



April 12, 2022

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

**Re: Release Characterization and Remediation Work Plan
ConocoPhillips
EVGSAU 3440-002 Flowline Release
Unit Letter K, Section 34, Township 17 South, Range 35 East
Lea County, New Mexico
Incident ID NRH2003532478**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to assess a release that occurred from the flowline associated with the East Vacuum Grayburg San Andres Unit (EVGSAU) 3440-002 well (Associated API No. 30-025-03008). The release footprint is located in Public Land Survey System (PLSS) Unit Letter K, Section 34, Township 17 South, Range 35 East, Lea County, New Mexico (Site). The release site coordinates are 32.7894821°, -103.4476547°. The Site location is shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release was discovered on January 2, 2020. The release occurred as the result of a flowline leak affecting a total area of 8,470 square feet. Approximately 1.4 barrels (bbls) of crude oil and 53.7 bbls of produced water were released, of which approximately 0 bbls of fluids were recovered. The New Mexico Oil Conservation District (NMOCD) received and approved the C-141 report form for the release on January 1, 2020. The NMOCD Incident ID for the release is NRH2003532478.

SITE CHARACTERIZATION

A site characterization was performed 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 19.15.0029 New Mexico Administrative Code (NMAC). The Site is within a New Mexico oil and gas production area and is in an area of low karst potential.

According to the New Mexico Office of the State Engineer (NMOSE) reporting system, there are eight water wells within ½ mile (800 meters) of the Site. The wells have an average depth to groundwater of 60 feet below ground surface (bgs). The site characterization data is included in Appendix B.

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

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site are as follows:

Constituent	Remediation RRAL
Chloride	10,000 mg/kg
TPH	2,500 mg/kg
BTEX	50 mg/kg

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

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg

INITIAL RESPONSE AND SITE ASSESSMENT

In accordance with 19.15.29.8.B.(4) NMAC that states “the responsible party may commence remediation immediately after discovery of a release”, COP elected to begin remediation of the impacted area in 2020. Two sections of the release footprint were excavated by COP subcontractor McNabb Partners with heavy equipment. An eastern portion of the release footprint was excavated approximately 1-foot bgs and a western portion was excavated approximately 2 to 3 feet bgs to remove the visually impacted soils. Figure 3 depicts the initial release extent and the areas excavated as part of the initial response activities. Approximately 256 cubic yards of contaminated material were removed and transported to an NMOCD-approved facility. Waste manifests are included in Appendix C.

Tetra Tech personnel were onsite to delineate and sample the release area in 2020. Soil samples were collected within and around the release extent to evaluate the vertical and horizontal extent of the release. Prior to the submittal of a Release Characterization and Remediation Work Plan report to the NMOCD, a subsequent release (Incident ID NAPP2129936218) occurred in October 2021 that coincided with the January 2020 release footprint. Thus, the laboratory analytical results associated with the August and September 2020 soil assessments were no longer applicable in characterizing the existing contamination. Therefore, an additional site assessment was conducted following the October 2021 release to characterize the two, overlapping release areas.

ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

Tetra Tech personnel were onsite to delineate and sample the release area on February 16 and 17, 2022 and March 8, 2022. A total of seventeen (17) borings (BH-22-01 through BH-22-17) were installed to define the extents of the release and to assess the extent of impacted soil. BH-22-01 through BH-22-06 were installed within the release footprint to delineate the vertical extent of impacted soil. BH-22-07 through BH-22-17 were installed around the perimeter of the release footprint to delineate the horizontal extent of impacted soil. Soil boring logs from the February and March 2022 assessment activities are included as Appendix D. The boring locations are shown on Figure 3.

A total of fifty-five (55) soil samples were collected from the 17 boring locations. These samples were submitted to Cardinal Laboratories (Cardinal) to be analyzed for Total Petroleum Hydrocarbons (TPH) via Method 8015 Modified, chloride via Method SM4500Cl-B, and benzene, toluene, ethylbenzene and xylenes (BTEX) via Method 8021B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix E.

SUMMARY OF SAMPLING RESULTS

Results from the February and March 2022 soil sampling event are summarized in Table 1. Analytical results associated with borings BH-22-01 through BH-22-08 exceeded the reclamation requirements for chloride (600 mg/kg) and/or TPH (100 mg/kg) in soils to a depth of 3 feet below surrounding grade. All other analytical results were below reclamation requirements and Site RRALs. After review of analytical results from the sampling event, both horizontal and vertical delineation was achieved during the February and March 2022 assessment activities. Photographic documentation from the site assessment activities is included in Appendix F.

REMEDIATION WORK PLAN

Based on the analytical results from the site assessment, COP proposes to remove impacted material within the release extent as shown in Figure 4. Impacted soils will be excavated using heavy equipment (backhoes, hoe rams, and track hoes) to a maximum depth of 4 feet below the surrounding surface or until a representative sample from the walls and bottom of the excavation is below the Site RRALs and reclamation requirements for soils above 4 feet bgs. Heavy equipment will come no more than 4 ft from any pressurized lines. Impacted soils within the vicinity of the surface and subsurface lines which intersect the release footprint will be dug by hand to 4 feet or the maximum extent practicable.

Excavated soils will be transported offsite and disposed of at an NMOCD-approved or permitted facility. Confirmation floor and sidewall samples will be collected for verification of remedial activities, and analyzed for TPH, BTEX, and chlorides. Once results are received, NMOCD will be notified and the excavation will then be backfilled with clean material to surface grade. The estimated volume of material to be remediated is approximately 1,600 cubic yards.

ALTERNATIVE CONFIRMATION SAMPLING PLAN

In accordance with 19.15.29.12(D)(1)(b) NMAC, ConocoPhillips proposes the following alternative confirmation sampling plan to adhere with NMOCD requirements. The proposed confirmation sample locations are depicted in Figure 5. Eighteen (18) confirmation floor samples and thirty (30) confirmation sidewall samples are proposed for verification of remedial activities. The proposed excavation encompasses a surface area of approximately 13,000 square feet.

These confirmation sidewall and floor samples will be representative of no more than approximately 500 square feet of excavated area. Confirmation samples will be sent to an accredited laboratory for analysis of TPH (Method 8015 modified), BTEX (Method 8260B), and chloride (USEPA Method 300.0/4500.0).

REVEGETATION PLAN

The backfilled areas will be seeded in Spring 2022 (first favorable growing season) to aid in revegetation. Based on the soils at the site, the New Mexico State Land Office (NMSLO) Loamy (L) Sites Seed Mixture will be used for seeding and will be planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture will be spread by a drill equipped with a depth regulator or a hand-held broadcaster and raked. If a hand-held broadcaster is used for dispersal, the pounds pure live seed per acre will be doubled.

Site inspections will be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO will be

Release Characterization and Remediation Work Plan
April 12, 2021

ConocoPhillips

contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. The NMSLO seed mixture details and corresponding pounds pure live seed per acre are included in Appendix G.

CONCLUSION

ConocoPhillips proposes to begin remediation activities at the Site within 120 days of NMOCD plan approval. A separate Remediation Work Plan for incident ID NAPP2129936218 will be submitted simultaneously with this Remediation Work Plan for incident ID NRH2003532478. As the release footprints coincide and the remediation work plans are nearly identical, should this Work Plan gain NMOCD approval alongside the NRH2003532478 Work Plan, COP requests the opportunity to remediate both release extents concurrently.

If this is acceptable, upon completion of the proposed work, a final closure report detailing the remediation activities and the results of the confirmation sampling will be submitted to NMOCD for each release incident. If you have any questions concerning the soil assessment or the proposed remediation activities for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,

Tetra Tech, Inc.



Ryan C. Dickerson
Project Manager



Christian M. Llull, P.G.
Program Manager

cc:

Mr. Sam Widmer, RMR – ConocoPhillips

List of Attachments

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Soil Assessment
- Figure 5 – Proposed Remediation Extents
- Figure 6 – Alternative Confirmation Sampling Plan

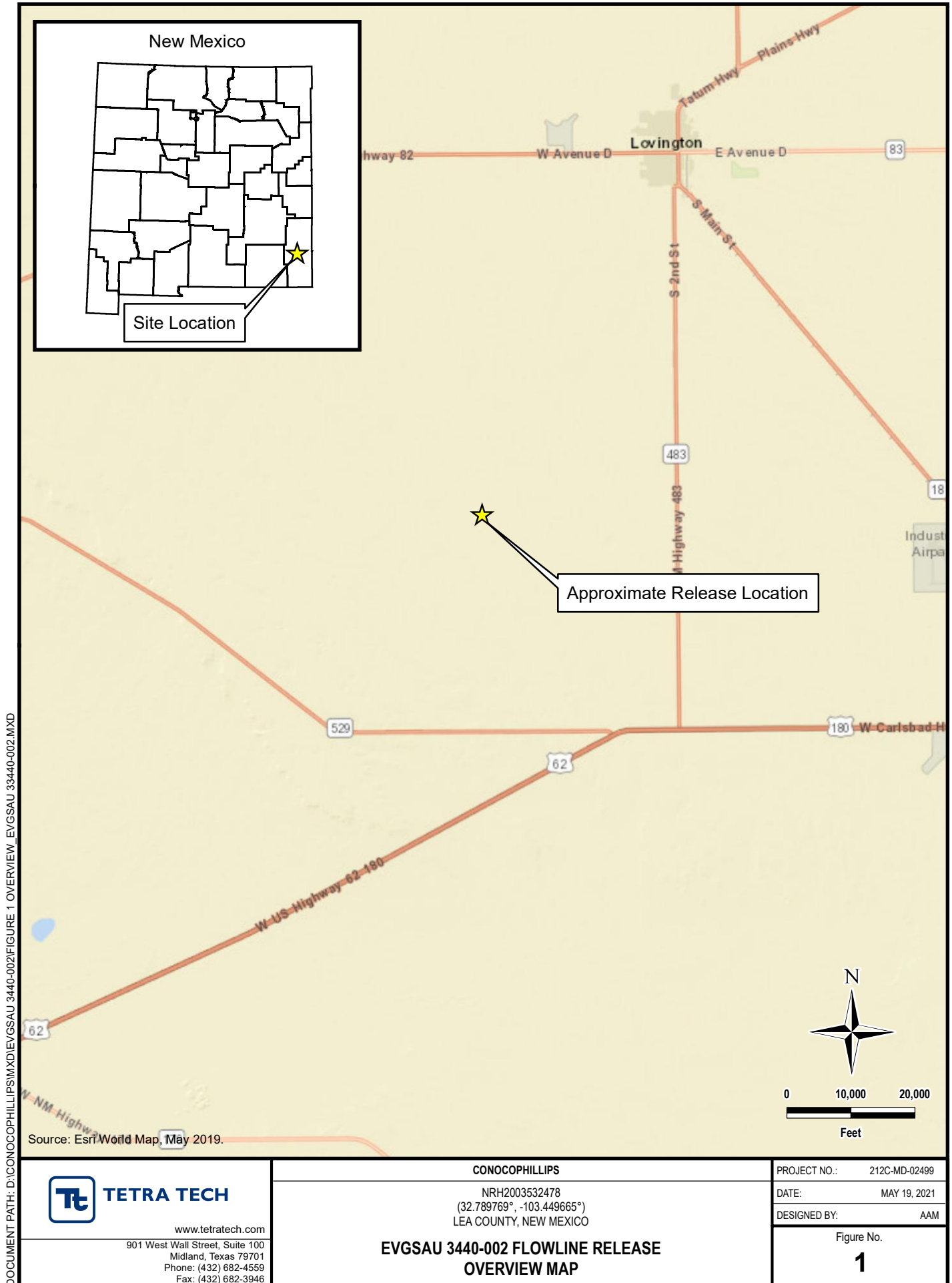
Tables:

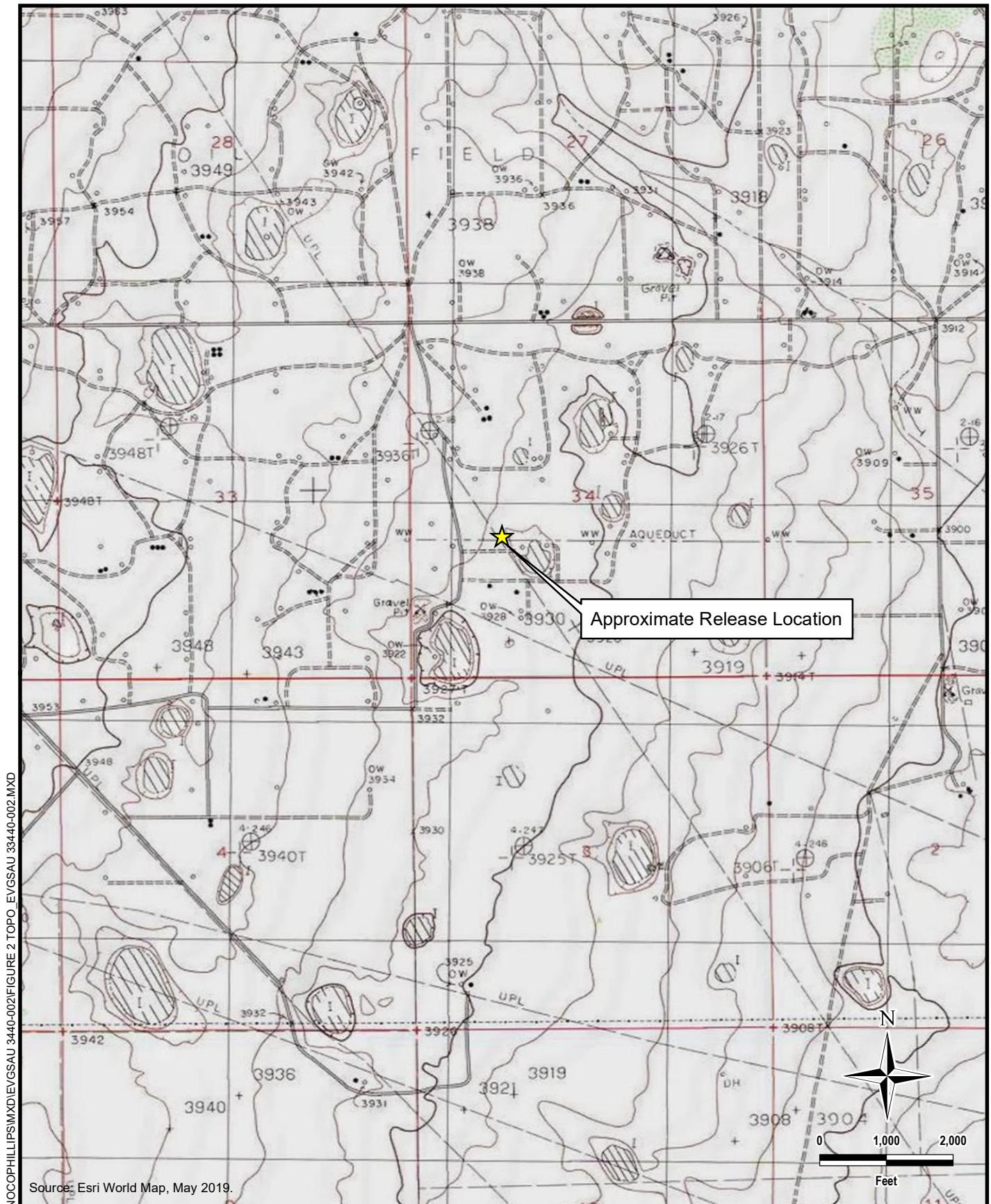
- Table 1 – Summary of Analytical Results – Soil Assessment

Appendices:

- Appendix A – C-141 Form
- Appendix B – Site Characterization Data
- Appendix C – Waste Manifests
- Appendix D – Soil Boring Logs
- Appendix E – Laboratory Analytical Data
- Appendix F – Photographic Documentation
- Appendix G – NMSLO Seed Mixture Details

FIGURES





DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\EVGSAU 3440-002\FIGURE 2 TOPO EVGSAU 33440-002.MXD


