



January 31, 2024

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

**Re: Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Unit Letter P, Section 27, Township 17 South, Range 35 East
Lea County, New Mexico
Incident ID# nPAC0801030962**

Dear Sir or Madam,

Tetra Tech, Inc. (Tetra Tech) was initially contacted by ConocoPhillips (COP) to assess a release that occurred from the East Vacuum Grayburg-San Andres Unit (EVGSAU) 2717-006 wellhead stuffing box (API No. 30-025-20835). The release footprint is located in Public Land Survey System (PLSS) Unit Letter P, Section 27, Township 17 South, Range 35 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.801293°, -103.439733°, as shown in **Figure 1** and **Figure 2**. In June of 2022, Maverick Permian LLC acquired this site from COP and has performed the remediation in accordance with the approved Work Plan submitted and approved by NMOCD on March 17, 2023.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), a release occurred on December 23, 2007, due to a stuffing box leak. The release consisted of 5 barrels (bbls) of oil and 21 bbls of produced water and reportedly affected a 110-foot (ft) by 250-ft area of pad and pasture. During immediate response actions a vacuum truck recovered 1 bbl of oil and 21 bbls of produced water. The New Mexico Oil Conservation District (NMOCD) received the C-141 report form for the release on January 3, 2008. The release was subsequently assigned Remediation Permit (RP) number 1RP-1694 and the Incident ID nPAC0801030962. The 1RP-1694 release is included in an Agreed Compliance Order-Releases (ACO-R) between COP and the NMOCD signed on May 7 and 9, 2019, respectively. The release extent is shown in **Figure 3** and the initial C-141 Release Notification form is included in **Attachment 1**.

SITE CHARACTERIZATION

Receptors

Tetra Tech performed a site characterization and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential. Refer to **Attachment 2**.

Soils

The USDA NCRS Soil Map and soil profile are provided in **Attachment 2**. The soil is classified as Kimbrough gravelly loam, dry, 0 to 3 percent slopes.

Tetra Tech, Inc.

1500 CityWest Boulevard, Suite 1000, Houston, Texas 77042

Tel +1.832.251.5160 | tetrattech.com/oga | tetrattech.com

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Depth to Groundwater

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are seven (7) water wells within an 800-meters radius (approximately ½ mile) of the Site. The average depth to groundwater is 70 ft below ground surface (bgs). Site characterization data are included in **Attachment 2**.

REGULATORY FRAMEWORK

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

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site for groundwater between 51 and 100 feet bgs are as follows:

Closure Criteria for Soils Impacted by a Release

Constituent	Remediation RRAL
Chloride	10,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (DRO+ORO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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

Reclamation Requirements

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

INITIAL RESPONSE ACTIVITIES

The release was discovered coming from a stuffing box. The spill affected an area of approximately 110 feet by 250 feet of pad and adjacent open pastureland. The leak resulted in a release of 5 barrels (bbls) of oil, and 21 bbls of produced water, of which 1 bbl of oil and 9 bbls of produced water were recovered using a vacuum truck.

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SITE ASSESSMENT SUMMARY

Given the age of the release, COP requested that eTech Environmental & Safety Solutions (eTech) conduct soil screening associated with the release area on September 9, 2019, to attempt the initial delineation. A Site diagram prepared by eTech presents their screening locations and associated soil screening results (see **Attachment 2**). The soil screening results revealed high salinity concentrations (interpreted to reflect chloride impact) in six locations (SP-2 through SP-5 and SP-8 through SP-9), all located within impacted areas on the caliche well pad and unvegetated areas due south of the well pad.

Tetra Tech personnel were on site on behalf of ConocoPhillips in November 2020 and January 2021 to conduct soil sampling to achieve vertical and horizontal delineation of the release extent. Three borings (BH-1 through BH-3) were installed inside the release extent using an air rotary drilling to depths of 20 ft bgs to achieve vertical delineation. Four borings (BH-4 through BH-7) were installed using an air rotary drilling rig to depths of 4 ft bgs along the perimeter of the release to horizontally delineate the release extent to the south, east and north, respectively. Two additional borings (BH-8 and BH-9) were installed further outside the perimeter to depths of 1 ft bgs to complete horizontal delineation to the north and east, respectively. Soils at the Site consist of approximately 1.5 ft of brown silty clay underlain by a caliche cap rock. **Figure 3** depicts the release extent and the November 2020 and January 2021 soil boring locations. GPS coordinates for the boring locations are presented in **Table 1**.

A total of thirty-one samples were collected from the nine borings (BH-1 through BH-9) and submitted to Pace Analytical National Center for Testing & Innovation (Pace) in Nashville, Tennessee to be analyzed for chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. The results of these soil sampling and analyses are presented in **Table 2**.

ALTERNATIVE CONFIRMATION SAMPLING PLAN

In accordance with 19.15.29.12(D)(1)(b) NMAC, ConocoPhillips requested an alternative confirmation sampling plan in the Release Characterization and Remediation Work Plan. NMOCD approved the Release Characterization and Remediation Work Plan on March 17, 2023, including approval of the variance request to collect confirmation samples for sidewall and base excavation samples to be collected every 500 square feet.

CULTURAL RESOURCES SURVEY

To comply with 1.10.15 NMAC and New Mexico State Land Office (NMSLO) requirements, Tetra Tech contracted SWCA Environmental Consultants to perform a Class III Cultural Resources Survey for the remediation area under New Mexico Cultural Resources Investigation System (NMCRIS) Activity No. 153975. Ms. Alissa Healy of SWCA conducted the survey on September 27, 2023, which included an intensive pedestrian survey of the EVGSAU 2717-006 remediation site and immediate vicinity covering 7.17 acres, which included a 100-ft cultural resources buffer around the location.

No archaeological sites or historic properties were observed during the current investigation. No additional investigation or treatment is recommended regarding the current undertaking. No subsurface cultural materials were encountered during remediation. The cover page from the Class III Cultural Resources Survey is included in **Attachment 3**.

REMEDIATION AND CONFIRMATION SAMPLING

Excavation activities commenced on November 21, 2023, and concluded on December 22, 2023. Maverick's subcontractor, McNabb used heavy equipment to excavate impacted soil from the remediation area to a maximum depth of four feet bgs as shown in **Figure 4**. 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.

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McNabb excavated a total of 4,096 cubic yards of contaminated soil from an approximately 29,550-square-foot area and transported the soil to R360 for offsite disposal. McNabb sourced 3,768 cubic yards of topsoil from a nearby ranch to backfill the excavated areas.

Tetra Tech notified the NMOCD via email of confirmation sampling via submission of a Notification of Sampling Application (C-141N) on December 14, 2024, via the NMOCD Permitting portal online. Upon reaching the final lateral and vertical excavation extents of the excavation, Tetra Tech collected 100 confirmation samples on an approximate 300 square foot basis, including 65 confirmation floor samples and 35 confirmation side wall samples from the excavated area. Confirmation samples were submitted to Cardinal Laboratory in Hobbs, New Mexico for analysis of BTEX (8021B), chloride (SM4500 CL-B), and TPH (TPH 8015M). Confirmation sampling locations and excavation extents are shown in **Figure 4**.

Between December 13 and December 22, 2023, subsequent to the receipt of confirmation sample results, McNabb completed backfilling of the excavated areas with clean soil. Confirmation sampling laboratory analytical results for shallow soils (less than 4 feet bgs) were screened against Reclamation Requirements. Confirmation sampling laboratory analytical results for deeper soils (greater than 4 feet bgs) were screened against RRALs. The shallow soil results are summarized in **Table 3** and the deeper soil results are summarized in **Table 4**. Laboratory analytical data packages including chain of custody documentation are included in **Attachment 4**. Photographic Documentation showing the excavated areas and final grading after backfilling is provided in **Attachment 5**.

The backfilled areas of impacted pastureland have been graded with topsoil and seeded with New Mexico State Land Office (NMSLO) Loamy (L) Sites Seed Mixture in accordance with the Site soil profile detailed above in the Site Characterization Section, to aid in vegetation growth to complete reclamation. The seed mixture applied to the remediation Site is provided in **Attachment 6**.

VARIANCE REQUEST

Tetra Tech and Maverick understand that failure to notify the NMOCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. Tetra Tech failed to notify the NMOCD of sampling 48 hours in advance in accordance with 19.15.29.12.D.(1).(a). Tetra Tech respectfully requests a variance for the failure to notify the NMOCD of sampling in consideration of the significant changes to the NMOCD notification process and changes that were implemented by the NMOCD in early December 2023.

Tetra Tech has reviewed the C-141N notification process and NMOCD *Public Notice Implementation of Digital C-141 and Incident Statuses* document dated December 1, 2023, and has shifted to strictly adhering to the sampling notification requirements of 19.15.29.12.D.(1).(a) NMAC and NMOCD notification guidance.

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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 based on the soil type; therefore, Site remediation is complete. If you have any questions concerning the remediation activities for the Site, please contact Chris Straub by email at chris.straub@tetratech.com or by phone at (832) 251-5180.

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
NMSLO

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LIST OF ATTACHMENTS

Figures

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Release Extent and Assessment Map
- Figure 4 – Remediation Excavation Extent and Confirmation Sampling

Tables

- Table 1 – Boring Location Coordinates – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Assessment
- Table 3 – Summary of Shallow Soil Analytical Results – Confirmation Sampling
- Table 4 – Summary of Deep Soil Analytical Results – Confirmation Sampling

