office, Santa Fe, New Mexico

FROM: SWCA Environmental Consultants

SUBJECT: Completion of an Archaeological Records Management Section (ARMS) Review for the EVGSAU 3202-021 Flowline Inadvertent Release Project on New Mexico State Land Office (NMSLO) lands in Lea County, New Mexico

Company Ref No: None-Provided

PROJECT DESCRIPTION:

Tetra Tech, Inc. has requested that SWCA Environmental Consultants (SWCA) conduct an Archaeological Resources Management Section (ARMS) review for an inadvertent release in Lea County, New Mexico. The proposed project is located on lands managed by the New Mexico State Land Office (NMSLO) approximately 20.1 kilometers (12.5 miles) southwest of Lovington, NM in T17S R35E, Section 32.

A literature and file search were conducted on September 21, 2023, using the New Mexico Cultural Resources Information System online database which included a review of known cultural resources, such as the built environment, archaeological sites, and State/National Register listed properties. Other sources reviewed include the BLM GLO Records web site, http://www.glorecords.blm.gov, which include land patent and general land office survey data. As this area was not settled by Spain, land grant records were not reviewed. The review was conducted for the Area of Potential Effect (APE) and 1 km surrounding the APE. The land the proposed project is located on is part of the June 21, 1934: State Grant-School Sec Patent (48 Stat. 1185) patented on December 31, 1959.

Recommendation:

The project area and surrounding 1 km have been subject to five (5) cultural resource surveys, three (3) of which are qualifying. One previously recorded site (LA 179703) is located outside of the project area but within the 1k search buffer. The project area is entirely located on NMSLO-managed lands and is completely covered by one (1) qualifying survey conducted within the last ten years (NMCRIS 131135). All remediation work will remain within the previously qualifying survey area. SWCA recommends the completion of an ARMS letter to satisfy the requirements of release remediation. If cultural materials are identified during ground disturbing activities, work must stop and the NMSLO must be contacted.

Information regarding the findings can be found in Tables 1-2 and Figure 1.

Archaeologist
Paisley DeFreese
Attached: (1) Review Results, (1) ARMS Map

ATTACHMENT 4 – LABORATORY ANALYTICAL DATA

CARDINAL Laboratories

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

February 28, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 3202-029

Enclosed are the results of analyses for samples received by the laboratory on 02/01/24 10:00.

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

Cardinal Laboratories is accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH 1 (2')	H240467-01	Soil	31-Jan-24 00:00	01-Feb-24 10:00
BH 2 (2')	H240467-02	Soil	31-Jan-24 00:00	01-Feb-24 10:00
BH 3 (2')	H240467-03	Soil	31-Jan-24 00:00	01-Feb-24 10:00
BH 4 (2')	H240467-04	Soil	31-Jan-24 00:00	01-Feb-24 10:00
BH 5 (2')	H240467-05	Soil	31-Jan-24 00:00	01-Feb-24 10:00
BH 6 (2')	H240467-06	Soil	31-Jan-24 00:00	01-Feb-24 10:00
BH 7 (2')	H240467-07	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 1	H240467-08	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 2	H240467-09	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 3	H240467-10	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 4	H240467-11	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 5	H240467-12	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 6	H240467-13	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 7	H240467-14	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 8	H240467-15	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 9	H240467-16	Soil	31-Jan-24 00:00	01-Feb-24 10:00
SW 10	H240467-17	Soil	31-Jan-24 00:00	01-Feb-24 10:00

02/28/24 - Client found a login error on the sample ID for -06. This is the revised report and will replace the one sent on 02/02/24.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

BH 1 (2')

H240467-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**128**		16.0	mg/kg	4	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.4 %*	*71.5-134*		*4020103*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*90.4 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*92.6 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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CARDINAL Laboratories

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

BH 2 (2')

H240467-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.5 %*	*71.5-134*		*4020103*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*87.6 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*88.7 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

BH 3 (2')

H240467-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.0 %*	*71.5-134*		*4020103*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*103 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*106 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

BH 4 (2')

H240467-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.2 %*	*71.5-134*		*4020103*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*92.1 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.7 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

BH 5 (2')

H240467-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020103	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.1 %*	*71.5-134*		*4020103*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*112 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*114 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

BH 6 (2')