TETRA TECH
www.tetrattech.com

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

CONOCOPHILLIPS

 NRH2003532478
 (32.789769°, -103.449665°)
 LEA COUNTY, NEW MEXICO

**EVGSAU 3440-002 FLOWLINE RELEASE
 TOPOGRAPHIC MAP**

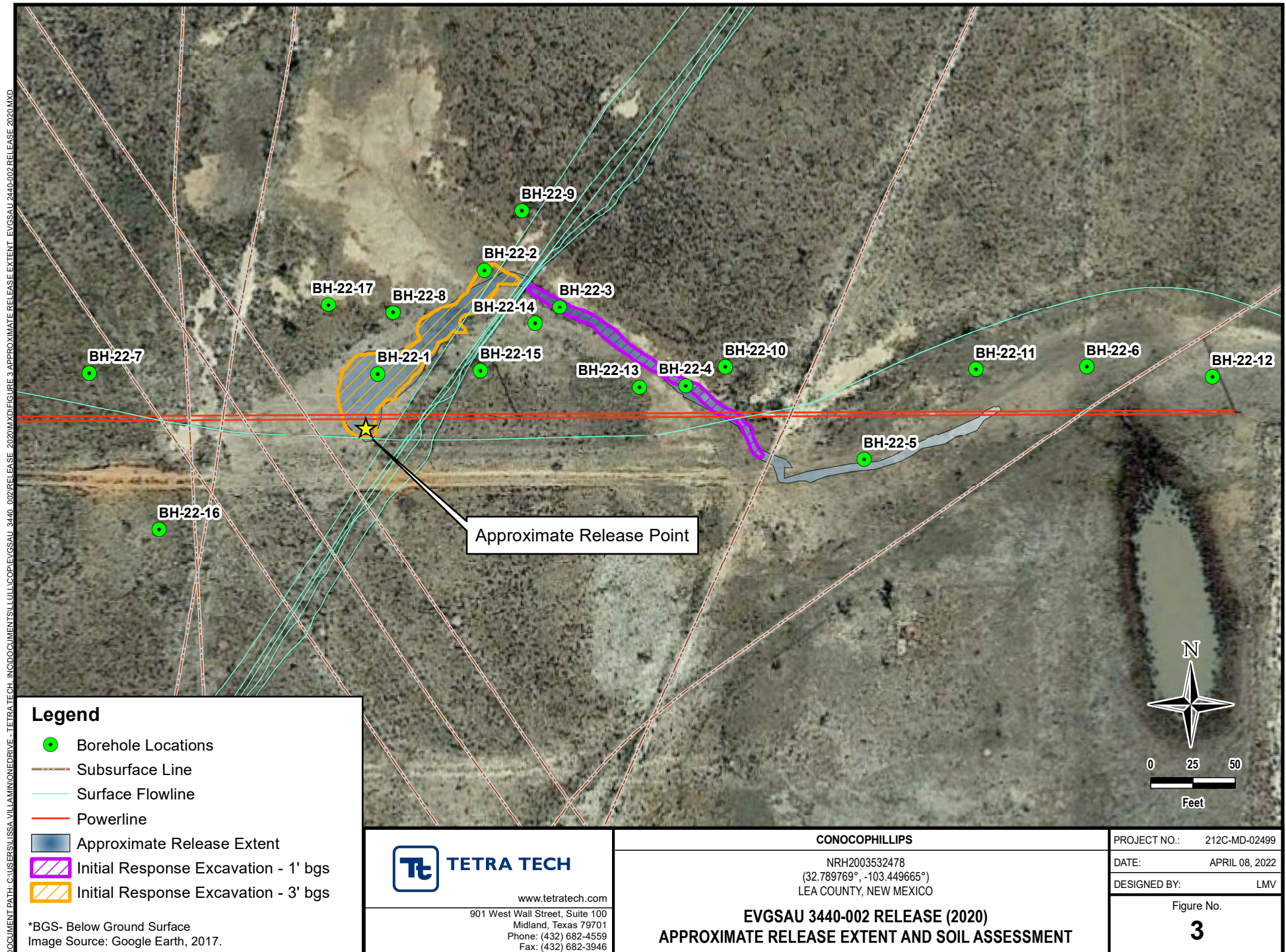
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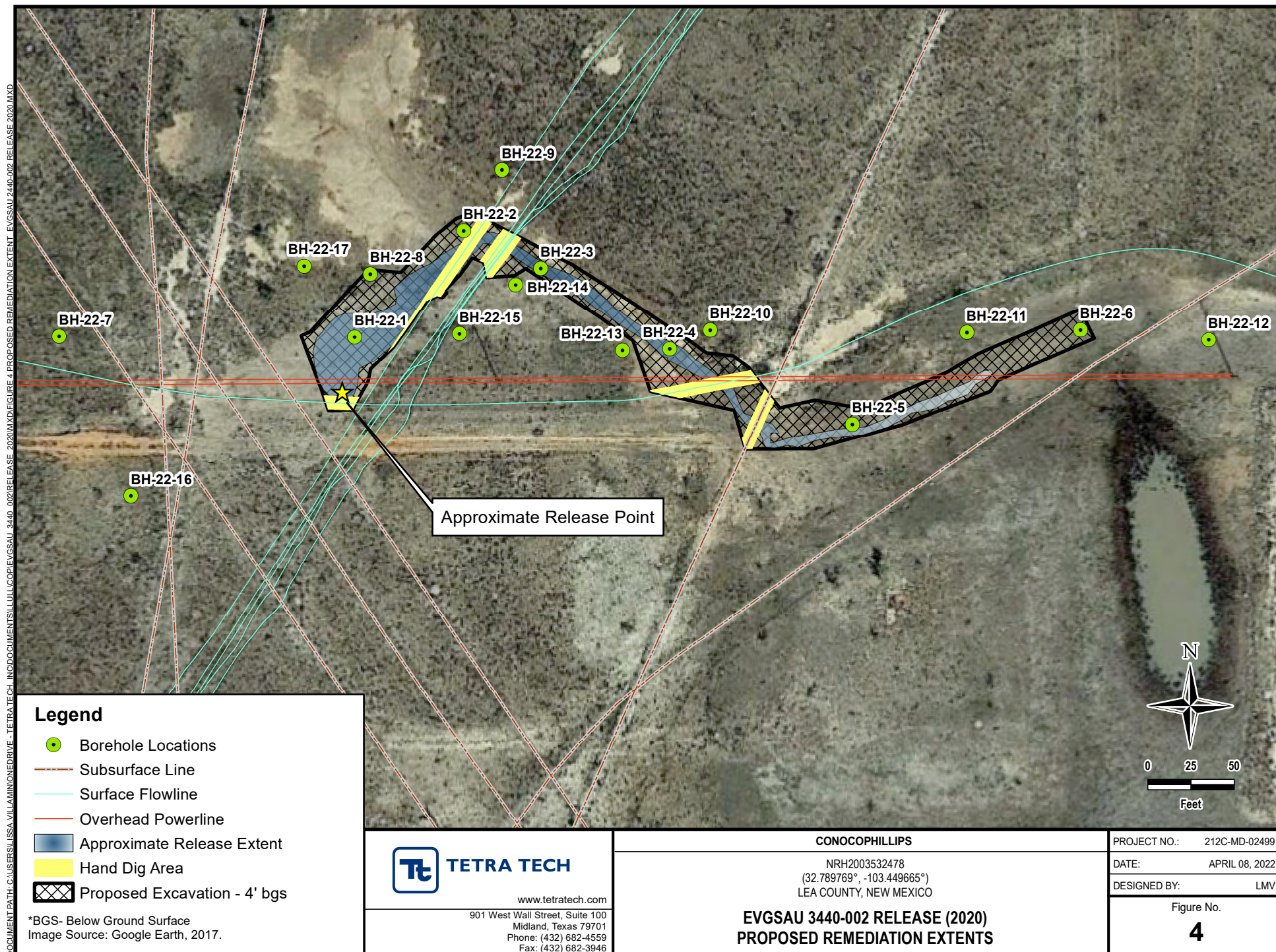
DATE: MAY 19, 2021

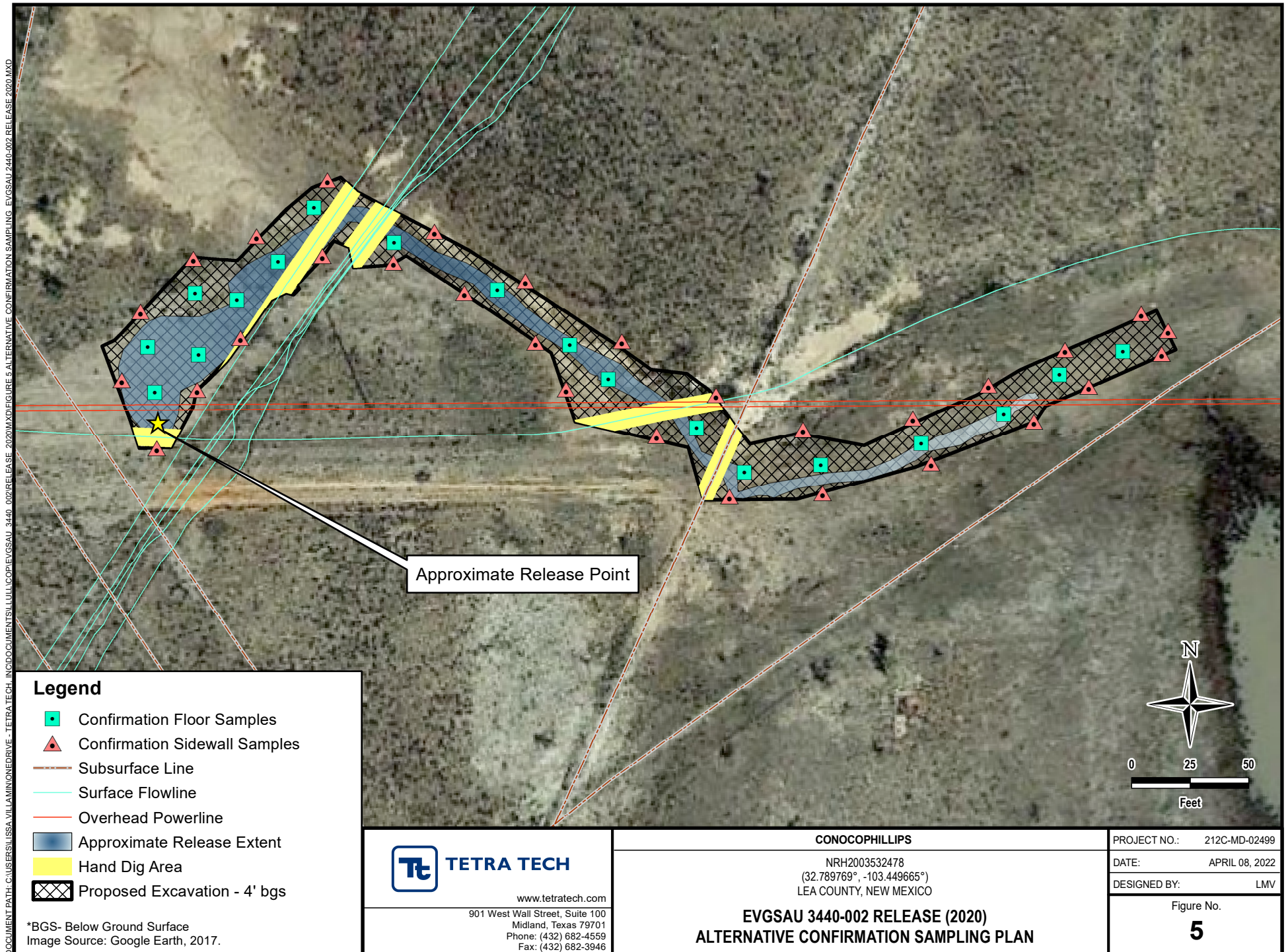
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Figure No.

2







TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT - NRH2003532478
2020 RELEASE
CONOCOPHILLIPS
EVGSAU 3440-002 FLOWLINE RELEASES

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 (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	Q	> C ₁₀ - C ₂₈	Q	> C ₂₈ - C ₃₆	Q	
BH-22-01	2/17/2022	2-3	4,960		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		4-5	3,360		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		6-7	2,200		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		9-10	976		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		14-15	608		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		19-20	1,020	QM-07	< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		24-25	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-02	2/16/2022	2-3	1,920		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		11.3		436		88.3		536
		4-5	2,200		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		378		76.2		454
		6-7	1,810		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		15.9		661		136		813
		9-10	2,000		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		94.0		10.8		105
		14-15	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-03	2/17/2022	2-3	3,800		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		134		19.1		153
		4-5	352		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		6-7	1,480		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		9-10	1,680		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		14-15	256		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-04	2/17/2022	2-3	1,800		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		4-5	192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		6-7	560		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		9-10	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-05	2/16/2022	0-1	2,760	QM-07	< 0.200		1.08		15.0		33.2		49.2		1,540		12,900		2,110		16,550
		2-3	1,880		< 0.050		< 0.050		0.169		0.402		0.571		41.6		1,340		272		1,654
		4-5	1,180		< 0.050		< 0.050		0.099		0.311		0.410		39.3		1,440		270		1,749
		6-7	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		9-10	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		14-15	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		93.7		< 10.0		93.7
BH-22-06	2/16/2022	19-20	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		0-1	8,480		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		764		166		930
		2-3	4,480		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		96.3		16.7		113
		4-5	3,360		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		6-7	2,640		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		9-10	240		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-07	2/16/2022	14-15	112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		19-20	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		0-1	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-07	2/16/2022	2-3	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		4-5	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-

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2020 RELEASE
CONOCOPHILLIPS
EVGSAU 3440-002 FLOWLINE RELEASES

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 (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	Q	> C ₁₀ - C ₂₈	Q	> C ₂₈ - C ₃₆	Q	
BH-22-08	2/16/2022	0-1	992		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		2-3	1,650		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		4-5	1,150		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		6-7	1,010		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
		9-10	768		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-09	2/16/2022	0-1	240		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-10	2/17/2022	0-1	< 16.0		< 0.050		0.064		0.215		0.442		0.720		12.6		16.7		< 10.0		29.3
BH-22-11	2/17/2022	0-1	48.0		< 0.050		0.085		0.198		0.414		0.697		< 10.0		11.6		< 10.0		11.6
BH-22-12	2/17/2022	0-1	80.0		< 0.050		0.059		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-13	2/17/2022	0-1	48.0		< 0.050		0.058		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-14	2/17/2022	0-1	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-15	2/17/2022	0-1	32.0		< 0.050		0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-16	2/16/2022	0-1	320				< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
BH-22-17	3/8/2022	0-1	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		

NOTES:

ft. Feet
bgs Below ground surface
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
1 Method SM4500Cl-B
2 Method 8021B
3 Method 8015M

Bold and italicized values indicate exceedance of proposed Remediation RRALs and Reclamation Requirements.