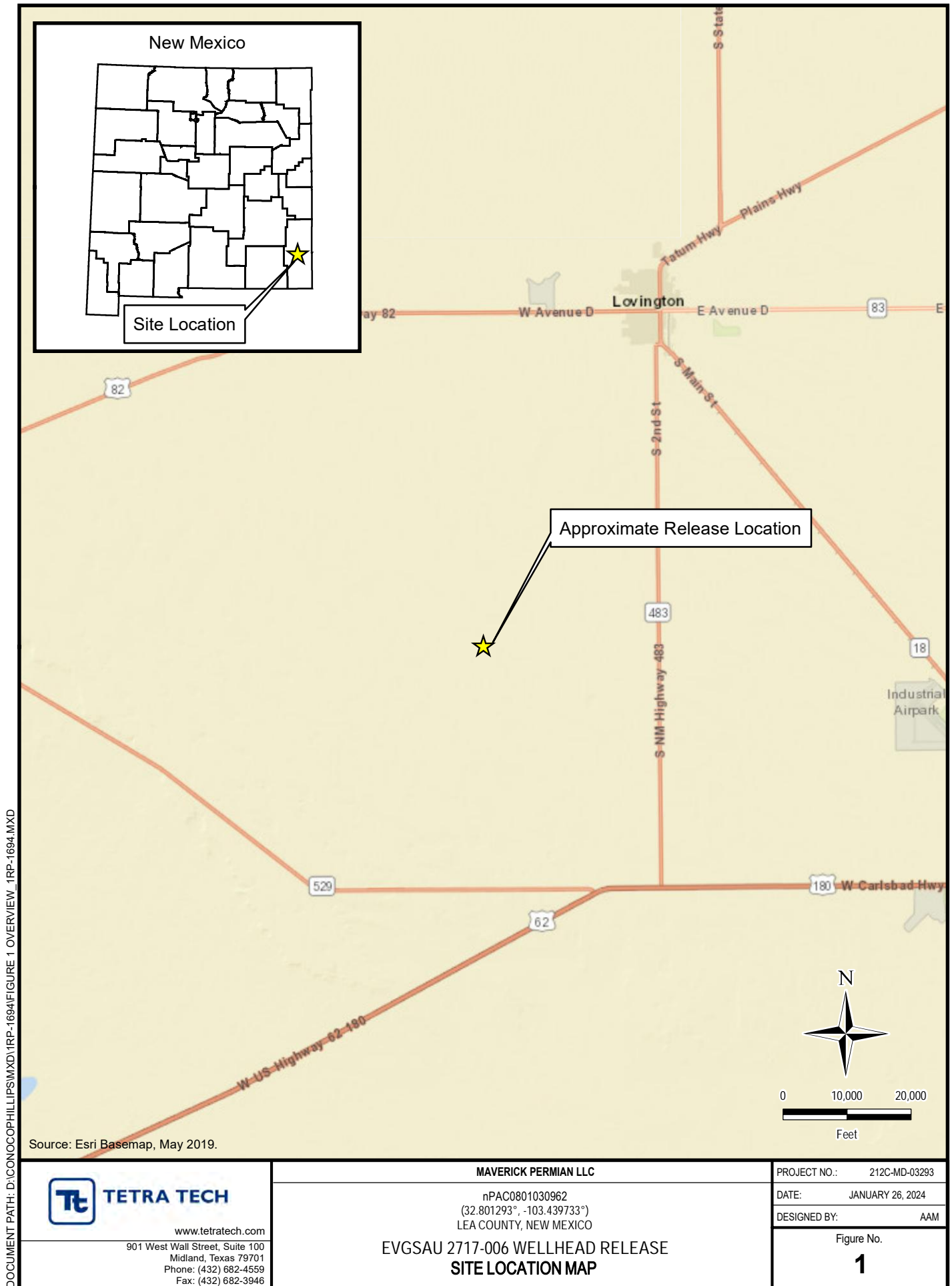
Attachments

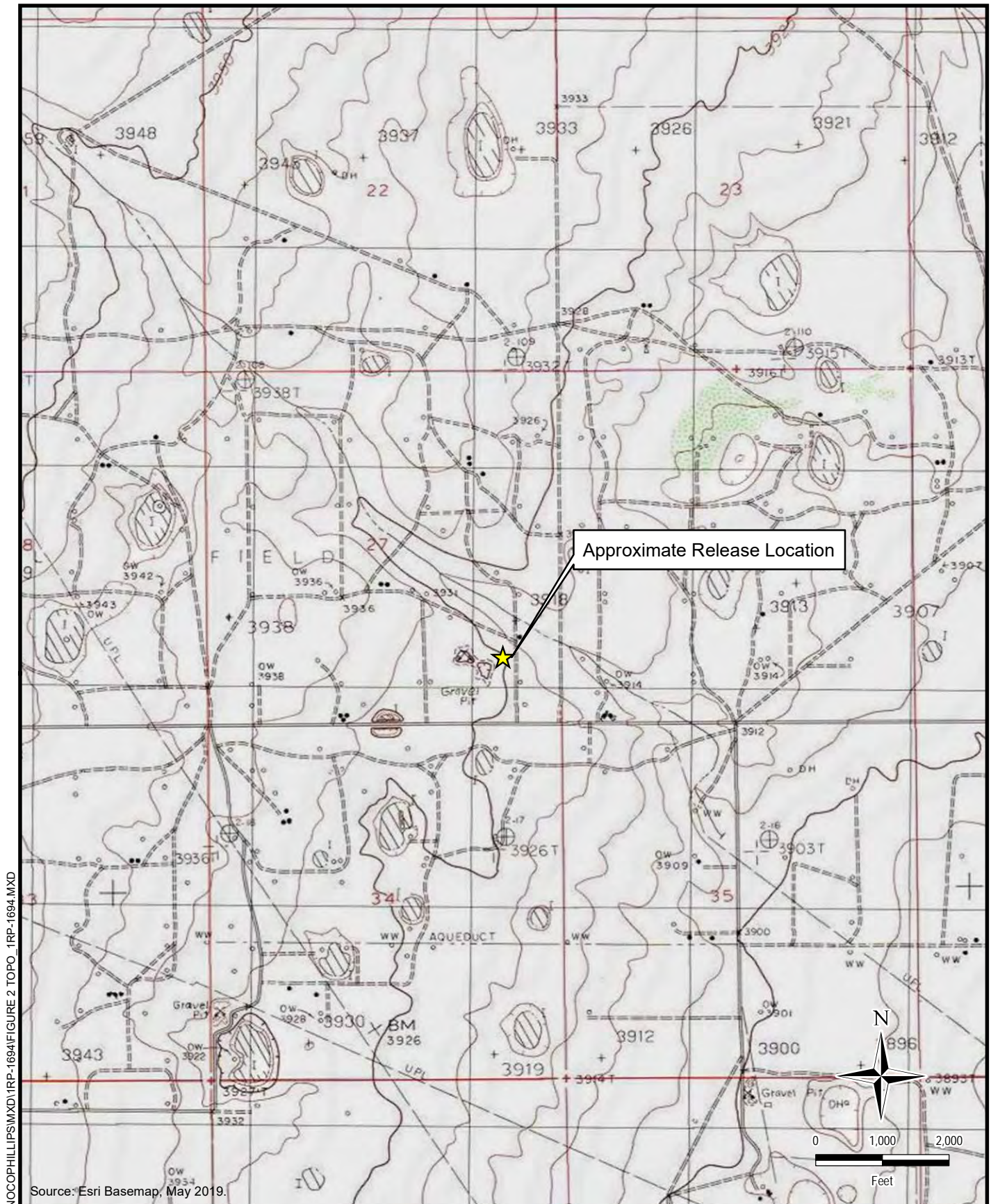
- Attachment 1 – C-141 Forms
- Attachment 2 – Site Characterization Data
- Attachment 3 – Cultural Resource Survey Cover Page
- Attachment 4 – Laboratory Analytical Data
- Attachment 5 – Photographic Documentation
- Attachment 6 – Seed Mixture Details

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FIGURES





DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\1RP-1694\FIGURE 2 TOPO - 1RP-1694.MXD


TETRA TECH
www.tetrattech.com

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

MAVERICK PERMIAN LLC

 nPAC0801030962
 (32.801293°, -103.439733°)
 LEA COUNTY, NEW MEXICO

**EVGSAU 2717-006 WELLHEAD RELEASE
 TOPOGRAPHIC MAP**

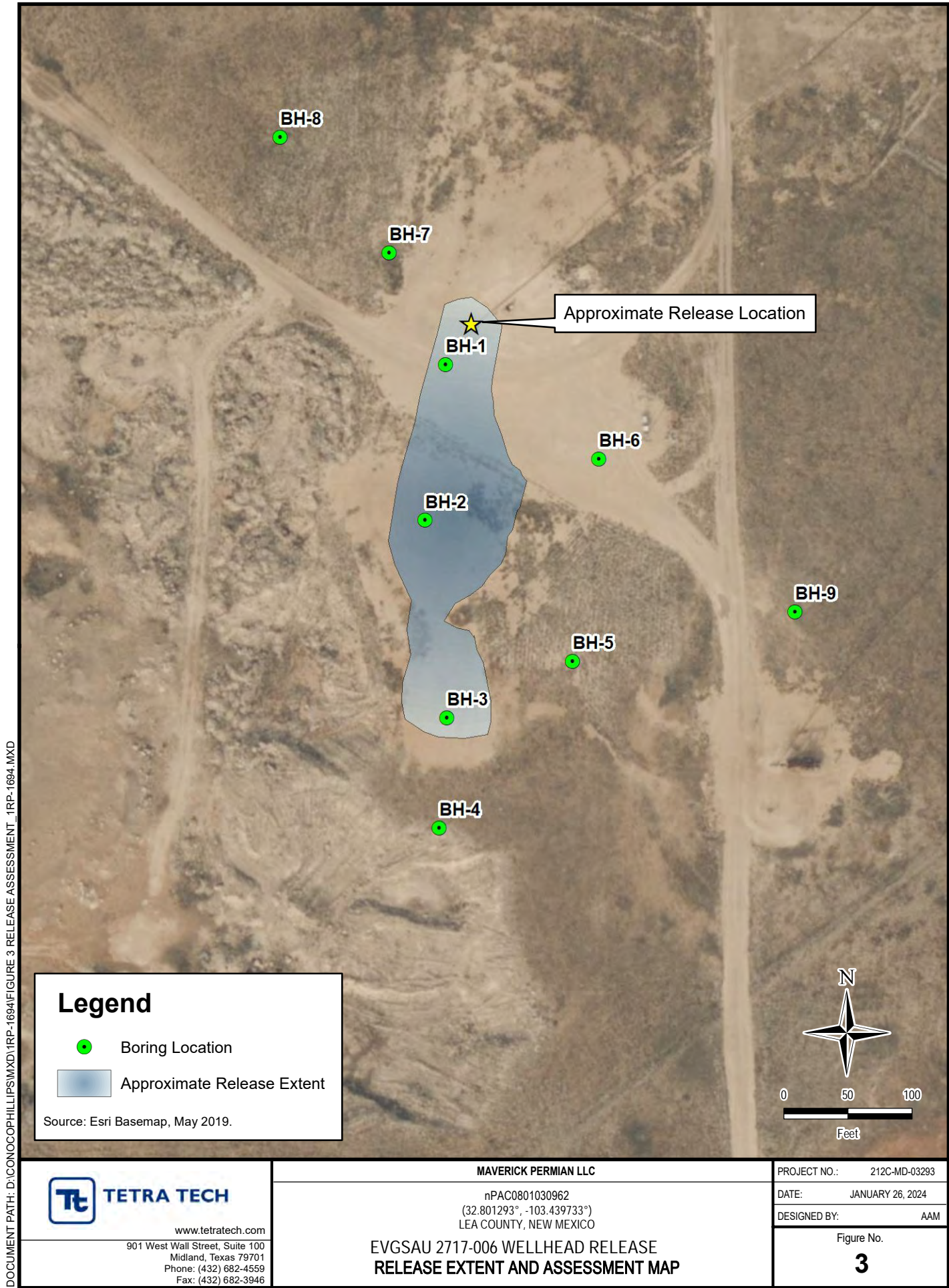
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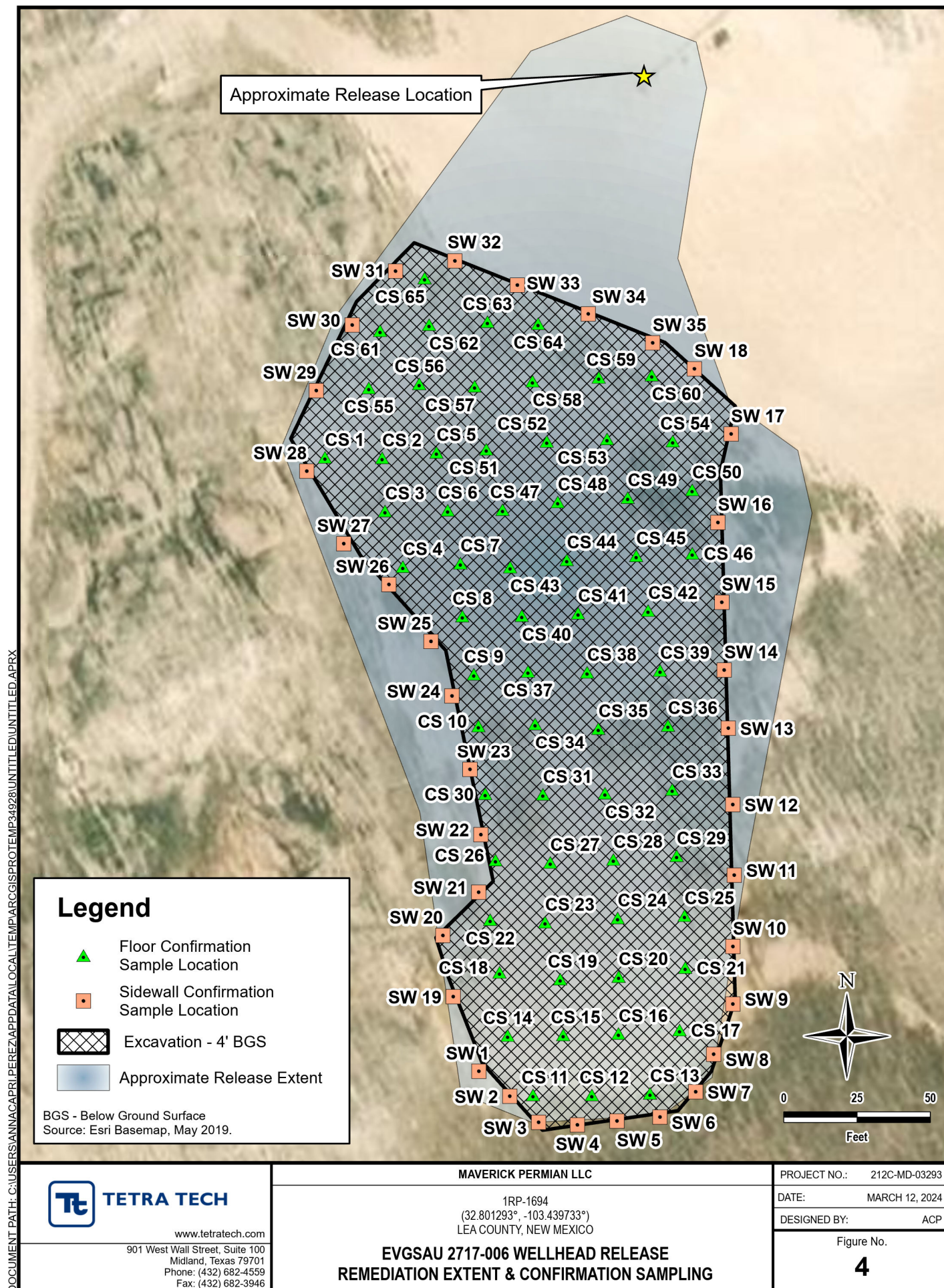
DATE: JANUARY 26, 2024

DESIGNED BY: AAM

Figure No.