H240467-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*118 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*125 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

BH 7 (2')

H240467-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	**10.2**		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*112 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*116 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 1

H240467-08 (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	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	**39.7**		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	**41.7**		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*106 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*113 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 2

H240467-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1070**		16.0	mg/kg	4	4020131	CT	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	**17.7**		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*108 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*115 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 3

H240467-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	4020129	AC	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*122 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*128 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 4

H240467-11 (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	4020129	AC	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*117 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*105 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*122 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 5

H240467-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	4020129	AC	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.6 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*114 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*121 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 6

H240467-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**496**		16.0	mg/kg	4	4020129	AC	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*110 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*115 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 7

H240467-14 (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	4020129	AC	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*109 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*115 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 8

H240467-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1360**		16.0	mg/kg	4	4020129	AC	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*127 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*136 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 9

H240467-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**480**		16.0	mg/kg	4	4020129	AC	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*117 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*122 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

SW 10

H240467-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**800**		16.0	mg/kg	4	4020129	AC	01-Feb-24	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4020118	JH	01-Feb-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*71.5-134*		*4020118*	JH	*01-Feb-24*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4020116	MS	01-Feb-24	8015B	
Surrogate: 1-Chlorooctane			*120 %*	*48.2-134*		*4020116*	MS	*01-Feb-24*	*8015B*	
Surrogate: 1-Chlorooctadecane			*125 %*	*49.1-148*		*4020116*	MS	*01-Feb-24*	*8015B*	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020129 - 1:4 DI Water										
Blank (4020129-BLK1)				Prepared & Analyzed: 01-Feb-24						
Chloride	ND	16.0	mg/kg							
LCS (4020129-BS1)				Prepared & Analyzed: 01-Feb-24						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4020129-BSD1)				Prepared & Analyzed: 01-Feb-24						
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 4020131 - 1:4 DI Water										
Blank (4020131-BLK1)				Prepared & Analyzed: 01-Feb-24						
Chloride	ND	16.0	mg/kg							
LCS (4020131-BS1)				Prepared & Analyzed: 01-Feb-24						
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (4020131-BSD1)				Prepared & Analyzed: 01-Feb-24						
Chloride	416	16.0	mg/kg	400		104	80-120	7.41	20	
Matrix Spike (4020131-MS1)		**Source: H240456-10**		Prepared & Analyzed: 01-Feb-24						
Chloride	496	16.0	mg/kg	400	96.0	100	80-120			

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

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 4020103 - Volatiles										
Blank (4020103-BLK1)				Prepared & Analyzed: 01-Feb-24						
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*		*98.2*	*71.5-134*			
LCS (4020103-BS1)				Prepared & Analyzed: 01-Feb-24						
Benzene	2.15	0.050	mg/kg	2.00		107	82.8-130			
Toluene	2.13	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	85.9-128			
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	89-129			
o-Xylene	2.06	0.050	mg/kg	2.00		103	86.1-125			
Total Xylenes	6.18	0.150	mg/kg	6.00		103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0485*		mg/kg	*0.0500*		*97.1*	*71.5-134*			
LCS Dup (4020103-BSD1)				Prepared & Analyzed: 01-Feb-24						
Benzene	2.11	0.050	mg/kg	2.00		106	82.8-130	1.74	15.8	
Toluene	2.09	0.050	mg/kg	2.00		105	86-128	1.80	15.9	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	85.9-128	1.60	16	
m,p-Xylene	4.04	0.100	mg/kg	4.00		101	89-129	1.81	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		102	86.1-125	1.42	16.7	
Total Xylenes	6.07	0.150	mg/kg	6.00		101	88.2-128	1.68	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0488*		mg/kg	*0.0500*		*97.5*	*71.5-134*			
Batch 4020118 - Volatiles										
Blank (4020118-BLK1)				Prepared & Analyzed: 01-Feb-24						
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							