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

QM-07 Spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

APPENDIX A C-141 Forms

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NRH2003532478
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	ConocoPhillips Company	OGRID	Correct OGRID 217817 RH
Contact Name	Charles Robert Beauvais II	Contact Telephone	575-988-2043
Contact email	charles.r.beauvais@conocophillips.com	Incident #	(assigned by OCD)
Contact mailing address	15 W London Rd, Loving, NM 88256		

Location of Release Source

Latitude 32.7894821 _____ Longitude -103.4476547 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	East Vacuum 3440-002	Site Type – Off Pad, Flowline Rupture
Date Release Discovered	01/02/2020	API# (if applicable): 30-025-03008

Unit Letter	Section	Township	Range	County
K	34	17S	35E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: State of New Mexico _____)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)	1.4 Barrels	Volume Recovered (bbls)	0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls)	53.7 Total	Volume Recovered (bbls)	0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Condensate	Volume Released (bbls)		Volume Recovered (bbls)	
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)	
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)		Volume/Weight Recovered (provide units)	

Cause of Release – Corroded section of pipe

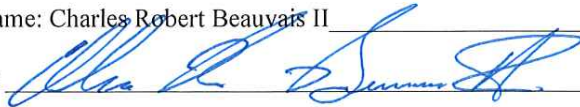
State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? 19.15.29.7(A)(1) An unauthorized release of a volume, excluding gases, of 25 barrels or more.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was made by Charles Beauvais, Environmental Coordinator, at 3:00 P.M. on 01/02/2020 via email to Bradford.billings@state.nm . Also, an online submittal with payment for submittals was made to NMOCD.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Charles Robert Beauvais II	Title: Environmental Coordinator
Signature: 	Date: 01/02/2020
email: <u>charles.r.beauvais@conocophillips.com</u>	Telephone: <u>575-988-2043</u>
OCD Only	
Received by: Robert Hamlet	Date: 2/4/2020

Incident ID	NRH2003532478
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?	60 _____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" 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

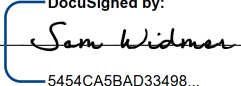
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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

Page 4

Incident ID	NRH2003532478
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: Sam Widmer Title: Principal Program Manager
Signature:  Date: Apr-12-2022
email: 5454CA5BAD33498... Sam.Widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: _____ Date: _____

Incident ID	NRH2003532478
District RP	
Facility ID	
Application ID	

Remediation Plan

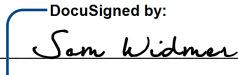
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ 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: Sam Widmer Title: Principal Program Manager
Signature:  Date: Apr-12-2022
email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: _____ Date: _____

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

Signature:  Date: 05/17/2022

APPENDIX B

Site Characterization Data



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
L_04775		L	LE	4	1	34	17S	35E		645365	3629421*	422	133	68	65
L_04727		L	LE			34	17S	35E		645576	3629214*	434	120	45	75
L_04793		L	LE			34	17S	35E		645576	3629214*	434	150	50	100
L_04618		L	LE	3	3	34	17S	35E		644973	3628611*	477	128	55	73
L_05834 POD6		L	LE	1	1	4	34	17S	35E	645673	3629122*	501	234	65	169
L_05834	R	L	LE	2	2	4	33	17S	35E	644663	3629109*	518	160	70	90
L_05834 POD5		L	LE	2	2	4	33	17S	35E	644663	3629109*	518	234	65	169
L_04633		L	LE	2	4	33	17S	35E		644564	3629010*	614	130	65	65

Average Depth to Water: **60 feet**

Minimum Depth: **45 feet**

Maximum Depth: **70 feet**

Record Count: 8

UTMNAD83 Radius Search (in meters):

Easting (X): 645177.447

Northing (Y): 3629042.152

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.

3/3/22 9:54 AM

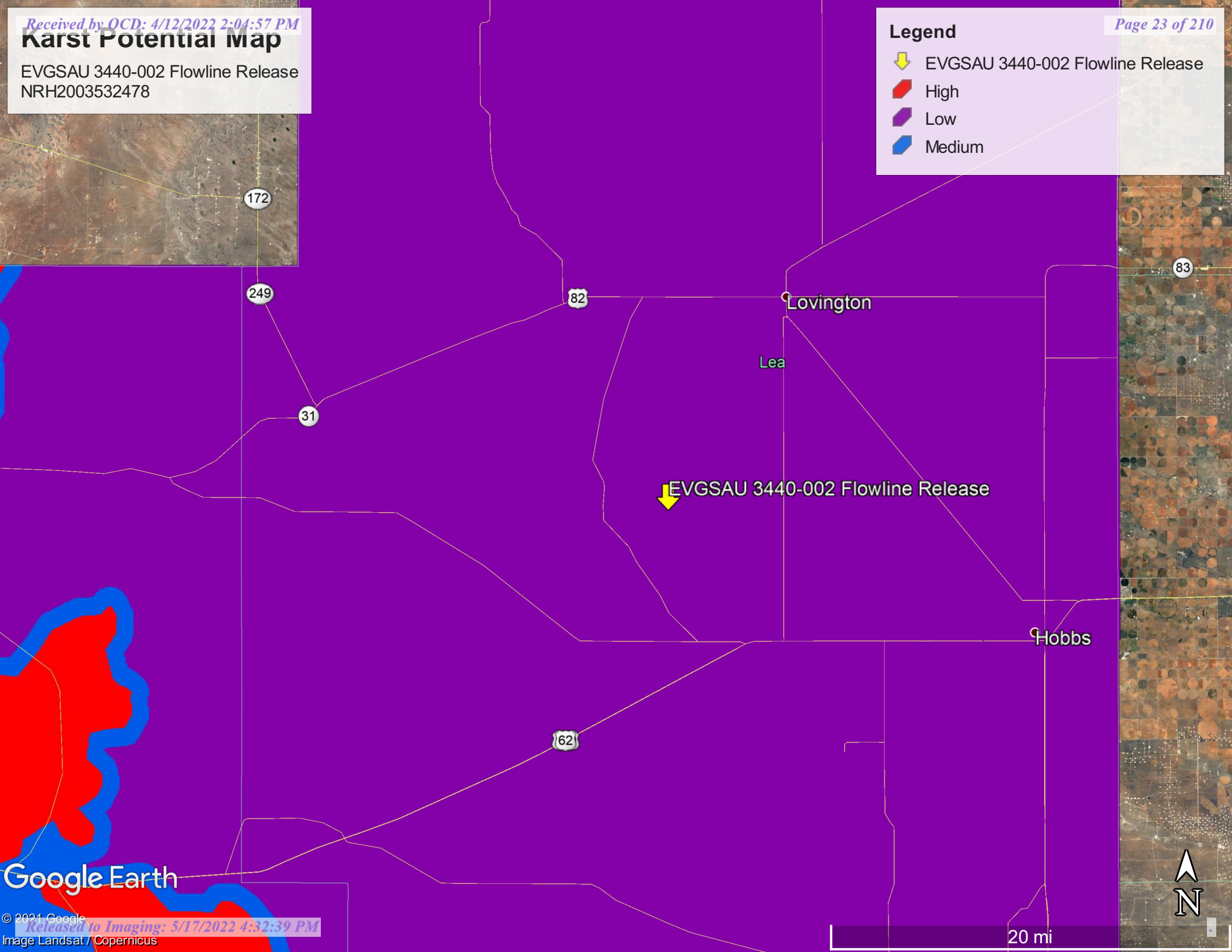
WATER COLUMN/ AVERAGE DEPTH TO WATER

Karst Potential Map

EVGSAU 3440-002 Flowline Release
NRH2003532478

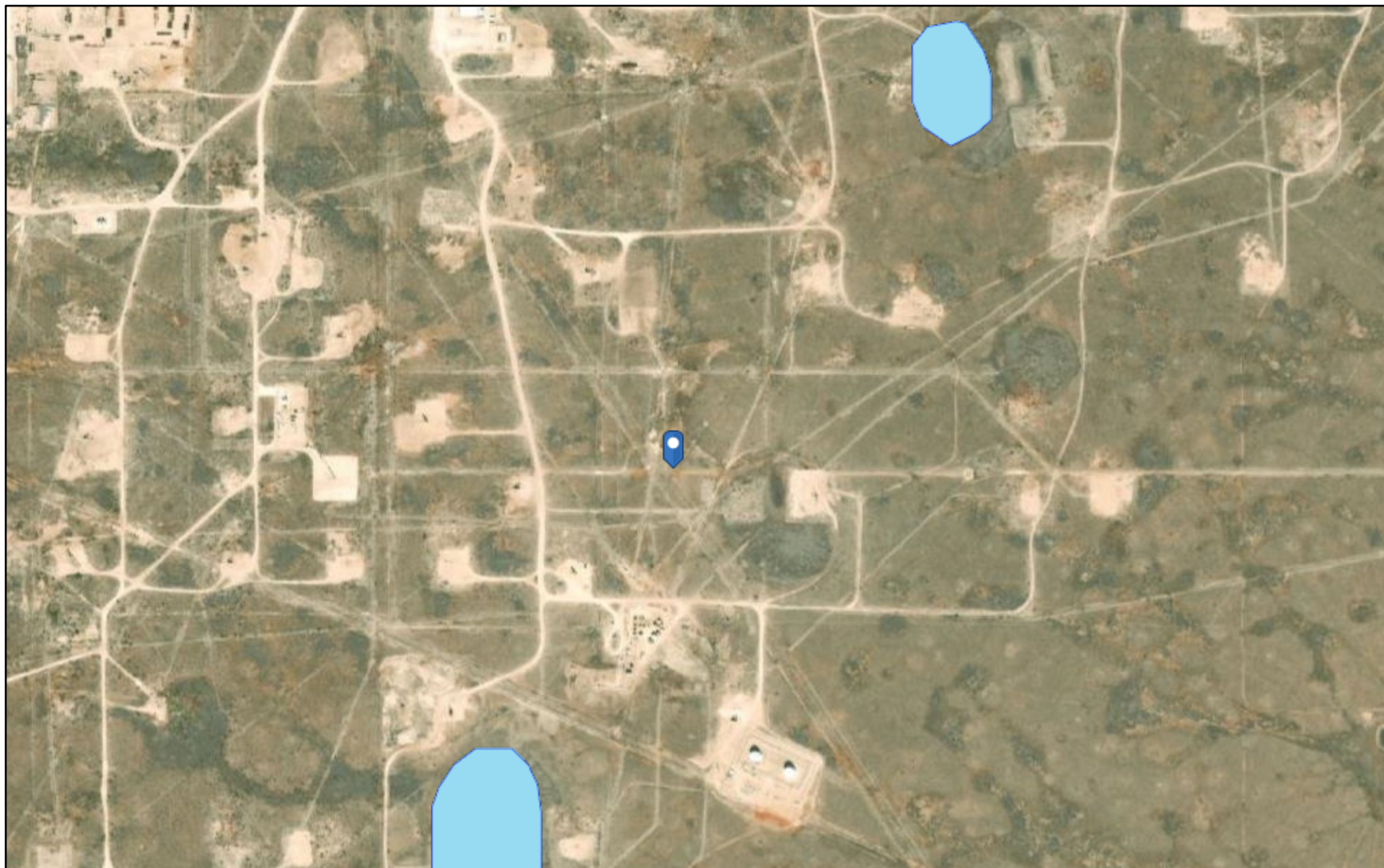
Legend

-  EVGSAU 3440-002 Flowline Release
-  High
-  Low
-  Medium



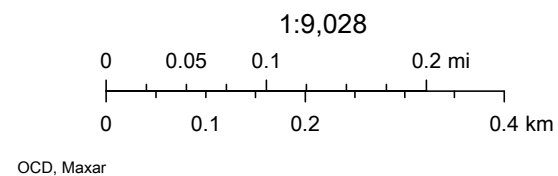
Google Earth

OCD Water Bodies



2/11/2022, 3:50:20 PM

- ★ OCD District Offices
- PLJV Probable Playas
- OSE Water-bodies
- OSE Streams



APPENDIX C

Waste Manifests



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/30/2020
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: 32
 Card #
 Job Ref #

Ticket #: 700-1106467
 Bid #: O6UJ9A0009Z1
 Date: 1/30/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Contaminated Soil (RCRA Exempt)

Quantity Units

18.00 yards

Lab Analysis:	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- ☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

101109A01CYHD



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/30/2020
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: M32
 Card #
 Job Ref #

Ticket #: 700-1106364
 Bid #: O6UJ9A0009Z1
 Date: 1/30/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

Lab Analysis:	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

18UJ9A010YB4



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/30/2020
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: M32
 Card #
 Job Ref #

Ticket #: 700-1106301
 Bid #: O6UJ9A0009Z1
 Date: 1/30/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

05035A01CY6Y



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/30/2020
 Hauler: MCNABB PARTNERS
 Driver: JOHN
 Truck #: M81
 Card #
 Job Ref #

Ticket #: 700-1106486
 Bid #: O6UJ9A0009Z1
 Date: 1/30/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

16UJ9A01CY18



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/30/2020
 Hauler: MCNABB PARTNERS
 Driver: JOHN
 Truck #: 81
 Card #
 Job Ref #

Ticket #: 700-1106360
 Bid #: O6UJ9A0009Z1
 Date: 1/30/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

16UJ9A01CYAZ



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/30/2020
 Hauler: MCNABB PARTNERS
 Driver: JOHN
 Truck #: 81
 Card #:
 Job Ref #

Ticket #: 700-1106302
 Bid #: O6UJ9A0009Z1
 Date: 1/30/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- ☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

16UJ9A01CY71



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: CODY
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1106719
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- ☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

*6UJ9A01CYXL



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: CODY
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1106804
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

16UJ9A01CZ42



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: CODY
 Truck #: 2
 Card #
 Job Ref #

Ticket #: 700-1106869
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service						Quantity	Units				
Contaminated Soil (RCRA Exempt)						10.00	yards				
Lab Analysis:	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- ☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

O6UJ9A01CZ81



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: 32
 Card #
 Job Ref #

Ticket #: 700-1106716
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

16UJ9A01CYXS



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: M32
 Card #
 Job Ref #

Ticket #: 700-1106868
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

I6UJ9A01CZ80



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CR12190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: M32
 Card #
 Job Ref #

Ticket #: 700-1106922
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

16UJ9A01CZAU



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: 32
 Card #:
 Job Ref #

Ticket #: 700-1106803
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

16UJ9A01CZ3Z



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: JASON
 Truck #: 81
 Card #
 Job Ref #

Ticket #: 700-1106714
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

IGUJ9A01CYXP



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JUSTIN WRIGHT
 AFE #:
 PO #:
 Manifest #: NA
 Manif. Date: 1/31/2020
 Hauler: MCNABB PARTNERS
 Driver: JASON
 Truck #: 81
 Card #
 Job Ref #

Ticket #: 700-1106805
 Bid #: O6UJ9A0009Z1
 Date: 1/31/2020
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 02854
 Well Name: EAST VACUUM GSA UNIT
 Well #: 002
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

O6UJ9A01CZ43

APPENDIX D

Soil Boring Logs

Released to Imaging: 5/17/2022 4:32:39 PM

212C-MD-02499		TETRA TECH		LOG OF BORING BH-22-1				Page 2 of 2						
Project Name: EVGSAU 3440-002 Flowline Release														
Borehole Location: GPS: 32.789856°, -103.449641°				Surface Elevation: 3931 ft										
Borehole Number: BH-22-1				Borehole Diameter (in.): 8		Date Started: 2/17/2022		Date Finished: 2/17/2022						
DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS While Drilling <u>▽ DRY</u> ft Upon Completion of Drilling <u>▽ DRY</u> ft Remarks:		
			ExStik	PID					LL			PI	MATERIAL DESCRIPTION	DEPTH (ft)
30	[Symbol]	[Symbol]									[Symbol]	30	BH-22-1 (29'-30')	
Bottom of borehole at 30.0 feet.														
Sampler Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <div><input checked="" type="checkbox"/> Split Spoon</div> <div><input type="checkbox"/> Shelby</div> <div><input type="checkbox"/> Bulk Sample</div> <div><input type="checkbox"/> Grab Sample</div> </div> <div style="width: 50%;"> <div><input type="checkbox"/> Acetate Liner</div> <div><input type="checkbox"/> Vane Shear</div> <div><input type="checkbox"/> Discrete Sample</div> <div><input type="checkbox"/> Test Pit</div> </div> </div>			Operation Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <div><input type="checkbox"/> Mud Rotary</div> <div><input type="checkbox"/> Continuous Flight Auger</div> <div><input type="checkbox"/> Wash Rotary</div> </div> <div style="width: 50%;"> <div><input type="checkbox"/> Hand Auger</div> <div><input type="checkbox"/> Air Rotary</div> <div><input type="checkbox"/> Direct Push</div> <div><input type="checkbox"/> Core Barrel</div> </div> </div>			Notes: Analytical samples are shown in the "Remarks" column. Surface elevation is an estimated value.								
Logger: Joe Tyler				Drilling Equipment: Air Rotary				Driller: Scarborough Drilling						

212C-MD-02499		TETRA TECH		LOG OF BORING BH-22-2				Page 1 of 1	
Project Name: EVGSAU 3440-002 Flowline Release									
Borehole Location: GPS: 32.790023°, -103.449434°					Surface Elevation: 3929 ft				
Borehole Number: BH-22-2				Borehole Diameter (in.): 8		Date Started: 2/16/2022		Date Finished: 2/16/2022	

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS				
												While Drilling <u>▽</u> DRY ft Upon Completion of Drilling <u>▽</u> DRY ft Remarks:				
MATERIAL DESCRIPTION												DEPTH (ft)	REMARKS			
5	Wavy line pattern	X										-- Previously excavated during initial response activities.			2	BH-22-2 (2'-3') BH-22-2 (4'-5') BH-22-2 (6'-7') BH-22-2 (9'-10') BH-22-2 (14'-15') BH-22-2 (19'-20')
												-SM- SILTY SAND: Brown, loose, with clay, dry.			3	
												-SM- SILTY SAND: Tan, moderately cemented, moderate gravel.			7	
												-SM- CALICHE: Tan, dense, heavily cemented, with gravel.			16	
												-SM- SILTY SAND: Tan, dense, moderately cemented, dry.			20	
Bottom of borehole at 20.0 feet.																