2





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TABLES

TABLE 1
BORING LOCATION COORDINATES SOIL
ASSESSMENT - 1RP-1694
Maverick Permian LLC
EVGSAU 2717-006 WELLHEAD RELEASE
LEA COUNTY, NM

Boring ID	Latitude	Longitude
BH-1	32.801205	-103.439799
BH-2	32.800872	-103.439855
BH-3	32.800450	-103.439803
BH-4	32.800213	-103.439825
BH-5	32.800568	-103.439484
BH-6	32.801000	-103.439412
BH-7	32.801445	-103.439940
BH-8	32.801670	-103.440157
BH-9	32.800674	-103.438957

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT - 1RP-1694
Maverick Permian LLC
EVGSAU 2717-006 WELLHEAD RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride ¹		BTEX ²								TPH ³							
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX	GRO ⁴		DRO		ORO		Total TPH (GRO+DRO+ORO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
BH-1	11/9/2020	0-1	-	-	1510		< 0.00105		< 0.00527		< 0.00263		0.00100	J	0.00100	< 0.103		< 4.11		0.357	J	0.357
		2-3	-	-	1210		< 0.00108		< 0.00540		< 0.00270		< 0.00703		-	< 0.104		< 4.16		0.404	J	0.404
		4-5	-	-	94.8		< 0.00104		< 0.00522		< 0.00261		< 0.00679		-	< 0.102		< 4.09		< 4.09		-
		6-7	-	-	23.3		< 0.00106		< 0.00528		< 0.00264		< 0.00686		-	< 0.103		< 4.11		1.11	B J	1.11
		9-10	-	-	22.7		< 0.00108		< 0.00541		< 0.00271		< 0.00704		-	< 0.104		< 4.17		1.62	B J	1.62
		14-15	-	-	13.5	J	< 0.00106		< 0.00532		< 0.00266		< 0.00692		-	< 0.103		< 4.13		1.02	B J	1.02
		19-20	102	0.4	29.2		< 0.00107		< 0.00533		< 0.00266		0.00591	J	0.00591	0.0333	B J	< 4.13		1.35	B J	1.38
BH-2	11/9/2020	0-1	-	-	4260		< 0.00110		< 0.00550		< 0.00275		0.00102	J	0.00102	0.0287	B J	30.9		40.6		71.5
		2-3	-	-	2590		< 0.00114		< 0.00568		< 0.00284		< 0.00738		-	0.0282	B J	4.75		13.5		18.3
		4-5	-	-	1210		< 0.00110		< 0.00548		< 0.00274		< 0.00713		-	0.0245	B J	< 4.19		1.61	B J	1.63
		6-7	-	-	535	J6	< 0.00104		< 0.00518		< 0.00259		< 0.00674		-	0.0328	B J	2.42	J	9.15	B	11.6
		9-10	-	-	133		< 0.00102		< 0.00508		< 0.00254		< 0.00660		-	0.0276	B J	< 4.03		1.90	B J	1.93
		14-15	-	-	55.8		< 0.00103		< 0.00513		< 0.00257		< 0.00667		-	0.0322	B J	< 4.05		1.03	B J	1.06
		19-20	97.2	0.1	48.5		< 0.00106		< 0.00529		< 0.00265		< 0.00688		-	0.0286	B J	< 4.12		0.853	B J	0.882
BH-3	11/9/2020	0-1	-	-	2540		< 0.00117		< 0.00584		< 0.00292		< 0.00759		-	0.0331	B J	164		390		554
		2-3	-	-	1660		< 0.00112		< 0.00560		< 0.00280		< 0.00727		-	0.0462	B J	157		310		467
		4-5	-	-	966		< 0.00105		< 0.00527		< 0.00263		< 0.00685		-	0.0268	B J	47.3		109		156
		6-7	-	-	3770		< 0.00115		< 0.00577		< 0.00288		< 0.00750		-	0.0253	B J	2.68	J	4.91	B	7.62
		9-10	-	-	3550		< 0.00116		< 0.00581		< 0.00291		< 0.00756		-	0.0240	B J	2.94	J J3 J6	5.63	B	8.59
		14-15	-	-	350		< 0.00110		< 0.00548		< 0.00274		< 0.00712		-	0.0239	B J	11.4		26.4		37.8
		19-20	64.2	0.2	130		< 0.00107		< 0.00537		< 0.00268		< 0.00698		-	0.0257	B J	< 4.15		1.74	B J	1.77
BH-4	11/9/2020	0-1	121	1.2	90.6		< 0.00104		< 0.00518		< 0.00259		< 0.00673		-	0.0278	B J	5.09		22.1		27.2
		3-4	98.2	0.5	64.7		< 0.00105		< 0.00523		< 0.00261		< 0.00679		-	0.0247	B J	< 4.09		3.42	B J	3.44
BH-5	11/9/2020	0-1	134	0.6	107		< 0.00105		< 0.00523		< 0.00262		< 0.00680		-	0.0260	B J	631		389		1020
		3-4	109	0.1	117		< 0.00107		< 0.00537		< 0.00269		< 0.00699		-	0.0258	B J	2.45	J	8.42	B	10.9
BH-6	11/9/2020	0-1	88.1	0.2	107		< 0.00104		< 0.00518		< 0.00259		< 0.00674		-	0.0338	B J	23.2		53.6		76.8
		3-4	64.1	0.4	387		< 0.00109		< 0.00547		< 0.00274		< 0.00711		-	< 0.105		< 4.19		3.56	B J	3.56
BH-7	11/9/2020	0-1	110	0.1	47.5		< 0.00104		< 0.00518		< 0.00259		< 0.00673		-	< 0.102		46.5		168		215
		3-4	98.1	0.1	95.5		< 0.00105		< 0.00527		< 0.00263		< 0.00685		-	< 0.103		13.0		51.3		64.3
BH-8	1/14/2021	0-1	-	-	< 25.1		< 0.00151		< 0.00754		< 0.00377		< 0.00980		-	0.0868	J	40.1		84.2		124
BH-9	1/14/2021	0-1	-	-	49.7		< 0.00110		< 0.00549		< 0.00275		< 0.00714		-	< 0.105		9.05		22.7		31.8

NOTES:

ft. Feet

bgs Below ground surface

ppm Parts per million

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

ORO Oil range organics

Bold and italicized values indicate exceedance of proposed RRALs

1 EPA Method 300.0

2 EPA Method 8260B

3 EPA Method 8015

4 EPA Method 8015D/GRO

QUALIFIERS:

B The same analyte is found in the associated blank.

J The identification of the analyte is acceptable; the reported value is an estimate.

J3 The associated batch QC was outside the established quality control range for precision.

J6 The sample matrix interfered with the ability to make any accurate determination; spike value is low.



TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SHALLOW SOIL CONFIRMATION SAMPLING - INCIDENT nPAC0801030962
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 WELLHEAD 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		DRO		EXT DRO	Total TPH		
												C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆	(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		
CS 61 (2')	12/12/2023	0.0-2.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
CS 62 (2')	12/12/2023	0.0-2.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
CS 63 (2')	12/12/2023	0.0-2.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
CS 64 (2')	12/12/2023	0.0-2.0	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0	11		11		
CS 65 (2')	12/12/2023	0.0-2.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 1	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 10	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 11	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 12	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 13	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 2	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 3	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 4	12/7/2023	0.0-4.0	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 5	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 6	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 7	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 8	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 9	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 1	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 10	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 11	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 12	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 13	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 2	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 3	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 4	12/7/2023	0.0-4.0	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 5	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 6	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 7	12/7/2023	0.0-4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 8	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 9	12/7/2023	0.0-4.0	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 14	12/8/2023	0.0-4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0	12		12		
SW - 15	12/8/2023	0.0-4.0	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 16	12/8/2023	0.0-4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		
SW - 17	12/8/2023	0.0-4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-		



TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SHALLOW SOIL CONFIRMATION SAMPLING - INCIDENT nPAC0801030962
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 WELLHEAD 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		DRO		EXT DRO		Total TPH	
												C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(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		
SW - 18	12/8/2023	0.0-4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 19	12/8/2023	0.0-4.0	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		11		11	
SW - 20	12/8/2023	0.0-4.0	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 21	12/8/2023	0.0-4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		12		<10.0		12	
SW - 22	12/8/2023	0.0-4.0	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 23	12/8/2023	0.0-4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 24	12/8/2023	0.0-4.0	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 25	12/8/2023	0.0-4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 26	12/11/2023	0.0-4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 27	12/11/2023	0.0-4.0	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		11		11	
SW 28	12/11/2023	0.0-4.0	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 29	12/11/2023	0.0-4.0	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 30	12/11/2023	0.0-4.0	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW 31	12/11/2023	0.0-4.0	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		12		12	
SW 32	12/11/2023	0.0-4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		11		11	
SW 33	12/11/2023	0.0-4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		19		19	
SW 34	12/11/2023	0.0-4.0	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		16		16	
SW 35	12/11/2023	0.0-4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		16		16	
NOTES:																						

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

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



TABLE 4
SUMMARY OF ANALYTICAL RESULTS
DEEP CONFIRMATION SAMPLING - INCIDENT nPAC0801030962
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 WELLHEAD 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		TPH 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	mg/kg
RRALs (Table I 19.15.29.12 NMAC)			10,000		10							50								1,000	2,500	
CS - 1 @ 4'	12/1/2023	4.0-4.5	2,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 10 @ 4'	12/1/2023	4.0-4.5	2,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 2 @ 4'	12/1/2023	4.0-4.5	2,560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 3 @ 4'	12/1/2023	4.0-4.5	2,520		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 4 @ 4'	12/1/2023	4.0-4.5	2,560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 5 @ 4'	12/1/2023	4.0-4.5	2,800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 6 @ 4'	12/1/2023	4.0-4.5	2,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 7 @ 4'	12/1/2023	4.0-4.5	2,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 8 @ 4'	12/1/2023	4.0-4.5	2,560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 9 @ 4'	12/1/2023	4.0-4.5	3,600		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 9 @ 4'	12/1/2023	4.0-4.5	3,600		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 11 (4')	12/7/2023	4.0-4.5	2,120		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 12 (4')	12/7/2023	4.0-4.5	944		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 13 (4')	12/7/2023	4.0-4.5	1,630		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 14 (4')	12/7/2023	4.0-4.5	1,880		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 15 (4')	12/7/2023	4.0-4.5	2,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 16 (4')	12/7/2023	4.0-4.5	896		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 17 (4')	12/7/2023	4.0-4.5	1,140		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 18 (4')	12/7/2023	4.0-4.5	1,260		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 19 (4')	12/7/2023	4.0-4.5	1,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 20 (4')	12/7/2023	4.0-4.5	848		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 21 (4')	12/7/2023	4.0-4.5	1,360		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 22 (4')	12/7/2023	4.0-4.5	1,230		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 23 (4')	12/7/2023	4.0-4.5	1,800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 24 (4')	12/7/2023	4.0-4.5	976		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 25 (4')	12/7/2023	4.0-4.5	1,340		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 26 (4')	12/7/2023	4.0-4.5	1,760		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 27 (4')	12/7/2023	4.0-4.5	2,120		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 28 (4')	12/7/2023	4.0-4.5	928		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 29 (4')	12/7/2023	4.0-4.5	1,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 30 (4')	12/7/2023	4.0-4.5	1,970		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 31 (4')	12/7/2023	4.0-4.5	1,940		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 32 (4')	12/7/2023	4.0-4.5	896		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 33 (4')	12/7/2023	4.0-4.5	1,260		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 34 (4')	12/7/2023	4.0-4.5	2,080		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 35 (4')	12/8/2023	4.0-4.5	1,140		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 36 (4')	12/8/2023	4.0-4.5	1,020		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
CS - 37 (4')	12/8/2023	4.0-4.5	1,660		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		33		<10.0		33	33