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

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 4020118 - Volatiles										
Blank (4020118-BLK1)				Prepared & Analyzed: 01-Feb-24						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0520*		mg/kg	*0.0500*		*104*	*71.5-134*			
LCS (4020118-BS1)				Prepared & Analyzed: 01-Feb-24						
Benzene	2.16	0.050	mg/kg	2.00		108	82.8-130			
Toluene	2.20	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.22	0.050	mg/kg	2.00		111	85.9-128			
m,p-Xylene	4.39	0.100	mg/kg	4.00		110	89-129			
o-Xylene	2.20	0.050	mg/kg	2.00		110	86.1-125			
Total Xylenes	6.59	0.150	mg/kg	6.00		110	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0496*		mg/kg	*0.0500*		*99.2*	*71.5-134*			
LCS Dup (4020118-BSD1)				Prepared & Analyzed: 01-Feb-24						
Benzene	1.99	0.050	mg/kg	2.00		99.5	82.8-130	8.20	15.8	
Toluene	2.01	0.050	mg/kg	2.00		101	86-128	8.91	15.9	
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	85.9-128	5.59	16	
m,p-Xylene	4.19	0.100	mg/kg	4.00		105	89-129	4.60	16.2	
o-Xylene	2.10	0.050	mg/kg	2.00		105	86.1-125	4.94	16.7	
Total Xylenes	6.29	0.150	mg/kg	6.00		105	88.2-128	4.71	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0531*		mg/kg	*0.0500*		*106*	*71.5-134*			

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: EVGSAU 3202-029 Project Number: 212C - MD - 03313 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946	Reported: 28-Feb-24 13:37

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020116 - General Prep - Organics										
Blank (4020116-BLK1)				Prepared & Analyzed: 01-Feb-24						
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	*46.6*		mg/kg	*50.0*		*93.2*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*47.5*		mg/kg	*50.0*		*95.0*	*49.1-148*			
LCS (4020116-BS1)				Prepared & Analyzed: 01-Feb-24						
GRO C6-C10	199	10.0	mg/kg	200		99.4	66.4-123			
DRO >C10-C28	188	10.0	mg/kg	200		94.1	66.5-118			
Total TPH C6-C28	387	10.0	mg/kg	400		96.7	77.6-123			
Surrogate: 1-Chlorooctane	*47.9*		mg/kg	*50.0*		*95.8*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*46.1*		mg/kg	*50.0*		*92.3*	*49.1-148*			
LCS Dup (4020116-BSD1)				Prepared & Analyzed: 01-Feb-24						
GRO C6-C10	197	10.0	mg/kg	200		98.6	66.4-123	0.763	17.7	
DRO >C10-C28	180	10.0	mg/kg	200		90.2	66.5-118	4.18	21	
Total TPH C6-C28	378	10.0	mg/kg	400		94.4	77.6-123	2.41	18.5	
Surrogate: 1-Chlorooctane	*49.5*		mg/kg	*50.0*		*99.0*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*47.0*		mg/kg	*50.0*		*94.1*	*49.1-148*			

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name:	TetraTech	**BILL TO**	
Project Manager:	Chuck Terhune	P.O. #:	
Address:		Company:	Mavencle
City:	State: Zip:	Attn:	Bryce Waggoner
Phone #:	Fax #:	Address:	
Project #:	212C-MD-03313 Project Owner:	City:	Hobbs
Project Name:	Evgsau 3202-029	State: Zip:	
Project Location:	Lea Co., NM	Phone #:	
Sampler Name:	AG	Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chlorides	BTEX	TPH
H24004671											✓						
1	BH 1 (2')		1			X					X		1/31		X	X	X
2	BH 2 (2')		1			X					X						
3	BH 3 (2')		1			X					X						
4	BH 4 (2')		1			X					X						
5	BH 5 (2')		1			X					X						
6	BH 6 (2')		1			X					X						
7	BH 7 (2')		1			X					X						
8	SW 1		1			X					X						
9	SW 2		1			X					X						
10	SW 3		1			X					X						

Relinquished By:	Date: 2/1/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1000		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 2.9	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑ 24 HR
Sampler - UPS - Bus - Other:	Corrected Temp. °C			Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name:	Tetra Tech	**BILL TO** P.O. #:	
Project Manager:	Chuck Terhune	Company:	Mavrenca
Address:		Attn:	Bryce W.
City:	State: Zip:	Address:	
Phone #:	Fax #:	City:	
Project #:	212c-MD-03313 Project Owner:	State: Zip:	
Project Name:	Ergon 3202-029	Phone #:	
Project Location:	Lea Co NM	Fax #:	
Sampler Name:	AG		