Sampler Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> Split Spoon Shelby Bulk Sample Grab Sample </div> <div style="width: 50%;"> Acetate Liner Vane Shear Discrete Sample Test Pit </div> </div>	Operation Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> Mud Rotary Continuous Flight Auger Wash Rotary </div> <div style="width: 50%;"> Hand Auger Air Rotary Direct Push Core Barrel </div> </div>	Notes: Analytical samples are shown in the "Remarks" column. Surface elevation is an estimated value.
--	--	--


























Logger: Joe Tyler	Drilling Equipment: Air Rotary	Driller: Scarborough Drilling
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212C-MD-02499		TETRA TECH		LOG OF BORING BH-22-3				Page 1 of 1	
Project Name: EVGSAU 3440-002 Flowline Release									
Borehole Location: GPS: 32.789962°, -103.449290°					Surface Elevation: 3928 ft				
Borehole Number: BH-22-3				Borehole Diameter (in.): 8		Date Started: 2/17/2022		Date Finished: 2/17/2022	

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS				
												While Drilling <u>▽</u> DRY ft Upon Completion of Drilling <u>▽</u> DRY ft				
												Remarks:				
MATERIAL DESCRIPTION												DEPTH (ft)	REMARKS			
5	Wavy line pattern	X										-- Previously excavated during initial response activities.			2	BH-22-3 (2'-3')
												-SM- SILTY SAND: Brown, loose, with clay, dry.			3	
												-SM- CALICHE: Tan, dense, heavily cemented, with gravel.				
10	Wavy line pattern	X														BH-22-3 (4'-5')
15	Wavy line pattern	X														BH-22-3 (6'-7')
20	Wavy line pattern	X														BH-22-3 (9'-10')
20	Wavy line pattern	X										-SM- SILTY SAND: Tan, dense, moderately cemented, dry.			16	BH-22-3 (14'-15')
Bottom of borehole at 20.0 feet.												20	BH-22-3 (19'-20')			

Sampler Types: <input checked="" type="checkbox"/> Split Spoon <input checked="" type="checkbox"/> Shelby <input checked="" type="checkbox"/> Bulk Sample <input checked="" type="checkbox"/> Grab Sample	<input checked="" type="checkbox"/> Acetate Liner <input checked="" type="checkbox"/> Vane Shear <input checked="" type="checkbox"/> Discrete Sample <input checked="" type="checkbox"/> Test Pit	Operation Types: <input checked="" type="checkbox"/> Mud Rotary <input checked="" type="checkbox"/> Continuous Flight Auger <input checked="" type="checkbox"/> Wash Rotary	<input checked="" type="checkbox"/> Hand Auger <input checked="" type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Direct Push <input checked="" type="checkbox"/> Core Barrel	Notes: Analytical samples are shown in the "Remarks" column. Surface elevation is an estimated value.
---	--	--	--	--

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

212C-MD-02499		 TETRA TECH		LOG OF BORING BH-22-4			Page 1 of 1																																																										
Project Name: EVGSAU 3440-002 Flowline Release																																																																	
Borehole Location: GPS: 32.789833°, -103.449048°				Surface Elevation: 3928 ft																																																													
Borehole Number: BH-22-4				Borehole Diameter (in.): 8		Date Started: 2/17/2022		Date Finished: 2/17/2022																																																									
<div>WATER LEVEL OBSERVATIONS</div> <div>While Drilling <u>▽ DRY</u> ft Upon Completion of Drilling <u>▽ DRY</u> ft</div> <div>Remarks:</div>																																																																	
<table><thead><tr><th rowspan="2">DEPTH (ft)</th><th rowspan="2">OPERATION TYPE</th><th rowspan="2">SAMPLE</th><th>CHLORIDE FIELD SCREENING (ppm)</th><th>VOC FIELD SCREENING (ppm)</th><th rowspan="2">SAMPLE RECOVERY (%)</th><th rowspan="2">MOISTURE CONTENT (%)</th><th rowspan="2">DRY DENSITY (pcf)</th><th>LIQUID LIMIT</th><th>PLASTICITY INDEX</th><th rowspan="2">MINUS NO. 200 (%)</th><th rowspan="2">GRAPHIC LOG</th><th rowspan="2">MATERIAL DESCRIPTION</th><th rowspan="2">DEPTH (ft)</th><th rowspan="2">REMARKS</th></tr><tr><th>ExStik</th><th>PID</th><th>LL</th><th>PI</th></tr></thead><tbody><tr><td rowspan="5">5</td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td rowspan="5"></td><td>-- Previously excavated during initial response activities.</td><td>2</td><td rowspan="5">BH-22-4 (2'-3') BH-22-4 (4'-5') BH-22-4 (6'-7') BH-22-4 (9'-10')</td></tr><tr><td>-SM- SILTY SAND: Brown, loose, with clay, dry.</td><td>3</td></tr><tr><td>-SM- CALICHE: Tan, dense, heavily cemented, with gravel.</td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td><td></td></tr></tbody></table>									DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS	ExStik	PID	LL	PI	5												-- Previously excavated during initial response activities.	2	BH-22-4 (2'-3') BH-22-4 (4'-5') BH-22-4 (6'-7') BH-22-4 (9'-10')	-SM- SILTY SAND: Brown, loose, with clay, dry.	3	-SM- CALICHE: Tan, dense, heavily cemented, with gravel.						10													10	
DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT				PLASTICITY INDEX	MINUS NO. 200 (%)				GRAPHIC LOG	MATERIAL DESCRIPTION						DEPTH (ft)	REMARKS																																								
			ExStik	PID				LL	PI																																																								
5												-- Previously excavated during initial response activities.	2	BH-22-4 (2'-3') BH-22-4 (4'-5') BH-22-4 (6'-7') BH-22-4 (9'-10')																																																			
												-SM- SILTY SAND: Brown, loose, with clay, dry.	3																																																				
												-SM- CALICHE: Tan, dense, heavily cemented, with gravel.																																																					
10													10																																																				
Bottom of borehole at 10.0 feet.																																																																	
<div><div><div>Sampler Types:</div><div> Split Spoon</div><div> Shelby</div><div> Bulk Sample</div><div> Grab Sample</div><div> Acetate Liner</div><div> Vane Shear</div><div> Discrete Sample</div><div> Test Pit</div></div><div><div>Operation Types:</div><div> Mud Rotary</div><div> Continuous Flight Auger</div><div> Wash Rotary</div><div> Hand Auger</div><div> Air Rotary</div><div> Direct Push</div><div> Core Barrel</div></div></div> <div>Notes: Analytical samples are shown in the "Remarks" column. Surface elevation is an estimated value.</div>																																																																	
Logger: Joe Tyler			Drilling Equipment: Air Rotary			Driller: Scarborough Drilling																																																											

212C-MD-02499	TETRA TECH	LOG OF BORING BH-22-5	Page 1 of 1
Project Name: EVGSAU 3440-002 Flowline Release			
Borehole Location: GPS: 32.789710°, -103.448706°		Surface Elevation: 3925 ft	
Borehole Number: BH-22-5		Borehole Diameter (in.): 8	Date Started: 2/16/2022
		Date Finished: 2/16/2022	

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		
												While Drilling	Upon Completion of Drilling	
												While Drilling <u>▽</u> DRY ft Upon Completion of Drilling <u>▽</u> DRY ft Remarks:		
												MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS
5	[Wavy Line]	[X]									[Dotted Pattern]	-SM- SILTY SAND: Brown, loose, with clay, dry.	3	BH-22-5 (0'-1')
												BH-22-5 (2'-3')		
												BH-22-5 (4'-5')		
												BH-22-5 (6'-7')		
												BH-22-5 (9'-10')		
10	[Wavy Line]	[X]									[Dotted Pattern]		16	BH-22-5 (14'-15')
15	[Wavy Line]	[X]									[Dotted Pattern]		20	BH-22-5 (19'-20')
20	[Wavy Line]	[X]									[Dotted Pattern]		20	

Bottom of borehole at 20.0 feet.

Sampler Types: <input checked="" type="checkbox"/> Split Spoon <input type="checkbox"/> Shelby <input type="checkbox"/> Bulk Sample <input checked="" type="checkbox"/> Grab Sample	<input type="checkbox"/> Acetate Liner <input type="checkbox"/> Vane Shear <input checked="" type="checkbox"/> Discrete Sample <input type="checkbox"/> Test Pit	Operation Types: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Continuous Flight Auger <input type="checkbox"/> Wash Rotary	<input type="checkbox"/> Hand Auger <input type="checkbox"/> Air Rotary <input type="checkbox"/> Direct Push <input checked="" type="checkbox"/> Core Barrel	Notes: Analytical samples are shown in the "Remarks" column. Surface elevation is an estimated value.
--	---	--	---	---

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

212C-MD-02499		TETRA TECH		LOG OF BORING BH-22-6				Page 1 of 1	
Project Name: EVGSAU 3440-002 Flowline Release									
Borehole Location: GPS: 32.789858°, -103.448276°					Surface Elevation: 3925 ft				
Borehole Number: BH-22-6				Borehole Diameter (in.): 8		Date Started: 2/16/2022		Date Finished: 2/16/2022	

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS			
												While Drilling <u>▽</u> DRY ft Upon Completion of Drilling <u>▽</u> DRY ft Remarks:			
												MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS	
5	X	X										-SM- SILTY SAND: Brown, loose, with clay, dry.		3	BH-22-6 (0'-1')
												-SM- CALICHE: Tan, dense, heavily cemented, with gravel.		3	BH-22-6 (2'-3')
														3	BH-22-6 (4'-5')
														3	BH-22-6 (6'-7')
														3	BH-22-6 (9'-10')
10	X	X										-SM- SILTY SAND: Tan, dense, moderately cemented, dry.		16	BH-22-6 (14'-15')
														16	BH-22-6 (19'-20')
														16	
														16	
														16	
15	X	X													
20	X	X													

Bottom of borehole at 20.0 feet.

Sampler Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input checked="" type="checkbox"/> Split Spoon <input type="checkbox"/> Shelby <input type="checkbox"/> Bulk Sample <input checked="" type="checkbox"/> Grab Sample </div> <div style="width: 50%;"> <input type="checkbox"/> Acetate Liner <input type="checkbox"/> Vane Shear <input checked="" type="checkbox"/> Discrete Sample <input type="checkbox"/> Test Pit </div> </div>	Operation Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Continuous Flight Auger <input type="checkbox"/> Wash Rotary </div> <div style="width: 50%;"> <input type="checkbox"/> Hand Auger <input type="checkbox"/> Air Rotary <input type="checkbox"/> Direct Push <input checked="" type="checkbox"/> Core Barrel </div> </div>	Notes: Analytical samples are shown in the "Remarks" column. Surface elevation is an estimated value.
---	---	--

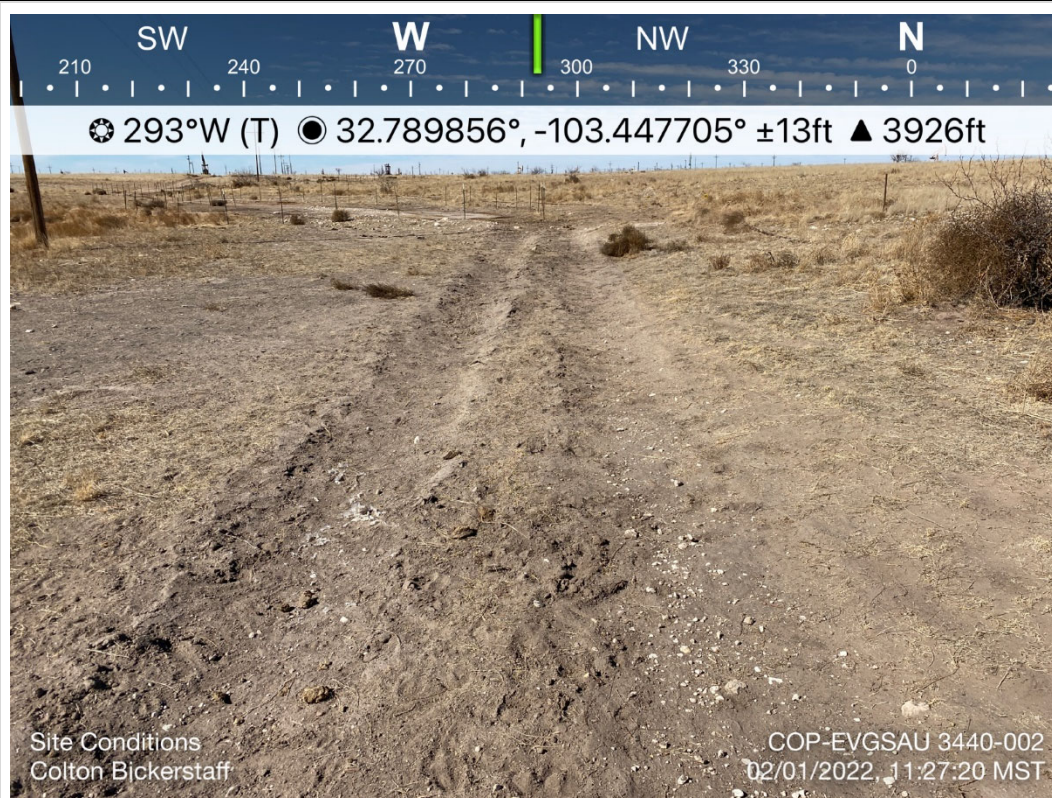
Logger: Joe Tyler	Drilling Equipment: Air Rotary	Driller: Scarborough Drilling
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APPENDIX E

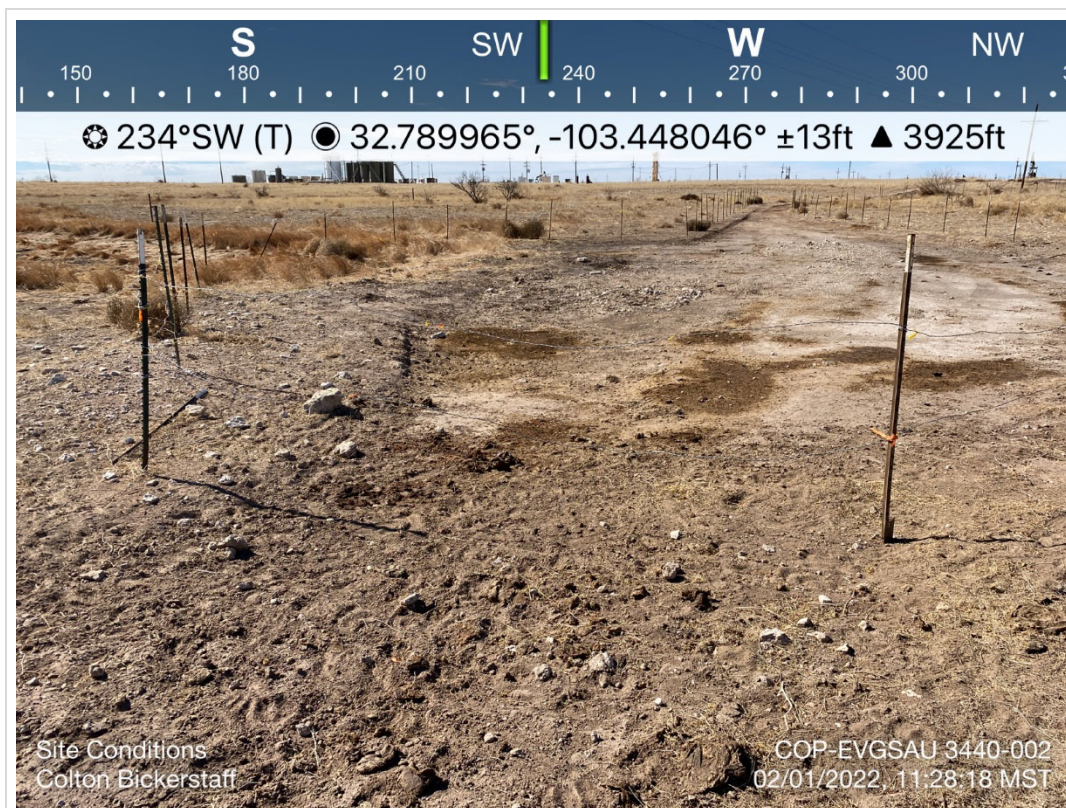
Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-02377	DESCRIPTION	View northwest, bridging over surface pipeline.	1
	SITE NAME	ConocoPhillips Warren Unit 134 Flowline Release	2/1/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02499	DESCRIPTION	View west-northwest, north of nearby pad, east of release extent.	2
	SITE NAME	ConocoPhillips EVGSAU 3440-002	2/1/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02499	DESCRIPTION	View southwest, eastern edge of release extent.	3
	SITE NAME	ConocoPhillips EVGSAU 3440-002	2/1/2022