TABLE 4
SUMMARY OF ANALYTICAL RESULTS
DEEP CONFIRMATION SAMPLING - INCIDENT nPAC0801030962
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 WELLHEAD 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		DRO		EXT DRO		TPH		Total TPH	
		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	Q	mg/kg	Q
RRALs (Table I 19.15.29.12 NMAC)			10,000		10							50									1,000		2,500	
CS - 38 (4')	12/8/2023	4.0-4.5	1,280		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
CS - 39 (4')	12/8/2023	4.0-4.5	2,030		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		51		19		70		70	
CS - 40 (4')	12/8/2023	4.0-4.5	1,180		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
CS - 41 (4')	12/8/2023	4.0-4.5	1,230		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
CS - 42 (4')	12/8/2023	4.0-4.5	1,250		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		17		<10.0		17		17	
CS - 43 (4')	12/8/2023	4.0-4.5	1,140		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
CS - 44 (4')	12/8/2023	4.0-4.5	2,040		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
CS - 45 (4')	12/8/2023	4.0-4.5	2,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
CS 46 (4')	12/12/2023	4.0-4.5	4,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
CS 47 (4')	12/12/2023	4.0-4.5	2,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		11		<10.0		11		11	
CS 48 (4')	12/12/2023	4.0-4.5	2,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		26		<10.0		26		26	
CS 49 (4')	12/12/2023	4.0-4.5	2,600		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		31		11		42		42	
CS 50 (4')	12/12/2023	4.0-4.5	3,440		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		12		<10.0		12		12	
CS 51 (4')	12/12/2023	4.0-4.5	2,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		30		11		41		41	
CS 52 (4')	12/12/2023	4.0-4.5	2,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		12		<10.0		12		12	
CS 53 (4')	12/12/2023	4.0-4.5	2,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
CS 54 (4')	12/12/2023	4.0-4.5	2,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		21		<10.0		21		21	
CS 55 (4')	12/12/2023	4.0-4.5	2,800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		19		<10.0		19		19	
CS 56 (4')	12/12/2023	4.0-4.5	3,440		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		30		11		41		41	
CS 57 (4')	12/12/2023	4.0-4.5	3,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		27		<10.0		27		27	
CS 58 (4')	12/12/2023	4.0-4.5	3,160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		42		19		60		60	
CS 59 (4')	12/12/2023	4.0-4.5	3,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		26		<10.0		26		26	
CS 60 (4')	12/12/2023	4.0-4.5	512		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	

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

1: Method SM4500CI-B
2: Method 8021B
3: Method 8015M

Bold and highlighted values indicate exceedance of Table I 19.15.29.12 NMAC.
Areas where samples were collected were then overexcavated to achieve clean margins

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 1 – C-141 FORMS

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company ConocoPhillips Company	Contact Mickey Garner
Address 3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No. 505.391.3158
Facility Name EVGSAU 2717-006	Facility Type Oil and Gas

Surface Owner State of New Mexico	Mineral Owner State of New Mexico	Lease No 30-025-20835-00-00
--	--	------------------------------------

LOCATION OF RELEASE

Unit Letter P	Section 27	Township 17S	Range 35E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
-------------------------	----------------------	------------------------	---------------------	---------------	------------------	---------------	----------------	----------------------

Latitude N **32 48.070** Longitude W **103 26.389**

NATURE OF RELEASE

Type of Release Crude Oil and Produced Water	Volume of Release 26bbl (5oil, 21water)	Volume Recovered (1oil, 9water)
Source of Release Stuffing Box	Date and Hour of Occurrence 12-23-2007 1030	Date and Hour of Discovery 12-23-2007 1300
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Pat Richards	
By Whom? Mickey Garner	Date and Hour 12-24-2007 0925	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

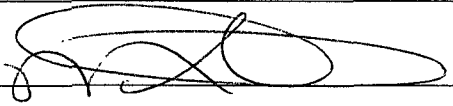
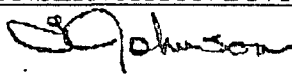

Describe Cause of Problem and Remedial Action Taken.*

On Sunday December 23, 2007 at 1300 hrs, a leak was discovered coming from the stuffing box of EVGSAU 2717-006, which is located 1 mile east of the Buckeye Production Office. Amount spilled was 5 bbls of oil and 21 bbls of produced water. The spill was not contained and affected 110' X 250' of pad and pasture. No cattle were in the area at the time of the release. The site will be remediated in accordance with NMOCD guidelines.

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck was called to pick up the free liquids. Amount recovered was 1 bbls of oil and 9 bbls of produced water. The chloride concentration for this area is 47,000.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Mickey Garner	Approved by District Supervisor  ENVIRONMENTAL ENGINEER	
Title: HSER Lead	Approval Date: 1.3.08	Expiration Date: 3.3.08
E-mail Address: Mickey.D.Garner@conocophillips.com	Conditions of Approval:	
Date: 12-26-2007 Phone: 575.391.3158	Submitted FINAL C-141 w/ DATA BY  Attached <input type="checkbox"/>	

- Attach Additional Sheets If Necessary

RP #1694

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

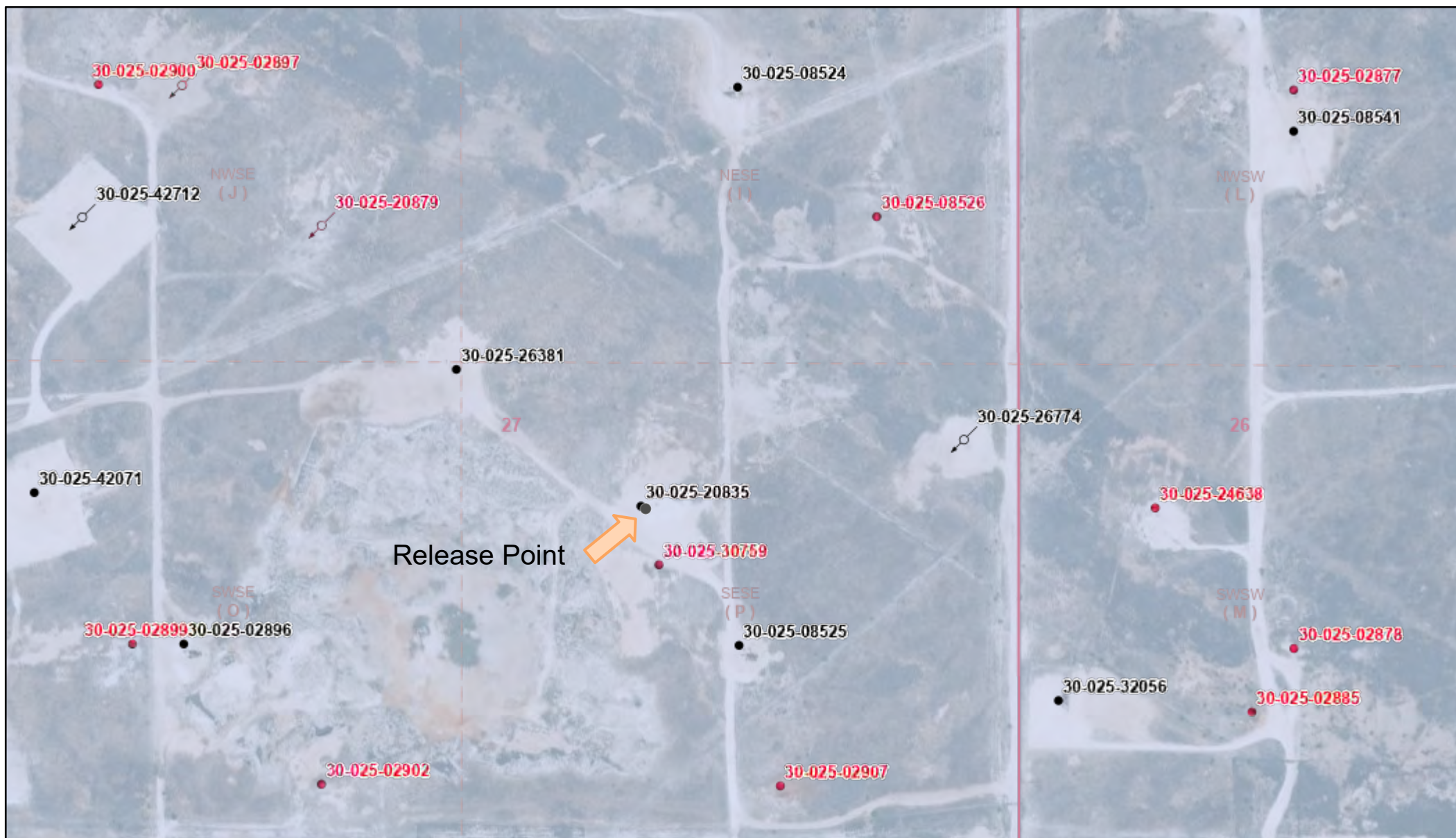
Signature: _____ Date: _____

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

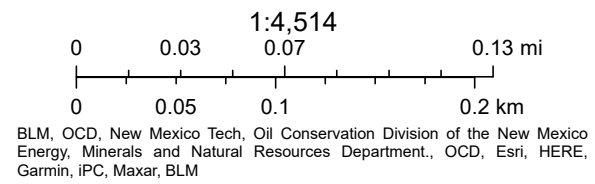
ATTACHMENT 2 – SITE CHARACTERIZATION DATA

EVGSAU 2717-006 Wellhead Release OCD Well Locations



12/20/2023, 2:23:54 PM

- Override 1
- Wells - Large Scale
- Injection, Active
- Injection, Plugged
- Oil, Active
- Oil, Plugged
- Karst Occurrence Potential
- Low
- PLSS Second Division
- PLSS First Division