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chloride	TPH	BTEX
H2404467																	
11	SW 4		1			X	~~X~~				X		1/31		X	X	X
12	SW 5		1			X	~~X~~				X				X	X	X
13	SW 6		1			X					X				X	X	X
14	SW 7		1			X					X				X	X	X
15	SW 8		1			X					X				X	X	X
16	SW 9		1			X					X				X	X	X
17	SW 10		1			X					X				X	X	X

Relinquished By:	Date: 2/1/24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1000		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 2.9C	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☒
Sampler - UPS - Bus - Other:	Corrected Temp. °C	☐ Yes ☐ Yes ☐ No ☐ No		Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

24 HR

FORM-006 R 3.4 07/11/23

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

CARDINAL Laboratories

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

February 06, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 3202-021

Enclosed are the results of analyses for samples received by the laboratory on 02/05/24 10:56.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 3202-021	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03313	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: SW - 2 (H240525-01)

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	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	229	114	200	1.29	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	218	109	200	0.937	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *94.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 3202-021	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03313	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: SW - 8 (H240525-02)

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	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	229	114	200	1.29	
DRO >C10-C28*	**10.3**	10.0	02/06/2024	ND	218	109	200	0.937	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *89.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 3202-021	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03313	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: SW - 10 (H240525-03)

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	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	229	114	200	1.29	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	218	109	200	0.937	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *83.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Page 6 of 6

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: Maverick Natural Resources	Site Manager: Chuck Terhune
Project Name: EVGSAU 3202-021	281-755-8965 chuck.terhune@tetratech.com
Project Location: (county, state) Lea County, NM	Project #: 212C-MD-03313
Invoice to: Attn: Chuck Terhune	
Receiving Laboratory: Cardinal Labs	Sampler Signature: Jorge Fernandez
Comments:	

H240525

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)
1	SW-2	2/5/2024			x				x				
2	SW-8	2/5/2024			x				x				
3	SW-10	2/5/2024			x				x				

ANALYSIS REQUEST (Circle or Specify Method No.)

BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	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				Hold
x		x												x							
x		x												x							
x		x												x							
x		x												x							

Relinquished by: Date: 2-5-24 Time: 1055

Received by: Date: 2/5/24 Time: 1056

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature 4.9°C #140

REMARKS: Standard TAT

[X] RUSH: Same Day (24 hr) 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

CARDINAL Laboratories

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

April 10, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 3202

Enclosed are the results of analyses for samples received by the laboratory on 04/05/24 13:40.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/05/2024	Sampling Date:	04/05/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	EVGSAU 3202	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03354	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: AH - 3A (3-4') (H241792-01)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	04/09/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	191	95.7	200	4.78	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	207	103	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane *72.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Maverick Natural Resources	Site Manager:	Chuck Terhune
Project Name:	EVGSAU 3202		281-755-8965 chuck.terhune@tetratech.com
Project Location: (county, state)	Lea County, NM	Project #:	212C-MD-03354
Invoice to:	Attn: Chuck Terhune		
Receiving Laboratory:	Cardinal Labs	Sampler Signature:	Jorge Fernandez
Comments:	Include : Chris Straub Chris.Straub@tetratech.com		

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	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	Sulfate TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H241798																													
1	AH-3A (3-4')	4/5/2024			x			x			x		x													x				

Relinquished by: Date: Time: 1340

Received by: Date: 4-5-24 Time: 1340

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature 1.7°

#140

REMARKS: Standard TAT

RUSH: Same Day 24 hr ~~48 hr~~ 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

CARDINAL Laboratories

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

April 10, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 3202

Enclosed are the results of analyses for samples received by the laboratory on 04/05/24 13:40.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	04/05/2024	Sampling Date:	04/05/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	EVGSAU 3202	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03354	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK - LEA COUNTY, NM		

Sample ID: BACKFILL VALIDATION (H241791-01)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/09/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	191	95.7	200	4.78	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	207	103	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane *76.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *68.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Page 4 of 4

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: Maverick Natural Resources	Site Manager: Chuck Terhune
Project Name: EVGSAU 3202	281-755-8965 chuck.terhune@tetratech.com
Project Location: (county, state) Lea County, NM	Project #: 212C-MD-03354
Invoice to: Attn: Chuck Terhune	
Receiving Laboratory: Cardinal Labs	Sampler Signature: Jorge Fernandez
Comments: Include : Chris Straub Chris.Straub@tetratech.com	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	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				Hold
H241791																																			
1	Backfill Validation	4/5/2024			X				X					X		X												X							