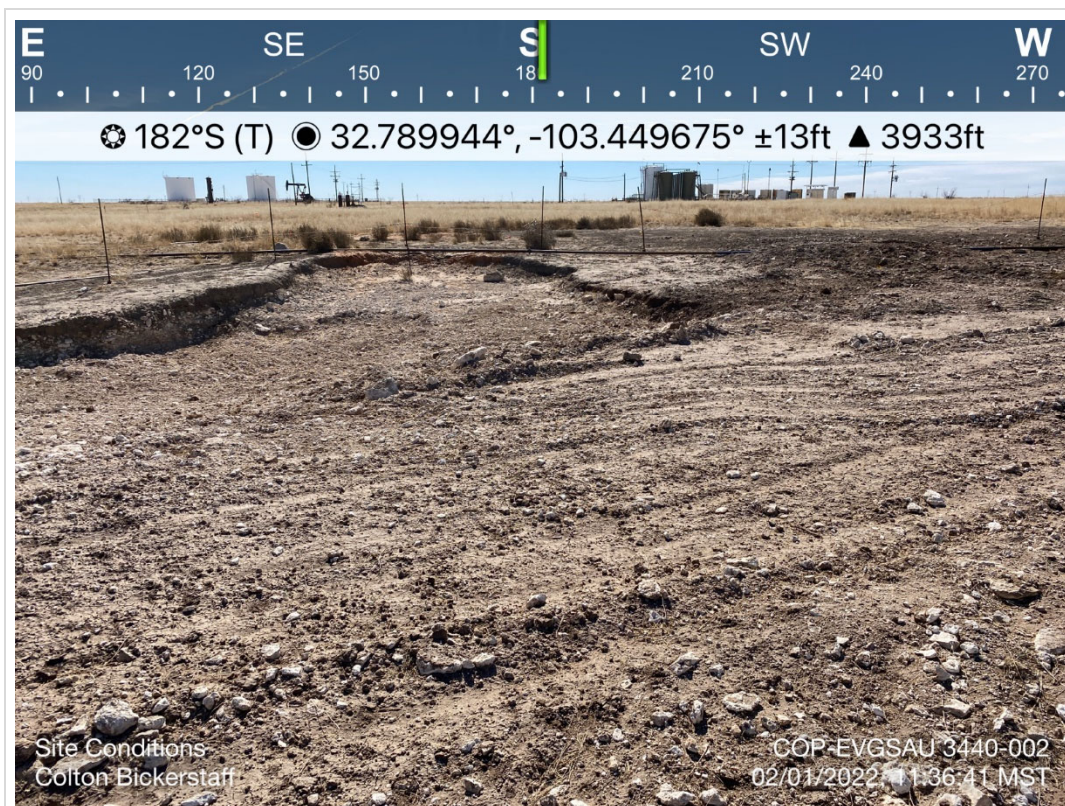
TETRA TECH, INC. PROJECT NO. 212C-MD-02499	DESCRIPTION	View south-southwest, narrow portion of release extent fenced for safety purposes.	4
	SITE NAME	ConocoPhillips EVGSAU 3440-002	2/1/2022



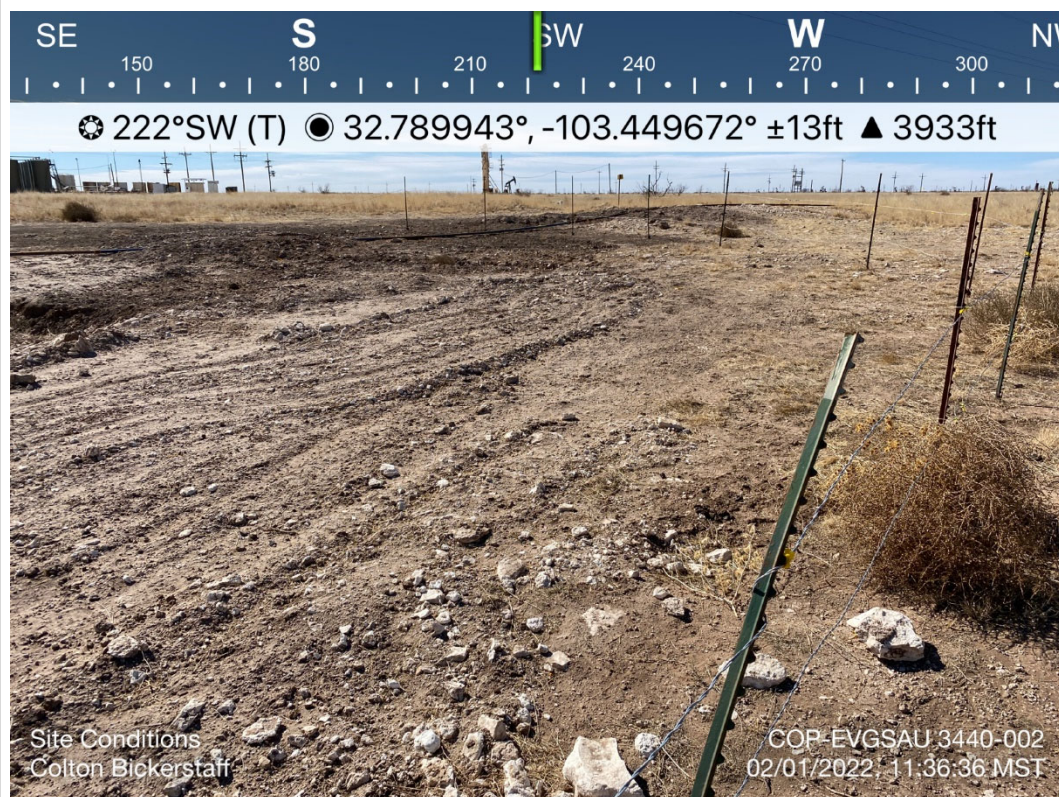
TETRA TECH, INC. PROJECT NO. 212C-MD-02499	DESCRIPTION	View west-northwest, central portion of release extent.	5
	SITE NAME	ConocoPhillips EVGSAU 3440-002	2/1/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02499	DESCRIPTION	View south-southwest, western portion of release extent.	6
	SITE NAME	ConocoPhillips EVGSAU 3440-002	2/1/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02499	DESCRIPTION	View south, release extent scraped and fencing around impacted area.	7
	SITE NAME	ConocoPhillips EVGS AU 3440-002	2/1/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02499	DESCRIPTION	View southwest, release extent scraped and fencing around impacted area.	8
	SITE NAME	ConocoPhillips EVGS AU 3440-002	3/18/2022

APPENDIX F

Laboratory Analytical Data



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

February 26, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 3440-02 FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/21/22 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 01 (2-3) (H220658-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	188	93.9	200	20.9	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	186	93.1	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 01 (4-5) (H220658-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38		
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	188	93.9	200	20.9	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	186	93.1	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 01 (6-7) (H220658-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	188	93.9	200	20.9	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	186	93.1	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 01 (9-10) (H220658-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	188	93.9	200	20.9	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	186	93.1	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 01 (14-15) (H220658-05)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38		
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/23/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/23/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/23/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 01 (19-20) (H220658-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38	
Total BTX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	02/24/2022	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/23/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/23/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/23/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 01 (24-25) (H220658-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/23/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/23/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/23/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 01 (29-30) (H220658-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38	
Total BTX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 02 (2-3) (H220658-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.3	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	436	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	88.3	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 02 (4-5) (H220658-10)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	4.38		
Toluene*	<0.050	0.050	02/25/2022	ND	2.05	102	2.00	4.15		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.98	99.1	2.00	3.50		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.17	103	6.00	2.38		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	378	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	76.2	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 02 (6-7) (H220658-11)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1810	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.9	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	661	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	136	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 02 (9-10) (H220658-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTEX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	94.0	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	10.8	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 02 (14-15) (H220658-13)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.1 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 02 (19-20) (H220658-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 03 (2-3) (H220658-15)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3800	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	134	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	19.1	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 03 (4-5) (H220658-16)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/24/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 03 (6-7) (H220658-17)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1480	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.4 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 03 (9-10) (H220658-18)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65	
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90	
Total BTX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	02/24/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	210	105	200	0.703	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	248	124	200	0.139	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 03 (14-15) (H220658-19)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 03 (19-20) (H220658-20)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 04 (2-3) (H220658-22)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 04 (4-5) (H220658-23)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.7 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 04 (6-7) (H220658-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 04 (9-10) (H220658-25)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/24/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.4 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 05 (0-1) (H220658-26)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	02/25/2022	ND	2.17	108	2.00	1.65	
Toluene*	1.08	0.200	02/25/2022	ND	2.14	107	2.00	1.65	
Ethylbenzene*	15.0	0.200	02/25/2022	ND	2.14	107	2.00	1.90	
Total Xylenes*	33.2	0.600	02/25/2022	ND	6.58	110	6.00	1.90	
Total BTX	49.2	1.20	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 176 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	02/24/2022	ND	400	100	400	3.92	QM-07

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1540	100	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	12900	100	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	2110	100	02/24/2022	ND					

Surrogate: 1-Chlorooctane 606 % 66.9-136

Surrogate: 1-Chlorooctadecane 1310 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 05 (2-3) (H220658-27)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65	
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65	
Ethylbenzene*	0.169	0.050	02/25/2022	ND	2.14	107	2.00	1.90	
Total Xylenes*	0.402	0.150	02/25/2022	ND	6.58	110	6.00	1.90	
Total BTEX	0.571	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	02/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	41.6	10.0	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	1340	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	272	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 157 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 05 (4-5) (H220658-28)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65	
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65	
Ethylbenzene*	0.099	0.050	02/25/2022	ND	2.14	107	2.00	1.90	
Total Xylenes*	0.311	0.150	02/25/2022	ND	6.58	110	6.00	1.90	
Total BTEX	0.410	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	02/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	39.3	10.0	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	1440	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	270	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 156 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 05 (6-7) (H220658-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.1 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 05 (9-10) (H220658-30)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65	
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90	
Total BTX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 75.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.0 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 05 (14-15) (H220658-31)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.17	108	2.00	1.65		
Toluene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.65		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.90		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.58	110	6.00	1.90		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	93.7	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 05 (19-20) (H220658-32)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 06 (0-1) (H220658-33)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8480	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	764	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	166	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 133 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 06 (2-3) (H220658-34)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	96.3	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	16.7	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 06 (4-5) (H220658-35)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.9 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 06 (6-7) (H220658-36)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.8 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 06 (9-10) (H220658-37)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTEX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.8 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 06 (14-15) (H220658-38)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.9 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 06 (19-20) (H220658-39)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/24/2022	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	02/24/2022	ND	166	83.2	200	1.22	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	220	110	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.5 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 07 (0-1) (H220658-40)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/24/2022	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	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.7 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 07 (2-3) (H220658-41)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/24/2022	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	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 71.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.7 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 07 (4-5) (H220658-42)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/24/2022	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	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 08 (0-1) (H220658-43)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	02/24/2022	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	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 74.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.1 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 09 (0-1) (H220658-48)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/24/2022	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	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.0 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 10 (0-1) (H220658-53)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	0.064	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	0.215	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	0.442	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTX	0.720	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2022	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*	12.6	10.0	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	16.7	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.3 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 11 (0-1) (H220658-54)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	0.085	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	0.198	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	0.414	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTEX	0.697	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/24/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	11.6	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.5 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 12 (0-1) (H220658-55)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	0.059	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/24/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.6 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 13 (0-1) (H220658-56)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	0.058	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/24/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 14 (0-1) (H220658-57)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/24/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 15 (0-1) (H220658-58)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92		
Toluene*	0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/24/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 76.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/16/2022
Reported:	02/26/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 16 (0-1) (H220658-59)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	2.76	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.29	105	6.00	2.91	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/24/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 75.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 01 of 07

BILL TO												ANALYSIS REQUEST											
Company Name: ConocoPhillips												P.O. #:											
Project Manager: Christian Llull												Company: Tetra Tech											
Address: christian.llull@tetratech.com												Attn: Christian Llull											
City:												State:											
Phone #: (512) 338-1667												Fax #: NA											
Project #: 212C-MD-02499												Project Owner:											
Project Name: EVGSAU 3440-02 Flowline Release												City:											
Project Location: Lea County, New Mexico												State:											
Sampler Name: Joe Tyler												Zip:											
FOR LAB USE ONLY												Fax #:											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	Chlorides	Hold					
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :									
H226L6S8		BH-22-01	(2-3)	G	01	X						X			2-17-22	X	X	X					
1			(4-5)																				
2			(6-7)																				
3			(9-10)																				
4			(14-15)																				
5			(19-20)																				
6			(24-25)																				
7			(29-30)																				
8			(3-3)																				
9			(4-5)																				
K		BH-22-02	(2-3)												2-16-22								

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Relinquished By: <i>[Signature]</i>		Date: 2-21-22	Received By: <i>[Signature]</i>	Date: 2-21-22
Time: 1:35 PM		Time: 1:35 PM		
Reinforced By: _____		Received By: _____		
Date: _____		Date: _____		
Time: _____		Time: _____		

Delivered By: (Circle One) <i>C-O-S-E</i>	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Checked BY: (Initials) <i>VJ</i>
Sampler - UPS - Bus - Other: <i>UPS</i>	No Yes No Yes	

Cardinal cannot accept verbal changes. Please fax written changes to (575) 293-2326

Phone Results: ☐ Yes ☐ No Add'l Phone #: _____
 Fax Results: ☐ Yes ☐ No Add'l Fax #: _____
 Email Results to: *Christian (PM)*

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**101 East Marland, Hobbs, NM 88240
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[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 03 of 07

BILL TO				ANALYSIS REQUEST																
Company Name: ConocoPhillips Project Manager: Christian Lull Address: christian.lull@tetratech.com City: Phone #: (512) 338-1667 Fax #: NA State: Zip:				P.O. #: Company: Tetra Tech Attn: Christian Lull Address: by email City: State: Zip:																
Project #: 212C-MD-02499 Project Owner: Project Location: Lea County, New Mexico																				
Sample Name: Joe Tyler				Fax #:																
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	TPH	BTEX	Chlorides	Hold						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE												
H22DL658											X	X	X							
21	BH-22-04	(0-1)	G-1		X						X	X	X							
22		(2-5)																		
23		(4-5)																		
24		(6-7)																		
25		(9-10)																		
26	BH-22-05	(0-1)																		
27		(2-3)																		
28		(4-5)																		
29		(6-7)																		
30		(9-10)																		

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Relinquished By: [Signature]	Date: 2-21-22	Received By: [Signature]	Date: 2-21-22
Time: 1:35 PM			
Delivered By: (Circle One) UPS - Bus - Other: _____	Sample Condition <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials)	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Page 04 of 07