Released to Imaging: 3/20/2024 9:12:39 AM



12/20/2023, 2:44:51 PM

GIS WATERS PODs

● Active

● Pending

● Inactive

● Plugged

●

OSE District Boundary

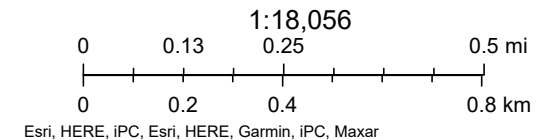
New Mexico State Trust Lands

Both Estates

NHD Flowlines

Pipeline





Stream River

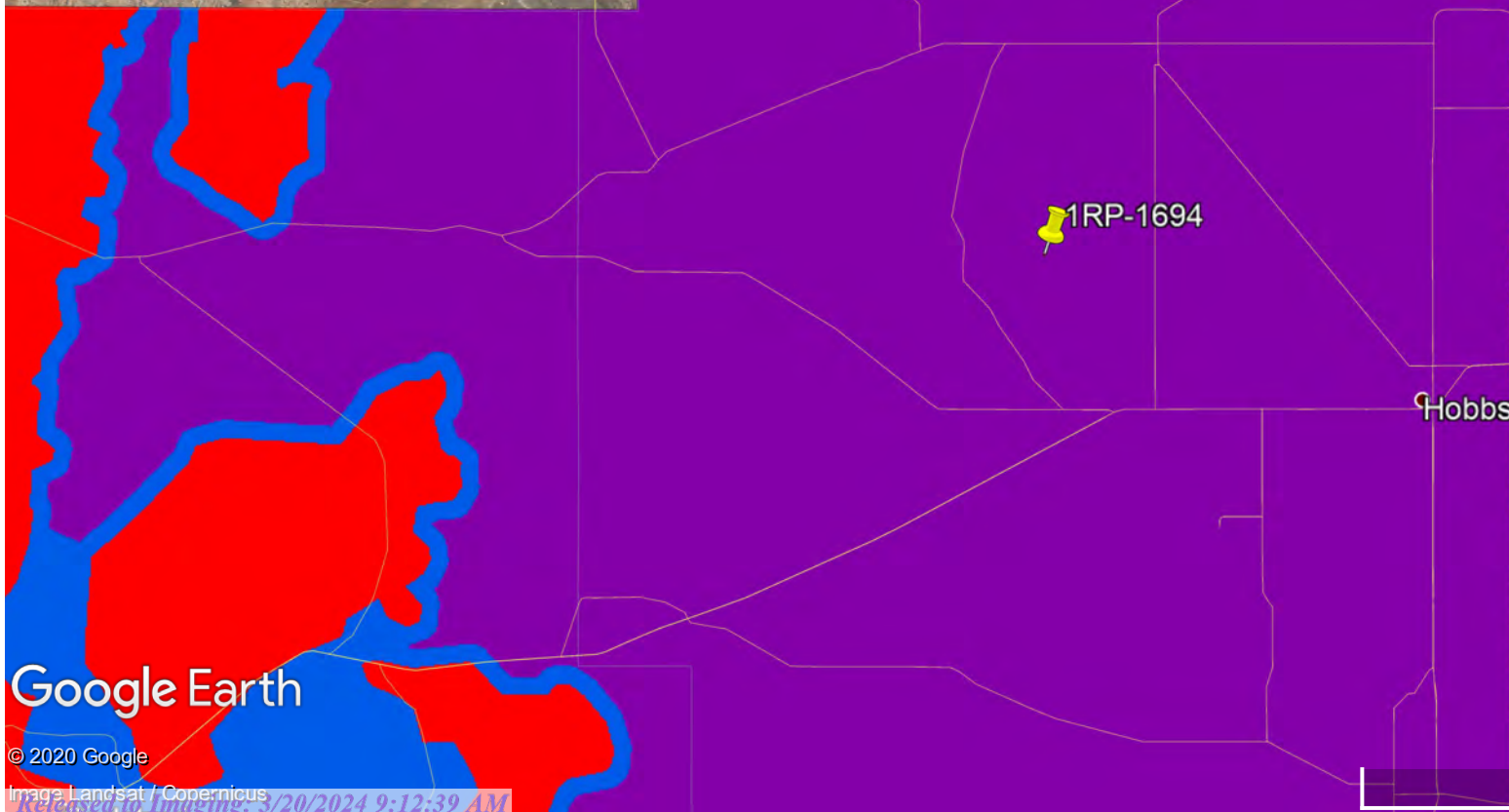
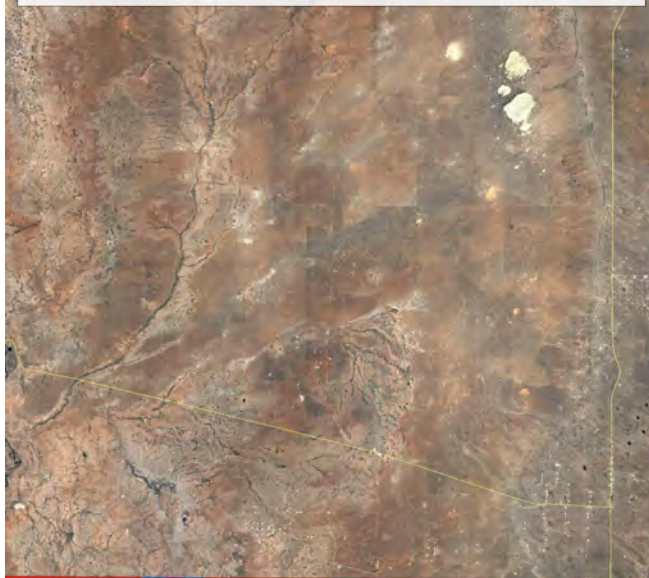


KARST POTENTIAL MAP

1RP-1694

Legend

-  1RP-1694
-  High
-  Low
-  Medium



83

214

Hobbs

Google Earth

© 2020 Google

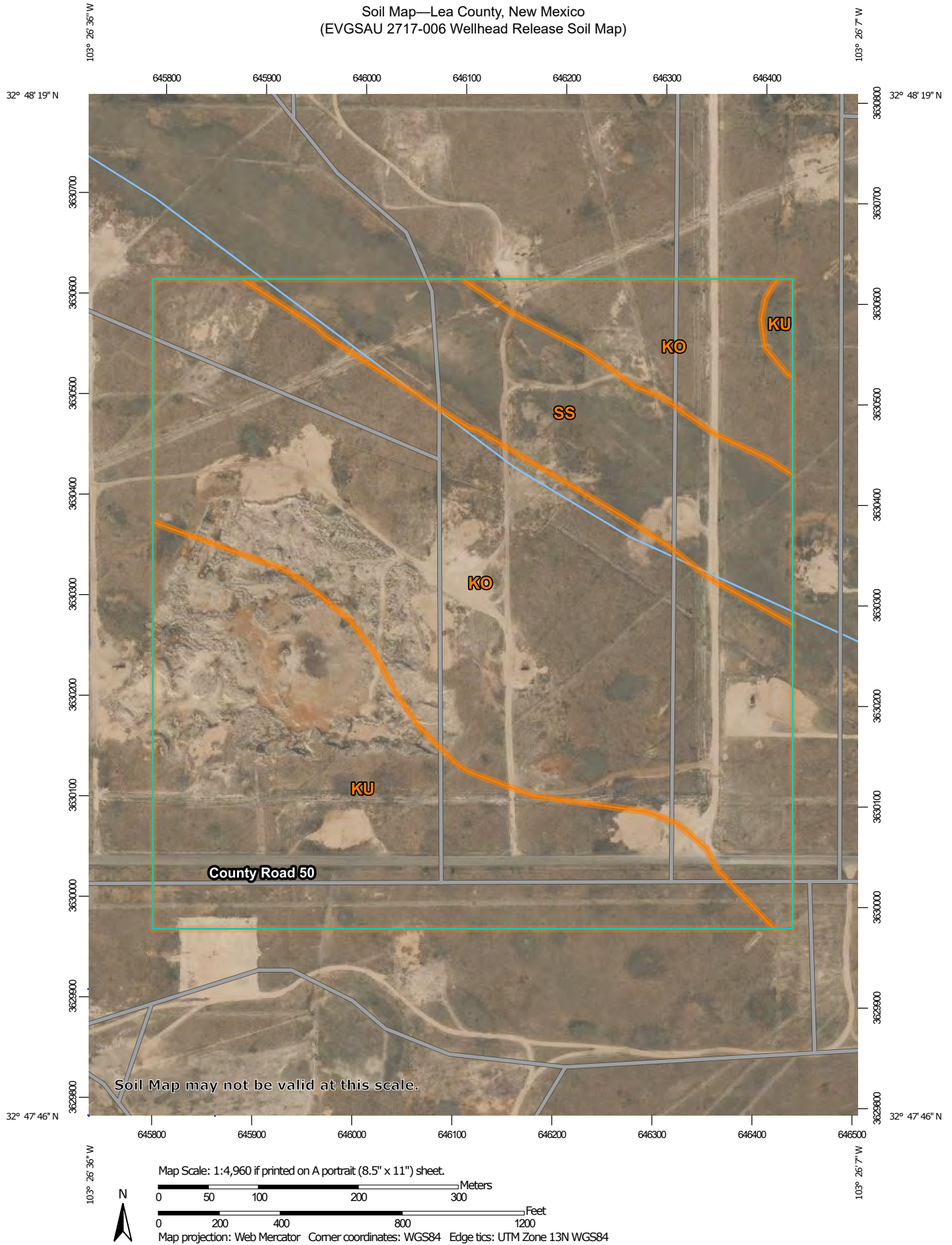
Image Landsat / Copernicus

Released to Imaging: 3/20/2024 9:12:39 AM

30 mi



Soil Map—Lea County, New Mexico
(EVGSAU 2717-006 Wellhead Release Soil Map)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

12/20/2023
Page 1 of 3

Soil Map—Lea County, New Mexico
(EVGSAU 2717-006 Wellhead 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.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	54.0	52.6%
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	32.9	32.1%
SS	Stegall and Slaughter soils	15.7	15.3%
Totals for Area of Interest		102.5	100.0%



(In feet)

Average Depth to Water: **70 feet**
Minimum Depth: **50 feet**
Maximum Depth: **90 feet**

7

UTMNAD83 Radius Search (in meters):

Radius: 800

*UTM location was derived from PLSS - see Help

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

WATER COLUMN/ AVERAGE DEPTH TO WATER



Legend:

- Pipeline
- Sample Points

Figure 1

Site Diagram
 EVGSAU Unit 2717-006
 ConocoPhillips Company
 GPS: 32.8013, -103.4398

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: lc

Checked: jwl

Date: 9/9/19

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 3 – CULTURAL RESOURCE SURVEY COVER PAGE

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 153975

HPD Log No(s).

Registration

Lead Agency: NM State Land Office

Performing Agency: SWCA Environmental Consultants

Activity ID: 84274

Performing Agency Report No: 23-675

Other Agencies:

Report Recipient (Your Client): Tetra Tech, Inc.

- Activity Types:
- ☐ Research Design
 - ☒ Archaeological Survey/Inventory
 - ☐ Architectural Survey/Inventory
 - ☐ Test Excavation
 - ☐ Monitoring
 - ☐ Collections/Non-Field Study
 - ☐ Compliance Decision
 - ☐ Literature Review Overview
 - ☐ Excavation
 - ☐ Ethnographic Study
 - ☐ Resource/Property Visit
 - ☐ Historic Structures Report
 - ☐ Other:

Total Survey Acreage: 7.17

Total Tribal Acreage:

Total Resources Visited: 0

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 4 – LABORATORY ANALYTICAL DATA



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

December 04, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717-006

Enclosed are the results of analyses for samples received by the laboratory on 12/01/23 13:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 1 @ 4' (H236468-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47	
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471	
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22	
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16	
Total BTX	<0.300	0.300	12/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/01/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/01/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 2 @ 4' (H236468-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47		
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471		
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22		
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16		
Total BTX	<0.300	0.300	12/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/01/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/01/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 3 @ 4' (H236468-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47		
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471		
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22		
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16		
Total BTEx	<0.300	0.300	12/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/01/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/01/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 4 @ 4' (H236468-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47	
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471	
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22	
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16	
Total BTEX	<0.300	0.300	12/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/01/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/01/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 5 @ 4' (H236468-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47		
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471		
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22		
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16		
Total BTX	<0.300	0.300	12/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/01/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/01/2023	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 49.1-148

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Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 6 @ 4' (H236468-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47		
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471		
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22		
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16		
Total BTEx	<0.300	0.300	12/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/01/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/01/2023	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 49.1-148

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Analytical Results For:

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

Received: 12/01/2023
 Reported: 12/04/2023
 Project Name: EVGSAU 2717-006
 Project Number: 212C - MD - 02377
 Project Location: MAVERICK - LEA CO NM

Sampling Date: 12/01/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 @ 4' (H236468-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47		
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471		
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22		
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16		
Total BTEx	<0.300	0.300	12/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/01/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/01/2023	ND					

Surrogate: 1-Chlorooctane 69.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 8 @ 4' (H236468-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47	
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471	
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22	
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16	
Total BTEX	<0.300	0.300	12/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/02/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/02/2023	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.0 % 49.1-148

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Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 9 @ 4' (H236468-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47		
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471		
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22		
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16		
Total BTEX	<0.300	0.300	12/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/02/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/02/2023	ND					

Surrogate: 1-Chlorooctane 60.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.3 % 49.1-148