Relinquished by: Date: 4-5-24 Time: 1340

Received by: Date: 4-5-24 Time: 1340

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature #140

1.7°C

REMARKS: Standard TAT

RUSH: Same Day 24 hr (48 hr) 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

ATTACHMENT 5 – PHOTOGRAPHIC DOCUMENTATION

SW W NW N

210 240 270 300 330 0

282°W (T) 32.788524°N, 103.477621°W ±13ft ▲ 3976ft

Excavation
Maverick

EVGSAU #3202-021 FLOWLINE RELEASE
31 Jan 2024, 13:40:51

SW W NW N NE
240 270 300 330 0 30

316°NW (T) 32.788484°N, 103.477687°W ±9ft ▲ 3999ft

Excavation
Maverick

EVGSAU #3202-021 FLOWLINE RELEASE
31 Jan 2024, 13:41:14


N
NE
E
SE
0
30
60
90
120
150
81°E (T) 32.788579°N, 103.477967°W ±13ft 3978ft
Excavation
Maverick
EVGSAU #3202-021 FLOWLINE RELEASE
31 Jan 2024, 13:41:51

N NE E SE
0 30 60 90 120 150

81°E (T) 32.788587°N, 103.477952°W ±13ft 3974ft

Excavation
Maverick

EVGSAU #3202-021 FLOWLINE RELEASE
31 Jan 2024, 13:41:56

E SE S SW
60 90 120 150 180 210

143°SE (T) 32.788706°N, 103.477905°W ±13ft 3973ft

Excavation
Maverick

EVGSAU #3202-021 FLOWLINE RELEASE
31 Jan 2024, 13:42:25

SW 210 240 W 270 300 NW 330 N 0 30

296°NW (T) **LAT:** 32.788512 **LON:** -103.477650 ±4m ▲1209m

Site Remediation
Tetra Tech

- Maverick- EVGSAU 3202
Feb 08 2024, 13:05:04 MST

S 180 SW 210 240 W 270 NW 300 330

255°W (T) **LAT:** 32.788605 **LON:** -103.477653 ±4m ▲ 1210m

Site Remediation
Tetra Tech

Maverick- EVGSAU 3202
Feb 08 2024, 13:05:18 MST

SE S SW W

120 150 180 210 240 270

198°S (T) **LAT:** 32.788727 **LON:** -103.477761 ±4m ▲ 1210m

Lovington NM

315°NW (T) **LAT:** 32.788515 **LON:** -103.477662 ±13ft ▲ 3964ft


Lovington NM
99°E (T) LAT: 32.788720 LON: -103.477940 ±13ft ▲ 3959ft
Evgsau 3202-21
20 May 2024, 14:30:10


Lovington NM
96°E (T) LAT: 32.788619 LON: -103.477963 ±9ft ▲ 3982ft
Evgsau 3202-21
20 May 2024, 14:29:45

East Elevation

291°W (T) **LAT:** 32.788536 **LON:** -103.477682 ±13ft ▲ 3959ft

East Elevation

283°W (T) **LAT:** 32.788498 **LON:** -103.477762 ±13ft ▲ 3968ft

South East Elevation

310°NW (T) **LAT:** 32.788575 **LON:** -103.477593 ±13ft ▲ 3962ft

East Elevation

279°W (T) **LAT:** 32.788575 **LON:** -103.477596 ±13ft ▲ 3963ft

North West Elevation

148°SE (T) **LAT:** 32.788661 **LON:** -103.477947 ±13ft ▲ 3964f

ATTACHMENT 6 – SEED MIXTURE DETAILS

NMSLO Seed Mix Loamy (L)

LOAMY (L) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Black grama	**VNS, Southern**	**1.0**	**D**
Blue grama	**Lovington**	**1.0**	**D**
Sideoats grama	**Vaughn, El Reno**	**4.0**	**F**
Sand dropseed	**VNS, Southern**	**2.0**	**S**
Alkali sacaton	**VNS, Southern**	**1.0**	
Little bluestem	**Cimarron, Pastura**	**1.5**	**F**
Forbs:			
Firewheel (*Gaillardia*)	**VNS, Southern**	**1.0**	**D**
Shrubs:			
Fourwing saltbush	**Marana, Santa Rita**	**1.0**	**D**
Common winterfat	**VNS, Southern**	**0.5**	**F**
	Total PLS/acre	**18.0**	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at http://plants.usda.gov.