Company Name: ConocoPhillips		BILL TO		ANALYSIS REQUEST														
Project Manager: Christian Lull		P.O. #:																
Address: christian.lull@tetratech.com		Company: Tetra Tech																
City:		Attn: Christian Lull																
Phone #: (512) 338-1667		Address: by email																
Fax #: NA		City:																
Project #: 212C-MD-02499		State:																
Project Owner:		Zip:																
Project Name: EVGSAU 3440-02 Flowline Release		Phone #:																
Project Location: Lea County, New Mexico		Fax #:																
Sampler Name: Joe Tyler																		
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV	SAMPLING	TPH	BTEX	Chlorides	Hold						
H220658				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
31	BH-22-05 (14-15)	G	1	X									2-16-22		X	X	X	
32	↓ (14-20)												↓					
33	BH-22-06 (0-1)												2-16-22					
34	↓ (0-5)												↓					
35	↓ (4-5)												↓					
36	↓ (6-7)												↓					
37	↓ (9-10)												↓					
38	↓ (14-15)												↓					
39	↓ (19-20)												↓					
40	BH-22-07 (0-1)												2-16-22					

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Relinquished By:	Date: 2-21-22	Received By:	Date: 2-21-22
Relinquished By: Joe Tyler	Time: 1:35 PM	Received By: Jennifer White	Time: 1:35 PM
Delivered By: (Circle One) 1.6c	1.6c	1.6c	1.6c
Sampler - UPS - Bus - Other:	1.6c	1.6c	1.6c
Sample Condition	Intact	Intact	Intact
Yes	Yes	Yes	Yes
No	No	No	No
CHECKED BY: (Initials)	4-0		
Phone Results: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:		
Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:		
Email Results to:			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 05 of 07

Company Name: ConocoPhillips Project Manager: Christian Lull Address: christian.lull@tetratech.com City: State: Zip: Phone #: (512) 338-1667 Fax #: NA Project #: 212C-MD-02499 Project Owner: Project Name: EVGSAU 3440-02 Flowline Release Project Location: Lea County, New Mexico Sampler Name: Joe Tyler				P.O. #: Company: Tetra Tech Attn: Christian Lull Address: by email City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
Lab I.D. Sample I.D.							
FOR LAB USE ONLY							
				(G)RAB OR (C)OMP.			
				# CONTAINERS			
				GROUNDWATER			
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER :			
				ACID/BASE:			
				ICE / COOL			
				OTHER :			
				DATE			
				TIME			
				TPH			
				BTEX			
				Chlorides			
				Hold			

Relinquished By: *Joe Tyler*

Relinquished By: *Joe Tyler*

Delivered By: (Circle One) *1.6c* **Sample Condition** *C-0.5c*

Sampler - UPS - Bus - Other: *1.1c #113* ☒ Cool ☒ Intact ☐ Yes ☐ No

Checked By: *Joe Tyler*

Received By: *Joe Tyler*

Received By: *Joe Tyler*

Phone Results: ☐ Yes ☐ No **Add'l Phone #:**

Fax Results: ☐ Yes ☐ No **Add'l Fax #:**

Email Results to: *PM*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**101 East Marland, Hobbs, NM 88240
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Page 06 of 07

Company Name: ConocoPhillips Project Manager: Christian Llull Address: christian.llull@tetrattech.com City: _____ State: _____ Zip: _____ Phone #: (512) 338-1667 Fax #: NA Project #: 212C-MD-02499 Project Owner: _____ Project Name: EVGSAU 3440-02 Flowline Release Project Location: Lea County, New Mexico Sample Name: Joe Tyler FOR LAB USE ONLY				P.O. #: _____ Company: Tetra Tech Attn: Christian Llull Address: by email City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____			
Lab I.D. H220658		Sample I.D. BH-22-09 (6-7) BH-22-10 (0-1) BH-22-11 (0-1) BH-22-12 (0-1) BH-22-13 (0-1) BH-22-14 (0-1) BH-22-15 (0-1) BH-22-16 (0-1) BH-22-17 (0-1)		(G) RAB OR (C) COMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE : ICE / COOL OTHER : DATE TIME		MATRIX PRESERV SAMPLING TPH BTEX Chlorides Hold	
51 52 53 54 55 56 57 58 59 60		2-17-22 2-17-22 2-17-22 2-17-22 2-17-22 2-17-22 2-17-22 2-17-22 2-17-22 2-17-22		X X X X X X X X X X		X X X X X X X X X X	
Relinquished By: <i>Joe Tyler</i> Date: <i>2/24/22</i> Time: <i>1335</i> Relinquished By: _____ Date: _____ Time: _____				Received By: <i>Christian Llull</i> Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____			
Delivered By: (Circle One) <i>1.66</i> C.O.S.C. Sampler - UPS - Bus - Other: <i>1.816 #113</i> Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) <i>YO</i>				Phone Results: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No Email Results to: <i>PH</i> Add'l Phone #: _____ Add'l Fax #: _____			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Page 07 of 07

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

March 02, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 3440-02 FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/21/22 12:35.

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

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

Method EPA 552.2	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH - 22 - 01 (2-3)	H220658-01	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 01 (4-5)	H220658-02	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 01 (6-7)	H220658-03	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 01 (9-10)	H220658-04	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 01 (14-15)	H220658-05	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 01 (19-20)	H220658-06	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 01 (24-25)	H220658-07	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 01 (29-30)	H220658-08	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 02 (2-3)	H220658-09	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 02 (4-5)	H220658-10	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 02 (6-7)	H220658-11	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 02 (9-10)	H220658-12	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 02 (14-15)	H220658-13	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 02 (19-20)	H220658-14	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 03 (2-3)	H220658-15	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 03 (4-5)	H220658-16	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 03 (6-7)	H220658-17	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 03 (9-10)	H220658-18	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 03 (14-15)	H220658-19	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 03 (19-20)	H220658-20	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 04 (2-3)	H220658-22	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 04 (4-5)	H220658-23	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 04 (6-7)	H220658-24	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 04 (9-10)	H220658-25	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 05 (0-1)	H220658-26	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 05 (2-3)	H220658-27	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 05 (4-5)	H220658-28	Soil	16-Feb-22 00:00	21-Feb-22 12:35

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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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 05 (6-7)	H220658-29	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 05 (9-10)	H220658-30	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 05 (14-15)	H220658-31	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 05 (19-20)	H220658-32	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 06 (0-1)	H220658-33	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 06 (2-3)	H220658-34	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 06 (4-5)	H220658-35	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 06 (6-7)	H220658-36	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 06 (9-10)	H220658-37	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 06 (14-15)	H220658-38	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 06 (19-20)	H220658-39	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 07 (0-1)	H220658-40	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 07 (2-3)	H220658-41	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 07 (4-5)	H220658-42	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 08 (0-1)	H220658-43	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 08 (2-3)	H220658-44	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 08 (4-5)	H220658-45	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 08 (6-7)	H220658-46	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 08 (9-10)	H220658-47	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 09 (0-1)	H220658-48	Soil	16-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 10 (0-1)	H220658-53	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 11 (0-1)	H220658-54	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 12 (0-1)	H220658-55	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 13 (0-1)	H220658-56	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 14 (0-1)	H220658-57	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 15 (0-1)	H220658-58	Soil	17-Feb-22 00:00	21-Feb-22 12:35
BH - 22 - 16 (0-1)	H220658-59	Soil	16-Feb-22 00:00	21-Feb-22 12:35

03/02/22 - Client added analysis to lab samples -44 thru -47. This is the revised report and will replace the one sent on 02/26/22.

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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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 01 (2-3)**H220658-01 (Soil)**

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

Chloride	4960		16.0	mg/kg	4	2022327	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			91.9 %	66.9-136		2022308	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			97.7 %	59.5-142		2022308	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 01 (4-5)**H220658-02 (Soil)**

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

Chloride	3360		16.0	mg/kg	4	2022327	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		69.9-140	2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			98.4 %		66.9-136	2022308	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			104 %		59.5-142	2022308	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 01 (6-7)**H220658-03 (Soil)**

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

Chloride	2200		16.0	mg/kg	4	2022327	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		69.9-140	2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			95.7 %		66.9-136	2022308	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		59.5-142	2022308	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 01 (9-10)**H220658-04 (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	2022327	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		69.9-140	2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022308	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			91.2 %		66.9-136	2022308	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			97.2 %		59.5-142	2022308	MS	24-Feb-22	8015B	
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Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 01 (14-15)**H220658-05 (Soil)**

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

Chloride	608		16.0	mg/kg	4	2022327	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	

Surrogate: 1-Chlorooctane			108 %	66.9-136		2022320	MS	23-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			110 %	59.5-142		2022320	MS	23-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 01 (19-20)**H220658-06 (Soil)**

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

Chloride	1020		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140 2022323 MS 25-Feb-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	

Surrogate: 1-Chlorooctane 106 % 66.9-136 2022320 MS 23-Feb-22 8015B

Surrogate: 1-Chlorooctadecane 108 % 59.5-142 2022320 MS 23-Feb-22 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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 01 (24-25)**H220658-07 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022320	MS	23-Feb-22	8015B	

Surrogate: 1-Chlorooctane			106 %	66.9-136		2022320	MS	23-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			109 %	59.5-142		2022320	MS	23-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 01 (29-30)**H220658-08 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			104 %	66.9-136		2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	59.5-142		2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 02 (2-3)**H220658-09 (Soil)**

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

Chloride	1920		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	69.9-140		2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	11.3		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	436		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	88.3		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			100 %	66.9-136		2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			119 %	59.5-142		2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 02 (4-5)**H220658-10 (Soil)**

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

Chloride	2200		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022323	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022323	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		69.9-140	2022323	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	378		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	76.2		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			90.9 %		66.9-136	2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			105 %		59.5-142	2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 02 (6-7)**H220658-11 (Soil)**

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

Chloride	1810		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		69.9-140	2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	15.9		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	661		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	136		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			107 %		66.9-136	2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			128 %		59.5-142	2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 02 (9-10)**H220658-12 (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	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	94.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	10.8		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			98.0 %		66.9-136	2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			103 %		59.5-142	2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 02 (14-15)**H220658-13 (Soil)**

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

Chloride	160		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			92.2 %	66.9-136		2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			92.1 %	59.5-142		2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 02 (19-20)**H220658-14 (Soil)**

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

Chloride	176		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			90.2 %	66.9-136		2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			89.8 %	59.5-142		2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 03 (2-3)**H220658-15 (Soil)**

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

Chloride	3800		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		104 %		69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	134		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	19.1		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane		87.9 %		66.9-136		2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane		93.1 %		59.5-142		2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 03 (4-5)**H220658-16 (Soil)**

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

Chloride	352		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B
Toluene*	<0.050	0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B
Total BTEX	<0.300	0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B

Surrogate: 4-Bromofluorobenzene (PID)	104 %	69.9-140			2022401	MS	25-Feb-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B

Surrogate: 1-Chlorooctane	89.6 %	66.9-136			2022320	MS	24-Feb-22	8015B
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Surrogate: 1-Chlorooctadecane	87.7 %	59.5-142			2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 03 (6-7)**H220658-17 (Soil)**

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

Chloride	1480		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	69.9-140			2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane	97.8 %	66.9-136			2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane	95.4 %	59.5-142			2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 03 (9-10)**H220658-18 (Soil)**

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

Chloride	1680		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		105 %		69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022320	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane		96.2 %		66.9-136		2022320	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane		93.5 %		59.5-142		2022320	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 03 (14-15)**H220658-19 (Soil)**

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

Chloride	256		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			82.1 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			83.7 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 03 (19-20)**H220658-20 (Soil)**

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

Chloride	176		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			78.8 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			81.8 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 04 (2-3)**H220658-22 (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	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			93.3 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			94.9 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 04 (4-5)**H220658-23 (Soil)**

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

Chloride	192		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		69.9-140	2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			87.0 %		66.9-136	2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			89.7 %		59.5-142	2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 04 (6-7)**H220658-24 (Soil)**

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

Chloride	560		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			86.5 %		66.9-136	2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			89.2 %		59.5-142	2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 04 (9-10)**H220658-25 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	2022427	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			78.7 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			79.4 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 05 (0-1)**H220658-26 (Soil)**

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

Chloride	2760		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.200		0.200	mg/kg	200	2022401	MS	25-Feb-22	8021B	
Toluene*	1.08		0.200	mg/kg	200	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	15.0		0.200	mg/kg	200	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	33.2		0.600	mg/kg	200	2022401	MS	25-Feb-22	8021B	
Total BTEX	49.2		1.20	mg/kg	200	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 176 % 69.9-140 2022401 MS 25-Feb-22 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	1540		100	mg/kg	10	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	12900		100	mg/kg	10	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	2110		100	mg/kg	10	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane 606 % 66.9-136 2022324 MS 24-Feb-22 8015B

Surrogate: 1-Chlorooctadecane 1310 % 59.5-142 2022324 MS 24-Feb-22 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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 05 (2-3)**H220658-27 (Soil)**

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

Chloride	1880		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	0.169		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	0.402		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	0.571		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		69.9-140	2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	41.6		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	1340		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	272		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			103 %		66.9-136	2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			157 %		59.5-142	2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 05 (4-5)**H220658-28 (Soil)**

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

Chloride	1180		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	0.099		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	0.311		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	0.410		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			119 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	39.3		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	1440		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	270		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			101 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			156 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 05 (6-7)**H220658-29 (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	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			88.4 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			92.1 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 05 (9-10)**H220658-30 (Soil)**

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

Chloride	<16.0		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			75.5 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			77.0 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 05 (14-15)**H220658-31 (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	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022401	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022401	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2022401	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	93.7		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			80.3 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			88.0 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 05 (19-20)**H220658-32 (Soil)**

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

Chloride	<16.0		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			80.1 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			82.3 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 06 (0-1)**H220658-33 (Soil)**

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

Chloride	8480		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	764		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	166		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			90.6 %		66.9-136	2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			133 %		59.5-142	2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 06 (2-3)**H220658-34 (Soil)**

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

Chloride	4480		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	96.3		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	16.7		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			97.0 %		66.9-136	2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			112 %		59.5-142	2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 06 (4-5)**H220658-35 (Soil)**

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

Chloride	3360		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			82.3 %		66.9-136	2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			84.9 %		59.5-142	2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 06 (6-7)**H220658-36 (Soil)**

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

Chloride	2640		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			84.7 %		66.9-136	2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			85.8 %		59.5-142	2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 06 (9-10)**H220658-37 (Soil)**

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

Chloride	240		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			89.6 %		66.9-136	2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			92.8 %		59.5-142	2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 06 (14-15)**H220658-38 (Soil)**

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

Chloride	112		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			82.0 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			86.9 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 06 (19-20)**H220658-39 (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	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022324	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			82.9 %	66.9-136		2022324	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			88.5 %	59.5-142		2022324	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 07 (0-1)**H220658-40 (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	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			76.4 %	66.9-136		2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			78.7 %	59.5-142		2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 07 (2-3)**H220658-41 (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	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			71.1 %		66.9-136	2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			73.7 %		59.5-142	2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 07 (4-5)**H220658-42 (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	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			89.4 %	66.9-136		2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			92.9 %	59.5-142		2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 08 (0-1)**H220658-43 (Soil)**

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

Chloride	992		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	69.9-140			2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane	74.3 %	66.9-136			2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane	78.1 %	59.5-142			2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 08 (2-3)**H220658-44 (Soil)**

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

Chloride	1650		16.0	mg/kg	4	2030207	GM	02-Mar-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2030116	MS	02-Mar-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2030116	MS	02-Mar-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	

Surrogate: 1-Chlorooctane			116 %		66.9-136	2030209	MS	02-Mar-22	8015B	
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Surrogate: 1-Chlorooctadecane			114 %		59.5-142	2030209	MS	02-Mar-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 08 (4-5)**H220658-45 (Soil)**

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

Chloride	1150		16.0	mg/kg	4	2030207	GM	02-Mar-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2030116	MS	02-Mar-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140 2030116 MS 02-Mar-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	

Surrogate: 1-Chlorooctane 120 % 66.9-136 2030209 MS 02-Mar-22 8015B

Surrogate: 1-Chlorooctadecane 118 % 59.5-142 2030209 MS 02-Mar-22 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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 08 (6-7)**H220658-46 (Soil)**

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

Chloride	1010		16.0	mg/kg	4	2030207	GM	02-Mar-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2030116	MS	02-Mar-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2030116	MS	02-Mar-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	

Surrogate: 1-Chlorooctane			122 %		66.9-136	2030209	MS	02-Mar-22	8015B	
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Surrogate: 1-Chlorooctadecane			120 %		59.5-142	2030209	MS	02-Mar-22	8015B	
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Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 08 (9-10)**H220658-47 (Soil)**