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Analytical Results For:

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

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 10 @ 4' (H236468-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	3.47	
Toluene*	<0.050	0.050	12/01/2023	ND	2.15	107	2.00	0.471	
Ethylbenzene*	<0.050	0.050	12/01/2023	ND	2.32	116	2.00	2.22	
Total Xylenes*	<0.150	0.150	12/01/2023	ND	6.87	114	6.00	3.16	
Total BTEx	<0.300	0.300	12/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	12/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2023	ND	184	92.0	200	4.40	
DRO >C10-C28*	<10.0	10.0	12/02/2023	ND	188	94.1	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	12/02/2023	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Maverick TerraTech</u> Project Manager: <u>Chuck Terhune</u> Address: _____ City: _____ State: <u>NM</u> Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: <u>Maverick</u> Project Name: <u>Ergasau 2117-006</u> Project Location: <u>Lea Co, NM</u> Sampler Name: <u>Adam Adams</u>				BILL TO P.O. #: _____ Company: <u>TetraTech</u> Attn: <u>Chuck Terhune</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____				ANALYSIS REQUEST																							
FOR LAB USE ONLY																															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		SAMPLING	
H336468		CS-104'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
1		CS-104'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
2		CS-204'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
3		CS-304'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
4		CS-404'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
5		CS-504'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
6		CS-604'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
7		CS-704'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
8		CS-804'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
9		CS-904'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	
10		CS-1004'		G		1		1		1		1		1		1		1		12/1		12/1		12/1		12/1		12/1		12/1	

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Relinquished By: <u>[Signature]</u> Date: <u>12/1/23</u> Time: <u>1356</u>		Received By: <u>[Signature]</u> Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Observed Temp. °C <u>20.6</u> Corrected Temp. °C _____		Sample Condition <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Turnaround Time: _____ Thermometer ID #140 _____ Correction Factor 0°C _____		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> 84 hr <input checked="" type="checkbox"/>		Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Observed Condition _____ Observed Temp. °C _____ Corrected Temp. °C _____					

FORM-000-R-34-07111723

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

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

December 08, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717-006

Enclosed are the results of analyses for samples received by the laboratory on 12/07/23 13:07.

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

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 11 (4')	H236575-01	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 12 (4')	H236575-02	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 13 (4')	H236575-03	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 14 (4')	H236575-04	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 15 (4')	H236575-05	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 16 (4')	H236575-06	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 17 (4')	H236575-07	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 18 (4')	H236575-08	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 19 (4')	H236575-09	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 20 (4')	H236575-10	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 21 (4')	H236575-11	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 22 (4')	H236575-12	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 23 (4')	H236575-13	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 24 (4')	H236575-14	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 25 (4')	H236575-15	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 26 (4')	H236575-16	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 27 (4')	H236575-17	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 28 (4')	H236575-18	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 29 (4')	H236575-19	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 30 (4')	H236575-20	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 31 (4')	H236575-21	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 32 (4')	H236575-22	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 33 (4')	H236575-23	Soil	07-Dec-23 00:00	07-Dec-23 13:07
CS - 34 (4')	H236575-24	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 1	H236575-25	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 2	H236575-26	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 3	H236575-27	Soil	07-Dec-23 00:00	07-Dec-23 13:07

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 4	H236575-28	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 5	H236575-29	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 6	H236575-30	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 7	H236575-31	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 8	H236575-32	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 9	H236575-33	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 10	H236575-34	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 11	H236575-35	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 12	H236575-36	Soil	07-Dec-23 00:00	07-Dec-23 13:07
SW - 13	H236575-37	Soil	07-Dec-23 00:00	07-Dec-23 13:07

12/08/23 - Sample jars had headspace which can bias the BTEX and TPH results low.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 11 (4')
H236575-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2120		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		118 %		71.5-134	3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane		62.8 %		48.2-134	3120725	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane		60.5 %		49.1-148	3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 12 (4')
H236575-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	944		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	118 %	71.5-134	3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane	58.3 %	48.2-134	3120725	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane	54.7 %	49.1-148	3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 13 (4')
H236575-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1630		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %	71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			71.0 %	48.2-134		3120725	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			67.2 %	49.1-148		3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 14 (4')
H236575-04 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	1880		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			118 %		71.5-134	3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.2 %		48.2-134	3120725	MS	07-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			67.0 %		49.1-148	3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 15 (4')
H236575-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2000		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	118 %	71.5-134	3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane	55.3 %	48.2-134	3120725	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane	51.8 %	49.1-148	3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 16 (4')
H236575-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	896		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			120 %	71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			68.8 %	48.2-134		3120725	MS	07-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			64.7 %	49.1-148		3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 17 (4')
H236575-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1140		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		119 %		71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane		72.6 %		48.2-134		3120725	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane		68.0 %		49.1-148		3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 18 (4')
H236575-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1260		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134 3120722 JH/ 07-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane 78.0 % 48.2-134 3120725 MS 07-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148 3120725 MS 07-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 19 (4')
H236575-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1960		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			118 %		71.5-134	3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %		48.2-134	3120725	MS	08-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %		49.1-148	3120725	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 20 (4')
H236575-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	848		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			117 %	71.5-134		3120722	JH/	07-Dec-23	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
Surrogate: 1-Chlorooctane			75.1 %	48.2-134		3120725	MS	07-Dec-23	8015B	
Surrogate: 1-Chlorooctadecane			70.5 %	49.1-148		3120725	MS	07-Dec-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 21 (4')
H236575-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1360		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			120 %	71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			83.5 %	48.2-134		3120725	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			76.8 %	49.1-148		3120725	MS	07-Dec-23	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 22 (4')
H236575-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1230		16.0	mg/kg	4	3120812	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %		71.5-134	3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			68.3 %		48.2-134	3120725	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			63.0 %		49.1-148	3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 23 (4')
H236575-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1800		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134 3120722 JH/ 07-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane 77.7 % 48.2-134 3120725 MS 07-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148 3120725 MS 07-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 24 (4')
H236575-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	976		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			119 %	71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.3 %	48.2-134		3120725	MS	07-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.4 %	49.1-148		3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 25 (4')
H236575-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1340		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		118 %		71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane		71.4 %		48.2-134		3120725	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane		66.2 %		49.1-148		3120725	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 26 (4')
H236575-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1760		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			118 %		71.5-134	3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			67.6 %		48.2-134	3120725	MS	08-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			62.1 %		49.1-148	3120725	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 27 (4')
H236575-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2120		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			120 %	71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			115 %	48.2-134		3120725	MS	08-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %	49.1-148		3120725	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 28 (4')
H236575-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	928		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			118 %	71.5-134		3120722	JH/	07-Dec-23	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
Surrogate: 1-Chlorooctane			76.2 %	48.2-134		3120725	MS	08-Dec-23	8015B	
Surrogate: 1-Chlorooctadecane			70.4 %	49.1-148		3120725	MS	08-Dec-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 29 (4')
H236575-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1960		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			120 %	71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			60.8 %	48.2-134		3120725	MS	08-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			55.6 %	49.1-148		3120725	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 30 (4')
H236575-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1970		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120722	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120722	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			119 %	71.5-134		3120722	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120725	MS	08-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.6 %	48.2-134		3120725	MS	08-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			67.9 %	49.1-148		3120725	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 31 (4')
H236575-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1940		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.8 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.0 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 32 (4')
H236575-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	896		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.2 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.1 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 33 (4')
H236575-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1260		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			88.9 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			91.2 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

CS - 34 (4')
H236575-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2080		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.6 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.5 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 1**H236575-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			91.5 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			94.5 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 2**H236575-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			82.4 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			83.1 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 3**H236575-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			78.8 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			81.4 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 4**H236575-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			78.9 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			80.6 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 5**H236575-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			87.1 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			90.1 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 6**H236575-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			94.1 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			98.0 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 7**H236575-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	07-Dec-23	8015B	

Surrogate: 1-Chlorooctane			77.3 %	48.2-134		3120726	MS	07-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			79.0 %	49.1-148		3120726	MS	07-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 8**H236575-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3120809	AC	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	

Surrogate: 1-Chlorooctane			79.9 %	48.2-134		3120726	MS	08-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			83.3 %	49.1-148		3120726	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 9**H236575-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3120813	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	

Surrogate: 1-Chlorooctane			79.8 %	48.2-134		3120726	MS	08-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			82.2 %	49.1-148		3120726	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 10
H236575-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3120813	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	

Surrogate: 1-Chlorooctane			84.7 %	48.2-134		3120726	MS	08-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			86.3 %	49.1-148		3120726	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 11
H236575-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3120813	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			66.3 %	48.2-134		3120726	MS	08-Dec-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			67.2 %	49.1-148		3120726	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 12**H236575-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3120813	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	

Surrogate: 1-Chlorooctane			80.1 %	48.2-134		3120726	MS	08-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			81.4 %	49.1-148		3120726	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

SW - 13**H236575-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3120813	HM	08-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3120723	JH/	07-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3120723	JH/	07-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		106 %		71.5-134		3120723	JH/	07-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3120726	MS	08-Dec-23	8015B	

Surrogate: 1-Chlorooctane		87.5 %		48.2-134		3120726	MS	08-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane		91.1 %		49.1-148		3120726	MS	08-Dec-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3120809 - 1:4 DI Water**Blank (3120809-BLK1)**

Prepared & Analyzed: 08-Dec-23

Chloride	ND	16.0	mg/kg							
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LCS (3120809-BS1)

Prepared & Analyzed: 08-Dec-23

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (3120809-BSD1)

Prepared & Analyzed: 08-Dec-23

Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
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Batch 3120812 - 1:4 DI Water**Blank (3120812-BLK1)**

Prepared & Analyzed: 08-Dec-23

Chloride	ND	16.0	mg/kg							
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LCS (3120812-BS1)

Prepared & Analyzed: 08-Dec-23

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (3120812-BSD1)

Prepared & Analyzed: 08-Dec-23

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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Batch 3120813 - 1:4 DI Water**Blank (3120813-BLK1)**

Prepared & Analyzed: 08-Dec-23

Chloride	ND	16.0	mg/kg							
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LCS (3120813-BS1)

Prepared & Analyzed: 08-Dec-23

Chloride	416	16.0	mg/kg	400		104	80-120			
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3120813 - 1:4 DI Water**LCS Dup (3120813-BSD1)**

Prepared & Analyzed: 08-Dec-23

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

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
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Batch 3120722 - Volatiles**Blank (3120722-BLK1)**

Prepared & Analyzed: 07-Dec-23

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)	0.0596		mg/kg	0.0500		119	71.5-134			

LCS (3120722-BS1)

Prepared & Analyzed: 07-Dec-23

Benzene	2.00	0.050	mg/kg	2.00		100	82.8-130			
Toluene	2.09	0.050	mg/kg	2.00		105	86-128			
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	85.9-128			
m,p-Xylene	4.29	0.100	mg/kg	4.00		107	89-129			
o-Xylene	2.07	0.050	mg/kg	2.00		104	86.1-125			
Total Xylenes	6.36	0.150	mg/kg	6.00		106	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0571		mg/kg	0.0500		114	71.5-134			

LCS Dup (3120722-BSD1)

Prepared & Analyzed: 07-Dec-23

Benzene	1.85	0.050	mg/kg	2.00		92.6	82.8-130	7.85	15.8	
Toluene	1.91	0.050	mg/kg	2.00		95.7	86-128	8.83	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.4	85.9-128	8.11	16	
m,p-Xylene	3.97	0.100	mg/kg	4.00		99.3	89-129	7.69	16.2	
o-Xylene	1.90	0.050	mg/kg	2.00		94.9	86.1-125	8.85	16.7	
Total Xylenes	5.87	0.150	mg/kg	6.00		97.8	88.2-128	8.07	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0558		mg/kg	0.0500		112	71.5-134			

Batch 3120723 - Volatiles**Blank (3120723-BLK1)**

Prepared & Analyzed: 07-Dec-23

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 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

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
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Batch 3120723 - Volatiles**Blank (3120723-BLK1)**

Prepared & Analyzed: 07-Dec-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0523		mg/kg	0.0500		105	71.5-134			