3 REVEGETATION PLANS & SEEDING

The following Revegetation Plans were developed for revegetation of sites in southeastern New Mexico. To determine which revegetation plan is appropriate follow procedures in the section titled Determining the Revegetation Plan.

Revegetation Plans contain seed mixtures, as well as seed bed preparation and planting requirements. The detailed instructions for seedbed preparation and planting can be found in the section Revegetation Techniques.

Table 3 - Revegetation Plans, Codes, and Soil Types for Southeastern New Mexico

REVEGTATION PLANS	CODE	SOIL TEXTURES
Clay	C	Clay, Silty Clay, Stony Silty Clay, Clay Loam, Silty Clay Loam (including saline and sodic Clay soils)
Loam	L	Silty Loam, Cobbly Silt Loam, Stony Silt Loam, Silt, Loam, Sandy, Clay Loam
Sandy Loam	SL	Very Fine Sandy Loam, Fine Sandy Loam, Cobbly Fine Sandy Loam, Sandy Loam, Cobbly Sandy Loam, Gravelly Fine Sandy Loam, Very Gravelly Fine Sand Loam, Stony Fine Sandy Loam, Stony Sandy Loam
Gypsum	LG	
Shallow	SH	Rocky Loam, Cobbly Loam
Course	CS	Gravelly Loam, very Gravelly Loam, Gravelly Sandy Loam, Very Gravelly Sandy Loam, Stony Loam, Stony Sandy Loam
Sandy	S	Loamy Fine Sand, Loam Sand, Very Gravelly Loamy Fine Sand
Blow Sand	BS	Fine Sand, Sand, Coarse Sand
Mountain Meadow	MM	Clay, Loam
Mountain Upland	MU	Clay Loam, Loam

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

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nPAC0605548324**
Incident Name	**NPAC0605548324 EAST VACUUM (GSA) UNIT #001 @ 30-025-26227**
Incident Type	**Oil Release**
Incident Status	**Reclamation Report Received**
Incident Well	**[30-025-26227] EAST VACUUM (GSA) UNIT #001**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	EAST VACUUM (GSA) UNIT #001
Date Release Discovered	10/03/2003
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion | Flow Line - Production | Crude Oil | Released: 40 BBL | Recovered: 35 BBL | Lost: 5 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Flow Line - Production | Produced Water | Released: 5 BBL | Recovered: 3 BBL | Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Chuck Terhune Email: chuck.terhune@tetratech.com Date: 04/22/2024

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1360
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	212.9
GRO+DRO (EPA SW-846 Method 8015M)	53.9
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/25/2024
On what date will (or did) the final sampling or liner inspection occur	02/05/2024
On what date will (or was) the remediation complete(d)	02/07/2024
What is the estimated surface area (in square feet) that will be reclaimed	3250
What is the estimated volume (in cubic yards) that will be reclaimed	286
What is the estimated surface area (in square feet) that will be remediated	3250
What is the estimated volume (in cubic yards) that will be remediated	286
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Chuck Terhune Email: chuck.terhune@tetratech.com Date: 04/23/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**330142**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**02/05/2024**
What was the (estimated) number of samples that were to be gathered	**3**
What was the sampling surface area in square feet	**600**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3250
What was the total volume (cubic yards) remediated	286
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3250
What was the total volume (in cubic yards) reclaimed	286
Summarize any additional remediation activities not included by answers (above)	No additional comments

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

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

I hereby agree and sign off to the above statement	Name: Chuck Terhune Email: chuck.terhune@tetratech.com Date: 04/23/2024

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
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	3250
What was the total volume of replacement material (in cubic yards) for this site	286
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	02/09/2024
Summarize any additional reclamation activities not included by answers (above)	No Additional
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Chuck Terhune Email: chuck.terhune@tetratech.com Date: 04/23/2024

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Action 336109

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 336109
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/22/2024