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

Chloride	768		16.0	mg/kg	4	2030207	GM	02-Mar-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2030116	MS	02-Mar-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2030116	MS	02-Mar-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2030116	MS	02-Mar-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2030209	MS	02-Mar-22	8015B	

Surrogate: 1-Chlorooctane			120 %		66.9-136	2030209	MS	02-Mar-22	8015B	
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Surrogate: 1-Chlorooctadecane			118 %		59.5-142	2030209	MS	02-Mar-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 09 (0-1)**H220658-48 (Soil)**

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

Chloride	240		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			70.9 %		66.9-136	2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			70.0 %		59.5-142	2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 10 (0-1)**H220658-53 (Soil)**

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

Chloride	<16.0		16.0	mg/kg	4	2022428	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	0.064		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	0.215		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	0.442		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	0.720		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	12.6		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	16.7		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			84.6 %	66.9-136		2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			83.3 %	59.5-142		2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 11 (0-1)**H220658-54 (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	2022301	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	0.085		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	0.198		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	0.414		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	0.697		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	11.6		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			85.5 %		66.9-136	2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.5 %		59.5-142	2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 12 (0-1)**H220658-55 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	2022301	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	0.059		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		105 %	69.9-140			2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane		86.8 %	66.9-136			2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane		88.6 %	59.5-142			2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 13 (0-1)**H220658-56 (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	2022301	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	0.058		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.6 %		66.9-136	2022412	MS	24-Feb-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.8 %		59.5-142	2022412	MS	24-Feb-22	8015B	
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Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 14 (0-1)**H220658-57 (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	2022301	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			80.3 %	66.9-136		2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			84.4 %	59.5-142		2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 15 (0-1)**H220658-58 (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	2022301	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.3 %		66.9-136	2022412	MS	24-Feb-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.4 %		59.5-142	2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

BH - 22 - 16 (0-1)**H220658-59 (Soil)**

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

Chloride	320		16.0	mg/kg	4	2022301	AC	24-Feb-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2022402	MS	25-Feb-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2022402	MS	25-Feb-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2022402	MS	25-Feb-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2022412	MS	24-Feb-22	8015B	

Surrogate: 1-Chlorooctane			75.2 %		66.9-136	2022412	MS	24-Feb-22	8015B	
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Surrogate: 1-Chlorooctadecane			78.2 %		59.5-142	2022412	MS	24-Feb-22	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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2022301 - 1:4 DI Water**Blank (2022301-BLK1)**

Prepared & Analyzed: 23-Feb-22

Chloride	ND	16.0	mg/kg						
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LCS (2022301-BS1)

Prepared & Analyzed: 23-Feb-22

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (2022301-BSD1)

Prepared & Analyzed: 23-Feb-22

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	
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Batch 2022327 - 1:4 DI Water**Blank (2022327-BLK1)**

Prepared & Analyzed: 23-Feb-22

Chloride	ND	16.0	mg/kg						
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LCS (2022327-BS1)

Prepared & Analyzed: 23-Feb-22

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (2022327-BSD1)

Prepared & Analyzed: 23-Feb-22

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20	
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Batch 2022427 - 1:4 DI Water**Blank (2022427-BLK1)**

Prepared & Analyzed: 24-Feb-22

Chloride	ND	16.0	mg/kg						
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LCS (2022427-BS1)

Prepared & Analyzed: 24-Feb-22

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

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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 2022427 - 1:4 DI Water**LCS Dup (2022427-BSD1)**

Prepared & Analyzed: 24-Feb-22

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 2022428 - 1:4 DI Water**Blank (2022428-BLK1)**

Prepared & Analyzed: 24-Feb-22

Chloride	ND	16.0	mg/kg					
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LCS (2022428-BS1)

Prepared & Analyzed: 24-Feb-22

Chloride	400	16.0	mg/kg	400	100	80-120		
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LCS Dup (2022428-BSD1)

Prepared & Analyzed: 24-Feb-22

Chloride	416	16.0	mg/kg	400	104	80-120	3.92	20
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Batch 2030207 - 1:4 DI Water**Blank (2030207-BLK1)**

Prepared & Analyzed: 02-Mar-22

Chloride	ND	16.0	mg/kg					
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LCS (2030207-BS1)

Prepared & Analyzed: 02-Mar-22

Chloride	432	16.0	mg/kg	400	108	80-120		
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LCS Dup (2030207-BSD1)

Prepared & Analyzed: 02-Mar-22

Chloride	416	16.0	mg/kg	400	104	80-120	3.77	20
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Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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 2022323 - Volatiles**Blank (2022323-BLK1)**

Prepared: 23-Feb-22 Analyzed: 25-Feb-22

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)	0.0516		mg/kg	0.0500		103	69.9-140			

LCS (2022323-BS1)

Prepared: 23-Feb-22 Analyzed: 25-Feb-22

Benzene	2.06	0.050	mg/kg	2.00		103	83.4-122			
Toluene	2.05	0.050	mg/kg	2.00		102	84.2-126			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.1	84.2-121			
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	89.9-126			
o-Xylene	2.01	0.050	mg/kg	2.00		101	84.3-123			
Total Xylenes	6.17	0.150	mg/kg	6.00		103	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	69.9-140			

LCS Dup (2022323-BS1)

Prepared: 23-Feb-22 Analyzed: 25-Feb-22

Benzene	2.16	0.050	mg/kg	2.00		108	83.4-122	4.38	12.6	
Toluene	2.13	0.050	mg/kg	2.00		107	84.2-126	4.15	13.3	
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	84.2-121	3.50	13.9	
m,p-Xylene	4.28	0.100	mg/kg	4.00		107	89.9-126	2.92	13.6	
o-Xylene	2.04	0.050	mg/kg	2.00		102	84.3-123	1.24	14.1	
Total Xylenes	6.31	0.150	mg/kg	6.00		105	89.1-124	2.38	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	69.9-140			

Batch 2022401 - Volatiles**Blank (2022401-BLK1)**

Prepared: 24-Feb-22 Analyzed: 25-Feb-22

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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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 2022401 - Volatiles**Blank (2022401-BLK1)**

Prepared: 24-Feb-22 Analyzed: 25-Feb-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	69.9-140			

LCS (2022401-BS1)

Prepared: 24-Feb-22 Analyzed: 25-Feb-22

Benzene	2.17	0.050	mg/kg	2.00		108	83.4-122			
Toluene	2.14	0.050	mg/kg	2.00		107	84.2-126			
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	84.2-121			
m,p-Xylene	4.46	0.100	mg/kg	4.00		111	89.9-126			
o-Xylene	2.13	0.050	mg/kg	2.00		106	84.3-123			
Total Xylenes	6.58	0.150	mg/kg	6.00		110	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0507		mg/kg	0.0500		101	69.9-140			

LCS Dup (2022401-BS1)

Prepared: 24-Feb-22 Analyzed: 25-Feb-22

Benzene	2.13	0.050	mg/kg	2.00		107	83.4-122	1.65	12.6	
Toluene	2.10	0.050	mg/kg	2.00		105	84.2-126	1.65	13.3	
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	84.2-121	1.90	13.9	
m,p-Xylene	4.38	0.100	mg/kg	4.00		110	89.9-126	1.78	13.6	
o-Xylene	2.08	0.050	mg/kg	2.00		104	84.3-123	2.16	14.1	
Total Xylenes	6.46	0.150	mg/kg	6.00		108	89.1-124	1.90	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	69.9-140			

Batch 2022402 - Volatiles**Blank (2022402-BLK1)**

Prepared: 24-Feb-22 Analyzed: 25-Feb-22

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)	0.0518		mg/kg	0.0500		104	69.9-140			

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Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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 2022402 - Volatiles**LCS (2022402-BS1)**

Prepared: 24-Feb-22 Analyzed: 25-Feb-22

Benzene	2.10	0.050	mg/kg	2.00		105	83.4-122			
Toluene	2.07	0.050	mg/kg	2.00		104	84.2-126			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	84.2-121			
m,p-Xylene	4.27	0.100	mg/kg	4.00		107	89.9-126			
o-Xylene	2.03	0.050	mg/kg	2.00		101	84.3-123			
Total Xylenes	6.29	0.150	mg/kg	6.00		105	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	69.9-140			

LCS Dup (2022402-BS1)

Prepared: 24-Feb-22 Analyzed: 25-Feb-22

Benzene	2.14	0.050	mg/kg	2.00		107	83.4-122	1.92	12.6	
Toluene	2.11	0.050	mg/kg	2.00		106	84.2-126	1.97	13.3	
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	84.2-121	2.76	13.9	
m,p-Xylene	4.38	0.100	mg/kg	4.00		110	89.9-126	2.58	13.6	
o-Xylene	2.10	0.050	mg/kg	2.00		105	84.3-123	3.62	14.1	
Total Xylenes	6.48	0.150	mg/kg	6.00		108	89.1-124	2.91	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0511		mg/kg	0.0500		102	69.9-140			

Batch 2030116 - Volatiles**Blank (2030116-BLK1)**

Prepared: 01-Mar-22 Analyzed: 02-Mar-22

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)	0.0518		mg/kg	0.0500		104	69.9-140			

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Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2030116 - Volatiles**LCS (2030116-BS1)**

Prepared: 01-Mar-22 Analyzed: 02-Mar-22

Benzene	2.09	0.050	mg/kg	2.00		104	83.4-122		
Toluene	2.08	0.050	mg/kg	2.00		104	84.2-126		
Ethylbenzene	2.00	0.050	mg/kg	2.00		99.8	84.2-121		
m,p-Xylene	4.18	0.100	mg/kg	4.00		105	89.9-126		
o-Xylene	2.02	0.050	mg/kg	2.00		101	84.3-123		
Total Xylenes	6.20	0.150	mg/kg	6.00		103	89.1-124		
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	69.9-140		

LCS Dup (2030116-BS1)

Prepared: 01-Mar-22 Analyzed: 02-Mar-22

Benzene	2.09	0.050	mg/kg	2.00		104	83.4-122	0.0321	12.6
Toluene	2.08	0.050	mg/kg	2.00		104	84.2-126	0.0529	13.3
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.4	84.2-121	0.430	13.9
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	89.9-126	0.766	13.6
o-Xylene	1.96	0.050	mg/kg	2.00		97.9	84.3-123	3.04	14.1
Total Xylenes	6.11	0.150	mg/kg	6.00		102	89.1-124	1.50	13.4
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	69.9-140		

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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 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2022308 - General Prep - Organics**Blank (2022308-BLK1)**

Prepared & Analyzed: 23-Feb-22

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	49.9		mg/kg	50.0		99.8	66.9-136		
Surrogate: 1-Chlorooctadecane	52.9		mg/kg	50.0		106	59.5-142		

LCS (2022308-BS1)

Prepared & Analyzed: 23-Feb-22

GRO C6-C10	188	10.0	mg/kg	200		93.9	81.6-129		
DRO >C10-C28	186	10.0	mg/kg	200		93.1	83-129		
Total TPH C6-C28	374	10.0	mg/kg	400		93.5	84.5-127		
Surrogate: 1-Chlorooctane	56.0		mg/kg	50.0		112	66.9-136		
Surrogate: 1-Chlorooctadecane	59.4		mg/kg	50.0		119	59.5-142		

LCS Dup (2022308-BS1)

Prepared & Analyzed: 23-Feb-22

GRO C6-C10	232	10.0	mg/kg	200		116	81.6-129	20.9	21.4
DRO >C10-C28	194	10.0	mg/kg	200		96.8	83-129	3.95	17.9
Total TPH C6-C28	426	10.0	mg/kg	400		106	84.5-127	12.9	17.6
Surrogate: 1-Chlorooctane	61.3		mg/kg	50.0		123	66.9-136		
Surrogate: 1-Chlorooctadecane	59.9		mg/kg	50.0		120	59.5-142		

Batch 2022320 - General Prep - Organics**Blank (2022320-BLK1)**

Prepared & Analyzed: 23-Feb-22

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	56.3		mg/kg	50.0		113	66.9-136		
Surrogate: 1-Chlorooctadecane	57.0		mg/kg	50.0		114	59.5-142		

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2022320 - General Prep - Organics**LCS (2022320-BS1)**

Prepared & Analyzed: 23-Feb-22

GRO C6-C10	210	10.0	mg/kg	200	105	81.6-129			
DRO >C10-C28	248	10.0	mg/kg	200	124	83-129			
Total TPH C6-C28	458	10.0	mg/kg	400	115	84.5-127			
Surrogate: 1-Chlorooctane	60.9		mg/kg	50.0	122	66.9-136			
Surrogate: 1-Chlorooctadecane	61.0		mg/kg	50.0	122	59.5-142			

LCS Dup (2022320-BS1)

Prepared & Analyzed: 23-Feb-22

GRO C6-C10	212	10.0	mg/kg	200	106	81.6-129	0.703	21.4	
DRO >C10-C28	248	10.0	mg/kg	200	124	83-129	0.139	17.9	
Total TPH C6-C28	460	10.0	mg/kg	400	115	84.5-127	0.398	17.6	
Surrogate: 1-Chlorooctane	60.1		mg/kg	50.0	120	66.9-136			
Surrogate: 1-Chlorooctadecane	60.0		mg/kg	50.0	120	59.5-142			

Batch 2022324 - General Prep - Organics**Blank (2022324-BLK1)**

Prepared: 23-Feb-22 Analyzed: 24-Feb-22

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	52.8		mg/kg	50.0	106	66.9-136			
Surrogate: 1-Chlorooctadecane	56.7		mg/kg	50.0	113	59.5-142			

LCS (2022324-BS1)

Prepared & Analyzed: 23-Feb-22

GRO C6-C10	166	10.0	mg/kg	200	83.2	81.6-129			
DRO >C10-C28	220	10.0	mg/kg	200	110	83-129			
Total TPH C6-C28	387	10.0	mg/kg	400	96.7	84.5-127			
Surrogate: 1-Chlorooctane	62.7		mg/kg	50.0	125	66.9-136			
Surrogate: 1-Chlorooctadecane	63.1		mg/kg	50.0	126	59.5-142			

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Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2022324 - General Prep - Organics**LCS Dup (2022324-BSD1)**

Prepared: 23-Feb-22 Analyzed: 24-Feb-22

GRO C6-C10	164	10.0	mg/kg	200		82.2	81.6-129	1.22	21.4
DRO >C10-C28	211	10.0	mg/kg	200		106	83-129	4.17	17.9
Total TPH C6-C28	376	10.0	mg/kg	400		93.9	84.5-127	2.89	17.6
Surrogate: 1-Chlorooctane	61.1		mg/kg	50.0		122	66.9-136		
Surrogate: 1-Chlorooctadecane	60.7		mg/kg	50.0		121	59.5-142		

Batch 2022412 - General Prep - Organics**Blank (2022412-BLK1)**

Prepared & Analyzed: 24-Feb-22

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	54.2		mg/kg	50.0		108	66.9-136		
Surrogate: 1-Chlorooctadecane	59.0		mg/kg	50.0		118	59.5-142		

LCS (2022412-BS1)

Prepared & Analyzed: 24-Feb-22

GRO C6-C10	185	10.0	mg/kg	200		92.3	81.6-129		
DRO >C10-C28	224	10.0	mg/kg	200		112	83-129		
Total TPH C6-C28	409	10.0	mg/kg	400		102	84.5-127		
Surrogate: 1-Chlorooctane	63.7		mg/kg	50.0		127	66.9-136		
Surrogate: 1-Chlorooctadecane	65.9		mg/kg	50.0		132	59.5-142		

LCS Dup (2022412-BSD1)

Prepared & Analyzed: 24-Feb-22

GRO C6-C10	186	10.0	mg/kg	200		92.8	81.6-129	0.528	21.4
DRO >C10-C28	228	10.0	mg/kg	200		114	83-129	1.95	17.9
Total TPH C6-C28	414	10.0	mg/kg	400		104	84.5-127	1.31	17.6
Surrogate: 1-Chlorooctane	58.1		mg/kg	50.0		116	66.9-136		
Surrogate: 1-Chlorooctadecane	63.7		mg/kg	50.0		127	59.5-142		

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Analytical Results For:

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

Project: EVGSAU 3440-02 FLOWLINE RELE/
Project Number: 212C - MD - 02499
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
02-Mar-22 16:15

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 2030209 - General Prep - Organics**Blank (2030209-BLK1)**

Prepared & Analyzed: 02-Mar-22

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	62.4		mg/kg	50.0		125	66.9-136			
Surrogate: 1-Chlorooctadecane	61.3		mg/kg	50.0		123	59.5-142			

LCS (2030209-BS1)

Prepared & Analyzed: 02-Mar-22

GRO C6-C10	210	10.0	mg/kg	200		105	81.6-129			
DRO >C10-C28	210	10.0	mg/kg	200		105	83-129			
Total TPH C6-C28	420	10.0	mg/kg	400		105	84.5-127			
Surrogate: 1-Chlorooctane	63.6		mg/kg	50.0		127	66.9-136			
Surrogate: 1-Chlorooctadecane	60.6		mg/kg	50.0		121	59.5-142			

LCS Dup (2030209-BSD1)

Prepared & Analyzed: 02-Mar-22

GRO C6-C10	221	10.0	mg/kg	200		110	81.6-129	4.92	21.4	
DRO >C10-C28	245	10.0	mg/kg	200		123	83-129	15.6	17.9	
Total TPH C6-C28	466	10.0	mg/kg	400		117	84.5-127	10.4	17.6	
Surrogate: 1-Chlorooctane	64.0		mg/kg	50.0		128	66.9-136			
Surrogate: 1-Chlorooctadecane	61.8		mg/kg	50.0		124	59.5-142			

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Page 01 of 07

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Page 02 of 67

Company Name: ConocoPhillips Project Manager: Christian Lull Address: christian.lull@tetratech.com City: State: Zip: Phone #: (512) 338-1667 Fax #: NA Project #: 212C-MD-02499 Project Owner: Project Name: EVGSAU 3440-02 Flowline Release Project Location: Lea County, New Mexico Sampler Name: Joe Tyler										P.O. #: Company: Tetra Tech Attn: Christian Lull Address: by email City: State: Zip: Phone #: Fax #:										BILL TO										ANALYSIS REQUEST									
Lab I.D. Sample I.D. H220658 11 BH-22-02 (6-7) (9-10) (14-15) (19-20) 12 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20) 13 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20) 14 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20) 15 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20) 16 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20) 17 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20) 18 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20) 19 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20) 20 BH-22-03 (2-3) (4-5) (6-7) (9-10) (14-15) (19-20)										(G) RAB OR (C) OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :										MATRIX PRESERV SAMPLING										DATE TIME TPH BTEX Chlorides Hold									
Relinquished By: [Signature] Date: 8-21-22 Time: 13:35 Received By: [Signature] Date: 8-21-22 Time: 13:35										Relinquished By: [Signature] Date: 8-21-22 Time: 13:35 Received By: [Signature] Date: 8-21-22 Time: 13:35										Relinquished By: [Signature] Date: 8-21-22 Time: 13:35 Received By: [Signature] Date: 8-21-22 Time: 13:35										Relinquished By: [Signature] Date: 8-21-22 Time: 13:35 Received By: [Signature] Date: 8-21-22 Time: 13:35									
Delivered By: (Circle One) 1.66 2.0-0.52 1.16 2.0-0.52 Sampler - UPS - Bus - Other: 1.16 2.0-0.52 1.16 2.0-0.52										Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										CHECKED BY: (Initials) [Signature]										Phone Results: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: Email Results to: PM									



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Page 63 of 07

Company Name: ConocoPhillips										BILL TO		ANALYSIS REQUEST									
Project Manager: Christian Llull										P.O. #:											
Address: christian.llull@tetratech.com										Company: Tetra Tech											
City:										Attn: Christian Llull											
Phone #: (512) 338-1667										Address: by email											
Project #: 212C-MD-02499										City:											
Project Name: EVGSAU 3440-02 Flowline Release										State: Zip:											
Project Location: Lea County, New Mexico										Phone #:											
Sample Name: Joe Tyler										Fax #:											
FOR LAB USE ONLY																					
Lab I.D.										Sample I.D.											
H220658										(G)RAB OR (C)OMP.											
										# CONTAINERS											
										GROUNDWATER											
										WASTEWATER											
										SOIL											
										OIL											
										SLUDGE											
										OTHER :											
										ACID/BASE:											
										ICE / COOL											
										OTHER :											
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Page 04 of 07

BILL TO

ANALYSIS REQUEST

Company Name: ConocoPhillips	P.O. #:	
Project Manager: Christian Lull	Company: Tetra Tech	
Address: christian.lull@tetratech.com	Attn: Christian Lull	
City:	Address: by email	
State:	City:	
Zip:	State:	
Phone #: (512) 338-1667	Fax #: NA	
Project #: 212C-MD-02499	Project Owner:	
Project Name: EVGSAU 3440-02 Flowline Release	City:	
Project Location: Lea County, New Mexico	State:	
Zip:	Phone #:	
Sample Name: Joe Tyler	Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			TPH	BTEX	Chlorides	Hold		
H220658																	
31	BH-22-05	(14-15)	1							2-16-22		X	X	X			
32		(14-20)	1									X	X				
33	BH-22-06	(0-1)	1							2-16-22		X	X				
34		(2-5)	1									X	X				
35		(4-5)	1									X	X				
36		(6-7)	1									X	X				
37		(9-10)	1									X	X				
38		(14-15)	1									X	X				
39		(19-20)	1									X	X				
40	BH-22-07	(0-1)	1							2-16-22		X	X				

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Relinquished By:	Date: 2-21-22	Received By:	Date: 2-21-22
	Time: 1:35		Time: 1:35

Relinquished By:	Date:	Received By:	Date:
	Time:		Time:

Delivered By: (Circle One)	1.6c	0.0.5c	Sample Condition	CHECKED BY:
Sampler - UPS	1.1c	#13	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
Bus - Other:			Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	4-0



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 05 of 07

Company Name: ConocoPhillips		BILL TO		ANALYSIS REQUEST											
Project Manager: Christian Lull		P.O. #:													
Address: christian.lull@tetratech.com		Company: Tetra Tech													
City:		Attn: Christian Lull													
Phone #: (512) 338-1667		Address: by email													
Project #: 212C-MD-02499		City:													
Project Name: EVGSAU 3440-02 Flowline Release		State:													
Project Location: Lea County, New Mexico		Phone #:													
Sampler Name: Joe Tyler		Fax #:													
FOR LAB USE ONLY		PRESERV.		SAMPLING											
Lab I.D.		Sample I.D.		MATRIX		PRESERV.		SAMPLING							
H220658		BH-22-07 (2-3)		(G)RAB OR (C)OMP.		DATE		TIME							
41		BH-22-07 (2-3)		G 01		2-16-22									
42		(4-5)		X		2-16-22									
43		BH-22-08 (0-1)		X		2-16-22									
44		(2-3)		X		2-16-22									
45		(4-5)		X		2-16-22									
46		(6-7)		X		2-16-22									
47		(9-10)		X		2-16-22									
48		(0-1)		X		2-16-22									
49		(2-3)		X		2-16-22									
50		(4-5)		X		2-16-22									
Relinquished By: Joe Tyler		Date: 2-21-22		Time: 1:35		Received By: [Signature]		Date: 2-21-22		Time: 1:35		Phone Results: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: PM	
Delivered By: (Circle One) 1.6c		Sample Condition		Cool		Intact		Checked By: (Initials) A.O.		Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:			
Sampler - UPS - Bus - Other: 1.1c #113		Sample Condition		Cool		Intact		Checked By: (Initials) A.O.		Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:			

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 06 of 07

Company Name: ConocoPhillips		P.O. #:		ANALYSIS REQUEST	
Project Manager: Christian Lull		Company: Tetra Tech			
Address: christian.lull@tetratech.com		Attn: Christian Lull			
City:		Address: by email			
State:		City:			
Zip:		State:			
Phone #: (512) 338-1667		Fax #:			
Project #: 212C-MD-02499		Project Owner:			
Project Name: EVGSAU 3440-02 Flowline Release		State:			
Project Location: Lea County, New Mexico		Zip:			
Phone #:		Phone #:			
Fax #:		Fax #:			
Sampler Name: Joe Tyler		Matrix:			
FOR LAB USE ONLY		PRESERV:			
Lab I.D.		SAMPLING			
Sample I.D.		TPH			
H220658		BTEX			
51 BH-22-09 (6-7)		Chlorides			
52 BH-22-10 (0-1)		Hold			
53 BH-22-11 (0-1)					
54 BH-22-12 (0-1)					
55 BH-22-13 (0-1)					
56 BH-22-14 (0-1)					
57 BH-22-15 (0-1)					
58 BH-22-16 (0-1)					
59 BH-22-17 (0-1)					
60 BH-22-18 (0-1)					
DATE		TIME			
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2-88-22		2-88-22			
2-89-22		2-89-22			
2-90-22					



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

March 10, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 3440-02 FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/08/22 9:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	EVGSAU 3440-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02499	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

Sample ID: BH - 22 - 17 (0-1') (H220900-01)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2022	ND	1.95	97.3	2.00	8.95	
Toluene*	<0.050	0.050	03/10/2022	ND	1.95	97.5	2.00	9.53	
Ethylbenzene*	<0.050	0.050	03/10/2022	ND	1.88	93.8	2.00	9.37	
Total Xylenes*	<0.150	0.150	03/10/2022	ND	5.84	97.3	6.00	8.69	
Total BTEX	<0.300	0.300	03/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/09/2022	ND	400	100	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	03/09/2022	ND	227	114	200	1.56	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	218	109	200	2.40	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.0 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

APPENDIX G

NMSLO Seed Mixture Details



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Lea County, New Mexico**



February 11, 2022

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

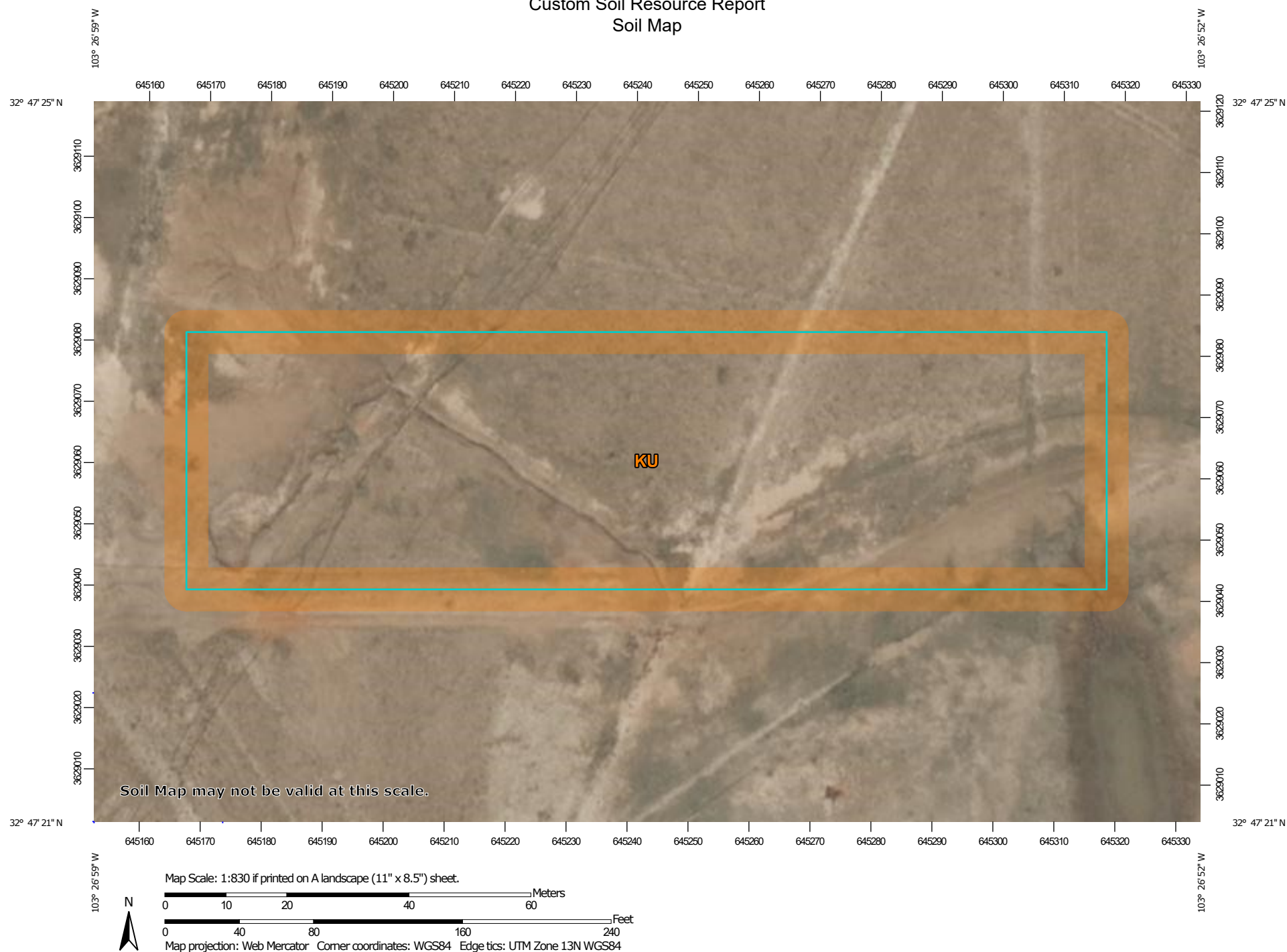
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map


The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map


Custom Soil Resource Report

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 18, Sep 10, 2021

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.

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	1.6	100.0%
Totals for Area of Interest		1.6	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Custom Soil Resource Report

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Custom Soil Resource Report

Lea County, New Mexico**KU—Kimbrough-Lea complex, dry, 0 to 3 percent slopes****Map Unit Setting**

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

Map Unit Composition

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

Description of Kimbrough**Setting**

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

Typical profile

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

Properties and qualities

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

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Custom Soil Resource Report

Description of Lea**Setting***Landform:* Plains*Down-slope shape:* Convex*Across-slope shape:* Linear*Parent material:* Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age over indurated caliche of pliocene age**Typical profile***A - 0 to 10 inches:* loam*Bk - 10 to 18 inches:* loam*Bkk - 18 to 26 inches:* gravelly fine sandy loam*Bkkm - 26 to 80 inches:* cemented material**Properties and qualities***Slope:* 0 to 3 percent*Depth to restrictive feature:* 22 to 30 inches to petrocalcic*Drainage class:* Well drained*Runoff class:* High*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)*Depth to water table:* More than 80 inches*Frequency of flooding:* None*Frequency of ponding:* None*Calcium carbonate, maximum content:* 90 percent*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*Sodium adsorption ratio, maximum:* 3.0*Available water supply, 0 to 60 inches:* Very low (about 2.9 inches)**Interpretive groups***Land capability classification (irrigated):* None specified*Land capability classification (nonirrigated):* 7s*Hydrologic Soil Group:* D*Ecological site:* R077DY047TX - Sandy Loam 12-17" PZ*Hydric soil rating:* No**Minor Components****Douro***Percent of map unit:* 12 percent*Landform:* Plains*Down-slope shape:* Linear*Across-slope shape:* Linear*Ecological site:* R077DY047TX - Sandy Loam 12-17" PZ*Other vegetative classification:* Unnamed (G077DH000TX)*Hydric soil rating:* No**Kenhill***Percent of map unit:* 12 percent*Landform:* Plains*Down-slope shape:* Linear*Across-slope shape:* Linear*Ecological site:* R077DY038TX - Clay Loam 12-17" PZ*Hydric soil rating:* No

Custom Soil Resource Report

Spraberry

Percent of map unit: 6 percent

Landform: Playa rims, plains

Down-slope shape: Convex, linear

Across-slope shape: Linear

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

Other vegetative classification: Unnamed (G077DH000TX)

Hydric soil rating: No

SLO Seed Mix

SM Series

1 REVEGETATION PLANS

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

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

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

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



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

CONDITIONS

Action 97930

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 97930
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Composite confirmation samples will be collected from the bottom and sidewall of the excavation from areas representing no more than four hundred (400) square feet.	5/17/2022