LCS (3120723-BS1)

Prepared & Analyzed: 07-Dec-23

Benzene	2.19	0.050	mg/kg	2.00		109	82.8-130			
Toluene	2.15	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.13	0.050	mg/kg	2.00		107	85.9-128			
m,p-Xylene	4.68	0.100	mg/kg	4.00		117	89-129			
o-Xylene	2.07	0.050	mg/kg	2.00		104	86.1-125			
Total Xylenes	6.75	0.150	mg/kg	6.00		113	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	71.5-134			

LCS Dup (3120723-BS1)

Prepared & Analyzed: 07-Dec-23

Benzene	2.14	0.050	mg/kg	2.00		107	82.8-130	2.03	15.8	
Toluene	2.11	0.050	mg/kg	2.00		105	86-128	2.11	15.9	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	85.9-128	2.41	16	
m,p-Xylene	4.60	0.100	mg/kg	4.00		115	89-129	1.81	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		101	86.1-125	2.27	16.7	
Total Xylenes	6.62	0.150	mg/kg	6.00		110	88.2-128	1.95	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	71.5-134			

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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

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
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Batch 3120725 - General Prep - Organics**Blank (3120725-BLK1)**

Prepared: 07-Dec-23 Analyzed: 08-Dec-23

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	62.5		mg/kg	50.0		125	48.2-134			
Surrogate: 1-Chlorooctadecane	57.9		mg/kg	50.0		116	49.1-148			

LCS (3120725-BS1)

Prepared & Analyzed: 07-Dec-23

GRO C6-C10	188	10.0	mg/kg	200		94.2	66.4-123			
DRO >C10-C28	167	10.0	mg/kg	200		83.4	66.5-118			
Total TPH C6-C28	355	10.0	mg/kg	400		88.8	77.6-123			
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.2	48.2-134			
Surrogate: 1-Chlorooctadecane	46.0		mg/kg	50.0		92.1	49.1-148			

LCS Dup (3120725-BS1)

Prepared & Analyzed: 07-Dec-23

GRO C6-C10	186	10.0	mg/kg	200		93.0	66.4-123	1.33	17.7	
DRO >C10-C28	172	10.0	mg/kg	200		85.8	66.5-118	2.87	21	
Total TPH C6-C28	357	10.0	mg/kg	400		89.4	77.6-123	0.667	18.5	
Surrogate: 1-Chlorooctane	45.8		mg/kg	50.0		91.7	48.2-134			
Surrogate: 1-Chlorooctadecane	45.8		mg/kg	50.0		91.7	49.1-148			

Batch 3120726 - General Prep - Organics**Blank (3120726-BLK1)**

Prepared & Analyzed: 07-Dec-23

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	24.3		mg/kg	50.0		48.6	48.2-134			
Surrogate: 1-Chlorooctadecane	24.7		mg/kg	50.0		49.4	49.1-148			

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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: EVGSAU 2717-006
Project Number: EVGSAU 2717-006
Project Manager: CHUCK TERHUNE
Fax To: (432) 682-3946

Reported:
08-Dec-23 12:42

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
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Batch 3120726 - General Prep - Organics**LCS (3120726-BS1)**

Prepared & Analyzed: 07-Dec-23

GRO C6-C10	178	10.0	mg/kg	200		89.0	66.4-123			
DRO >C10-C28	176	10.0	mg/kg	200		88.2	66.5-118			
Total TPH C6-C28	354	10.0	mg/kg	400		88.6	77.6-123			
Surrogate: 1-Chlorooctane	48.9		mg/kg	50.0		97.8	48.2-134			
Surrogate: 1-Chlorooctadecane	46.4		mg/kg	50.0		92.9	49.1-148			

LCS Dup (3120726-BS1)

Prepared & Analyzed: 07-Dec-23

GRO C6-C10	177	10.0	mg/kg	200		88.7	66.4-123	0.297	17.7	
DRO >C10-C28	171	10.0	mg/kg	200		85.3	66.5-118	3.28	21	
Total TPH C6-C28	348	10.0	mg/kg	400		87.0	77.6-123	1.77	18.5	
Surrogate: 1-Chlorooctane	47.8		mg/kg	50.0		95.6	48.2-134			
Surrogate: 1-Chlorooctadecane	51.0		mg/kg	50.0		102	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



P. 1 of 1

Page 48 of 51



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

P. 2 of 4

Company Name: TetraTech		P.O. #:		ANALYSIS REQUEST	
Project Manager: Chuck Terhune		Company: TetraTech			
Address:		Attn: Chuck Terhune			
City:	State:	Zip:			
Phone #:	Fax #:	Address:			
Project #:	Project Owner: Navent	City:			
Project Name: Erskin 0717-006		State:	Zip:		
Project Location: Lea Co. NM		Phone #:			
Sampler Name: Adrian Garcia		Fax #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :													
11	CS-21 (4')	G	1	X						X	12/7		X									
12	CS-22 (4')	G	1	X						X	12/7		X									
13	CS-23 (4')	G	1	X						X	12/7		X									
14	CS-24 (4')	G	1	X						X	12/7		X									
15	CS-25 (4')	G	1	X						X	12/7		X									
16	CS-26 (4')	G	1	X						X	12/7		X									
17	CS-27 (4')	G	1	X						X	12/7		X									
18	CS-28 (4')	G	1	X						X	12/7		X									
19	CS-29 (4')	G	1	X						X	12/7		X									
20	CS-30 (4')	G	1	X						X	12/7		X									

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Relinquished By: Adrian Garcia	Date: 12/17/23	Received By: Stoddard	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
Relinquished By: Adrian Garcia	Date: 12/17/23	Received By: Stoddard	All Results are emailed. Please provide Email address:

Delivered By: (Circle One)	Observed Temp. °C: 2-8	Sample Condition	CHECKED BY: (initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C:	<input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard Thermometer ID: #140 Correction Factor °C: #140 Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C

REMARKS: **discussed head space on samples w/ customer, he said run them. Stoddard 12/17**

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



p. 3 of 4

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

P. 4 of 4

Company Name: Tetra Tech Project Manager: Chuck Terhune Address: City: State: Zip: Phone #: Fax #: Project #: Project Name: Evans 2717-006 Project Location: Lea Co. NM Sampler Name: Aden Garcia FOR LAB USE ONLY		BILL TO P.O. #: Company: Tetra Tech Attn: Chuck Terhune Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST									
Lab I.D. 10370575 31 33 34 35 36 37		Sample I.D. SW-7 SW-8 SW-9 SW-10 SW-11 SW-12 SW-13		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		MATRIX PRESERV. SAMPLING		DATE 2/23 TIME 12/7					
Relinquished By: <i>Aden Garcia</i> Relinquished Date: 12/17/23 Relinquished Time: 1:30 PM		Received By: <i>Shedrick</i> Received Date: 12/17/23 Received Time: 1:30 PM		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:		REMARKS: discussed road space on samples w/ customer, he said run them Shedrick turnaround time: Standard <input checked="" type="checkbox"/> Rapid <input type="checkbox"/> Thermometer ID #140 <input checked="" type="checkbox"/> <input type="checkbox"/> Correction Factor 0°C <input checked="" type="checkbox"/> <input type="checkbox"/> Bacteria (only) Sample Condition <input checked="" type="checkbox"/> <input type="checkbox"/> Cool Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Observed Temp. °C 12.7-13.3 Corrected Temp. °C							

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

December 11, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717-006

Enclosed are the results of analyses for samples received by the laboratory on 12/08/23 14:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 35 (4') (H236586-01)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.25	113	2.00	8.76		
Toluene*	<0.050	0.050	12/08/2023	ND	2.14	107	2.00	8.05		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.19	109	2.00	6.93		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.49	108	6.00	6.12		
Total BTEx	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	12/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	<10.0	10.0	12/08/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 36 (4') (H236586-02)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.25	113	2.00	8.76		
Toluene*	<0.050	0.050	12/08/2023	ND	2.14	107	2.00	8.05		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.19	109	2.00	6.93		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.49	108	6.00	6.12		
Total BTEx	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	12/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	<10.0	10.0	12/08/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 37 (4') (H236586-03)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.25	113	2.00	8.76		
Toluene*	<0.050	0.050	12/08/2023	ND	2.14	107	2.00	8.05		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.19	109	2.00	6.93		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.49	108	6.00	6.12		
Total BTEx	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1660	16.0	12/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	32.7	10.0	12/08/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 38 (4') (H236586-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.25	113	2.00	8.76		
Toluene*	<0.050	0.050	12/08/2023	ND	2.14	107	2.00	8.05		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.19	109	2.00	6.93		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.49	108	6.00	6.12		
Total BTEX	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1280	16.0	12/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	<10.0	10.0	12/09/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	12/09/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/08/2023
 Reported: 12/11/2023
 Project Name: EVGSAU 2717-006
 Project Number: 212C - MD - 02377
 Project Location: MAVERICK - LEA CO NM

Sampling Date: 12/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 39 (4') (H236586-05)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2023	ND	2.25	113	2.00	8.76	
Toluene*	<0.050	0.050	12/08/2023	ND	2.14	107	2.00	8.05	
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.19	109	2.00	6.93	
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.49	108	6.00	6.12	
Total BTEX	<0.300	0.300	12/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2030	16.0	12/11/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	51.4	10.0	12/09/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	18.6	10.0	12/09/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 40 (4') (H236586-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.25	113	2.00	8.76		
Toluene*	<0.050	0.050	12/08/2023	ND	2.14	107	2.00	8.05		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.19	109	2.00	6.93		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.49	108	6.00	6.12		
Total BTEx	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	<10.0	10.0	12/09/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	12/09/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 41 (4') (H236586-07)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.25	113	2.00	8.76		
Toluene*	<0.050	0.050	12/08/2023	ND	2.14	107	2.00	8.05		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.19	109	2.00	6.93		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.49	108	6.00	6.12		
Total BTEx	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	<10.0	10.0	12/09/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	12/09/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 42 (4') (H236586-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02	
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14	
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65	
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53	
Total BTEX	<0.300	0.300	12/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	12/11/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	17.1	10.0	12/09/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	12/09/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 43 (4') (H236586-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2023	ND	198	99.2	200	0.423	
DRO >C10-C28*	<10.0	10.0	12/09/2023	ND	193	96.6	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	12/09/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 44 (4') (H236586-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEx	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/08/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 61.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.3 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS - 45 (4') (H236586-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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Analytical Results For:

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

Received: 12/08/2023
 Reported: 12/11/2023
 Project Name: EVGSAU 2717-006
 Project Number: 212C - MD - 02377
 Project Location: MAVERICK - LEA CO NM

Sampling Date: 12/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 14 (H236586-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	12.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 15 (H236586-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02	
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14	
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65	
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53	
Total BTEX	<0.300	0.300	12/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/11/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 56.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 49.8 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 16 (H236586-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 17 (H236586-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 18 (H236586-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 19 (H236586-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	10.5	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 20 (H236586-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 21 (H236586-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	12.1	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 22 (H236586-20)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTX	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 23 (H236586-21)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTX	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 24 (H236586-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/08/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Analytical Results For:

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

Received:	12/08/2023	Sampling Date:	12/08/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 25 (H236586-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/08/2023	ND	2.15	107	2.00	8.02		
Toluene*	<0.050	0.050	12/08/2023	ND	2.00	100	2.00	8.14		
Ethylbenzene*	<0.050	0.050	12/08/2023	ND	2.06	103	2.00	7.65		
Total Xylenes*	<0.150	0.150	12/08/2023	ND	6.03	100	6.00	7.53		
Total BTEX	<0.300	0.300	12/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2023	ND	195	97.3	200	0.918	
DRO >C10-C28*	<10.0	10.0	12/11/2023	ND	164	82.0	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	12/11/2023	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(1 of 3)

Company Name: TetraTech		P.O. #:		BILL TO		ANALYSIS REQUEST					
Project Manager: Chuck Terhune		Company: TetraTech									
Address:		Attn: Chuck Terhune									
City:		Address:									
State: NM		City:									
Zip:		State:									
Phone #:		Fax #:									
Project #: Evgsu 2717-006		Project Owner: Martinez									
Project Name: Evgsu		City:									
Project Location: Leads, NM		State:									
Fax #:		Zip:									
Sample Name: Adrian Gatz		Fax #:									
FOR LAB USE ONLY		PRESERV.		SAMPLING							
Lab I.D.		Sample I.D.									
CS-35 (4')		(G)RAB OR (C)OMP.									
CS-36 (4')		# CONTAINERS									
CS-37 (4')		GROUNDWATER									
CS-38 (4')		WASTEWATER									
CS-39 (4')		SOIL									
CS-40 (4')		OIL									
CS-41 (4')		SLUDGE									
CS-42 (4')		OTHER:									
CS-43 (4')		ACID/BASE:									
CS-44 (4')		ICE / COOL									
		OTHER:									
DATE		TIME									
12/8		12/8									
Chloride		X									
BTEX		X									
TPH		X									

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Relinquished By: **Chuck Terhune** Date: **12/8/23** Time: **4:12** Received By: **Shedrick** Date: **12/8/23** Time: **4:12**

Delivered By: (Circle One) Observed Temp. °C: **-1.1°C** Corrected Temp. °C: **1.1°C** Sample Condition: **Intact** CHECKED BY: **SL** Turnaround Time: **Standard** Bacteria (only) Sample Condition: **Intact** Observed Temp. °C: **24.4°C** Corrected Temp. °C: **24.4°C**

Sampler - UPS - Bus - Other: **UPS**

FORM 0001-3-4 07/11/23

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(2 of 3)

Company Name: TetaTech

Project Manager: Chuck Terhune

Address:

City:

Phone #: 8717 666 **Fax #:**

Project #:

Project Name:

Project Location: Lea Co. NM

Sampler Name: Adrian Gads

State: NM **Zip:**

Attn: Chuck Terhune

Address:

City:

State: **Zip:**

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	SAMPLING
#B3580	CS-45 (4')					X					X		12/8		X
11	SW-14														X
13	SW-15														X
14	SW-16														X
15	SW-17														X
16	SW-18														X
17	SW-19														X
18	SW-20														X
19	SW-21														X
20	SW-22														X

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Relinquished By: [Signature]

Date: 12/8/23

Time: 1412

Relinquished By:

Received By: [Signature]

Date:

Time:

Received By:

REMARKS:

Chloride

BTEX

TPH

Turnaround Time:

Thermometer ID #140

Correction Factor 0°C

Standard ☐ **Add'l Phone #:**

Rush ☒ **Sample Condition**

24 Hrs! ☐ **Observed Temp. °C**

Corrected Temp. °C



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(3 of 3.)

Company Name: Tetratech Project Manager: Chude Tchue Address: _____ City: _____ State: NM Zip: _____ Phone #: 505-271-0000 Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ Project Location: La Cima NM Sampler Name: Adnan Garcia				BILL TO P.O. #: _____ Company: Tetratech Attn: Chude Tchue Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____				ANALYSIS REQUEST			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of when, where, or how such claim is based upon any of the above stated reasons or otherwise.											
Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____ Remarks: _____				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____							
Delivered By: (Circle One) Sample - UPS - Bus - Other: _____ Observed Temp. °C: _____ Corrected Temp. °C: _____ Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: _____				Turnaround Time: _____ Thermometer ID #140 Correction Factor 0°C: _____ Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition: _____ Observed Temp. °C: _____ Corrected Temp. °C: _____							
Lab I.D. _____ Sample I.D. _____ H430584 21 SW-23 22 SW-24 23 SW-25				(G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____ DATE _____ TIME _____				Chloride _____ BTEX _____ TPH _____			



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

December 13, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717-006

Enclosed are the results of analyses for samples received by the laboratory on 12/12/23 14:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 46 (4') (H236630-01)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	215	107	200	3.70		
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	205	102	200	0.766		
EXT DRO >C28-C36	<10.0	10.0	12/12/2023	ND						

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 47 (4') (H236630-02)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	215	107	200	3.70	
DRO >C10-C28*	10.7	10.0	12/12/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 48 (4') (H236630-03)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233	
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59	
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2	
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1	
Total BTEX	<0.300	0.300	12/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	12/13/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	26.2	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 49 (4') (H236630-04)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	31.0	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	10.6	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 50 (4') (H236630-05)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	11.7	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 51 (4') (H236630-06)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	29.7	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	10.8	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 52 (4') (H236630-07)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233	
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59	
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2	
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1	
Total BTEX	<0.300	0.300	12/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	12/13/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	11.8	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 53 (4') (H236630-08)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 54 (4') (H236630-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	21.4	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 55 (4') (H236630-10)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	19.2	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 56 (4') (H236630-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	30.2	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	11.2	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 57 (4') (H236630-12)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	27.1	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 58 (4') (H236630-13)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	41.7	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	18.7	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 59 (4') (H236630-14)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233	
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59	
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2	
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1	
Total BTEX	<0.300	0.300	12/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	12/13/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	26.3	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 60 (4') (H236630-15)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEx	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	12/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 61 (2') (H236630-16)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 62 (2') (H236630-17)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEx	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 63 (2') (H236630-18)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 64 (2') (H236630-19)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	10.9	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/12/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: CS 65 (2') (H236630-20)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.0233		
Toluene*	<0.050	0.050	12/12/2023	ND	2.40	120	2.00	7.59		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.54	127	2.00	10.2		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	7.67	128	6.00	11.1		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	215	107	200	3.70	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	205	102	200	0.766	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 26 (H236630-21)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828	
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98	QR-03
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27	QR-03
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72	QR-03
Total BTX	<0.300	0.300	12/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 27 (H236630-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEx	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	11.2	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 28 (H236630-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 29 (H236630-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 30 (H236630-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 31 (H236630-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEx	<0.300	0.300	12/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/13/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	11.9	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 32 (H236630-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	10.9	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 33 (H236630-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	18.5	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 34 (H236630-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEX	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	16.4	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Analytical Results For:

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

Received:	12/12/2023	Sampling Date:	12/11/2023
Reported:	12/13/2023	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Dionica Hinojos
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 35 (H236630-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2023	ND	2.26	113	2.00	0.828		
Toluene*	<0.050	0.050	12/12/2023	ND	2.21	110	2.00	2.98		
Ethylbenzene*	<0.050	0.050	12/12/2023	ND	2.32	116	2.00	4.27		
Total Xylenes*	<0.150	0.150	12/12/2023	ND	6.86	114	6.00	4.72		
Total BTEx	<0.300	0.300	12/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2023	ND	198	99.0	200	1.52	
DRO >C10-C28*	<10.0	10.0	12/12/2023	ND	194	97.1	200	3.34	
EXT DRO >C28-C36	16.2	10.0	12/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

452

Company Name: TetraTech		BILL TO		ANALYSIS REQUEST	
Project Manager: Chuck Terhune					
Address:		P.O. #:			
City:		Company: TetraTech			
State: NM Zip:		Attn: Chuck Terhune			
Phone #:		Address:			
Fax #:		City:			
Project #: 2917-026		State: Zip:			
Project Location: Lea Co		Phone #:			
Sample Name: Adriana Garcia		Fax #:			

FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME
		MATRIX			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 8.9°C Corrected Temp. °C	Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials)
Relinquished By:	Date: 12/12 Time: 1445	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
REMARKS:			

Turnaround Time:	Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Observed Temp. °C Corrected Temp. °C
Thermometer ID #140 Correction Factor 0°C	24 hr.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 4

Company Name: Tetateen		P.O. #:		BILL TO				ANALYSIS REQUEST			
Project Manager: Chuck Terhune		Company: Tetateen									
Address:		Attn: Chuck Terhune									
City:		Address:									
State: NM Zip:		City:									
Phone #:		Address:									
Fax #:		City:									
Project #:		State:									
Project Name: Englan 2717-006		Zip:									
Project Location: Lea Co NM		Phone #:									
Sampler Name: Adnan Gaur		Fax #:									
FOR LAB USE ONLY											
Lab I.D.											
Sample I.D.											
H33A030											
21 SW a6		61		X				Chloride			
22 SW a7		61		X				TPH			
23 SW a8		61		X				BTEX			
24 SW a9		61		X							
25 SW 30		61		X							
26 SW 31		61		X							
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4 of 4

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 5 – PHOTOGRAPHIC DOCUMENTATION



☀ 187°S (T) ● 32.800873°N, 103.439677°W ±13ft ▲ 3930ft

Excavation
Maverick - P&A wells

Evgsau 2717-006
11 Dec 2023, 14:07:06



☀ 6°N (T) ● 32.800338°N, 103.439866°W ±13ft ▲ 3927ft





☀ 360°N (T) ● 32.800741°N, 103.439948°W ±13ft ▲ 3925ft



Excavation
Maverick

Evgsau 2717-006
11 Dec 2023, 14:11:15

SE

S

SW

W

120

150

180

210

240

270

☀ 194°S (T) ● 32.800966°N, 103.439615°W ±13ft ▲ 3897ft



Excavation Backfill
Maverick

EVGSAU 2717-006
20 Dec 2023, 10:42:44



☀ 240°SW (T) ● 32.800964°N, 103.439665°W ±9ft ▲ 3923ft



Excavation Backfill
Maverick

EVGSAU 2717-006
20 Dec 2023, 10:50:51

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

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 (<i>Gaillardia</i>)	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>.



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 318437

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID:
	331199
	Action Number:
	318437
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nPAC0801030962
Incident Name	NPAC0801030962 EVGSAU 2717-006 @ 30-025-20835
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-20835] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Please answer all the questions in this group.	
Site Name	EVGSAU 2717-006
Date Release Discovered	12/23/2007
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Natural Gas 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: Equipment Failure Well Crude Oil Released: 5 BBL Recovered: 1 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 21 BBL Recovered: 9 BBL Lost: 12 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)	On Sunday December 23,2007 at 1300 hrs, a leak was discovered coming from the stuffing box of EVGSAU 2717-006, which is located 1 mile east ofthe Buckeye Production Office. Amount spilled was 5 bbls of oil and 21 bbls of produced water. The spill was not contained and affected 110' X 250' of pad and pasture. No cattle were in the area at the time ofthe release. The site will be remediated in accordance with NMOCD guidelines.

District I

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

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

District III

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

District IV

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

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

QUESTIONS, Page 2

Action 318437

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID:	331199
	Action Number:	318437
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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@tetrattech.com Date: 03/13/2024
--	--

District I

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Phone:(575) 393-6161 Fax:(575) 393-0720

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 318437

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID:	331199
	Action Number:	318437
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (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 ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
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)	4260
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	1020
GRO+DRO	(EPA SW-846 Method 8015M)	631
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.1
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

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	11/21/2023
On what date will (or did) the final sampling or liner inspection occur	12/22/2023
On what date will (or was) the remediation complete(d)	12/12/2023
What is the estimated surface area (in square feet) that will be reclaimed	36000
What is the estimated volume (in cubic yards) that will be reclaimed	5475
What is the estimated surface area (in square feet) that will be remediated	36000
What is the estimated volume (in cubic yards) that will be remediated	5475

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.

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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1000 Rio Brazos Rd., Aztec, NM 87410
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District IV

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

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Oil Conservation Division
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Action 318437

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID:	331199
	Action Number:	318437
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

(Select all answers below that apply.)

(Ex Situ) Excavation and 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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Chuck Terhune Email: chuck.terhune@tetrattech.com Date: 03/13/2024
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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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Action 318437

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID:
	331199
	Action Number:
	318437
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

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QUESTIONS, Page 6

Action 318437

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID:	331199
	Action Number:	318437
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	322827
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/12/2023
What was the (estimated) number of samples that were to be gathered	30
What was the sampling surface area in square feet	10000

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	30000
What was the total volume (cubic yards) remediated	4096
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	30000
What was the total volume (in cubic yards) reclaimed	4096
Summarize any additional remediation activities not included by answers (above)	None

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@tetrattech.com Date: 03/13/2024
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QUESTIONS, Page 7

Action 318437

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 318437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 318437

CONDITIONS

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	331199
	Action Number:
	318437
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	3/20/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	3/20/2024