



January 24, 2022

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

**Re: Closure Report
ConocoPhillips
EVGSAU Satellite 1 / 2 Trunkline Release
Unit Letter J, Section 28, Township 17 South, Range 35 East
Lea County, New Mexico
Incident # nAPP2130843704**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to remediate a release that occurred from a line strike at the East Vacuum Grayburg San Andres Unit (EVGSAU) Satellite 1 / 2 trunk line. The release footprint is located in Public Land Survey System (PLSS) Unit Letter J, Section 28, Township 17 South, Range 35 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.802860°, -103.462566° as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Attachment A), the release occurred between 7:30 and 8:00 AM on October 25, 2021. As documented on the C-141 form, the EVGSAU Satellite 1 / 2 eight-inch Production trunk line was inadvertently struck with the excavator bucket during remediation activities being conducted for a separate incident (VGEU 01-02 Flowline release (nRM1930958355)). The source of the release was stopped (trunk line shut in) at approximately 9:35 AM on October 25, 2021. The majority of the release footprint was contained within the existing open excavation. Vacuum trucks were able to recover 95% of released fluids. Remediation activities began immediately at the release site.

According to the C-141, the line strike resulted in the release of approximately 211 barrels (bbls) of produced water and 32 bbls of oil were reported released, of which 200 bbls produced water and 30 bbls oil were recovered. The release was observed as encompassing an area of approximately 5,300 square feet (sf) of area, largely within the existing excavation and working area, with some impacted overspray area on an adjacent caliche lease road. The release area footprint outside the excavation was bermed and fenced as a portion of initial response activities. The New Mexico Oil Conservation Division (NMOCD) was notified via email on October 26, 2021. The C-141A was submitted on November 4, 2021 and approved by the OCD. The C-141 was submitted to the NMOCD that same day and approved by Ramona Marcus of the NMOCD on November 8, 2021 and assigned the incident ID (n#) nAPP2130843704.

SITE CHARACTERIZATION

A site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.0029 New Mexico Administrative Code (NMAC). The lateral extents of the release are located roughly 200 feet from of a playa lake. The Site is in an area of low karst potential.

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The Site is within a New Mexico oil and gas production area. According to the New Mexico Office of the State Engineers (NMOSE) database, there is one (1) water well within a ½ mile (800-meter) radius of the Site with an average depth to groundwater at 80 feet (ft.) below ground surface (bgs). Additional Depth to Water information is provided in Appendix B. The remainder of the site characterization data is included in Appendix B.

REGULATORY FRAMEWORK

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

Based on the site characterization, the RRALs for the Site are as follows:

Constituent	RRAL
Chloride (0-4 ft bgs)	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

INITIAL RESPONSE

As mentioned above, the release area footprint was fenced as a portion of initial response. As the majority of the release footprint occurred within the open, existing VGEU 01-02 Flowline release excavation (nRM 1930958355), the horizontal bounds of the release were well defined. The open excavation floor was at approximately 4 bgs at the time of the trunk line strike.

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 November 2021. The footprint of the release was first scraped to remove the residual staining, while repairs to the trunk line were underway. The impacted soils at the trunk line strike release point were excavated using non-aggressive methods (such as hand-digging with shovels or hydro-excavation) given the hazards presented by underground utilities, and confirmation samples were collected in the area to verify the efficacy of the hand dug areas. Aggressive excavation methods (excavators, backhoes) were restricted to areas outside of the 4-foot buffer zone of the trunk line. The release footprint, site features and existing excavation at the time of the release are shown in Figure 3. Photographic documentation of the release is included in Appendix D.

REMEDIATION ACTIVITIES

Remedial activities were conducted at the site from October 27, 2021 to January 12, 2022. Based on the observed staining and photographic documentation of the release footprint, the soil in the interior of the existing excavation was initially deepened 1' for a total of 5' bgs. Floor samples collected were field screened for salinity parts per million (ppm) using an ExStik II EC 400 meter. Preliminary screening results indicated that soils were still impacted at concentrations above the RRALs. Excavation continued until a representative sample from the walls and bottom of the excavation had a field screening value inferred as lower than the RRALs for the site. The impacted area was deepened 2' for a total of 6' bgs. Thus, COP excavated the majority of the footprint of the release within the existing excavation to 6' bgs as shown in Figure 4. The subsurface soil was extremely dense and, in some areas, required ripping. Large boulders were noted at 5'-6' bgs in some areas.

The remainder of the footprint to the southwest (outside of the existing excavation) was largely overspray area and was initially excavated to 1' bgs. After field screening, this area within the release footprint was deepened to 3' bgs. At the time of the incident, there was a wall of native material/spoils as indicated in Figure 3. The overspray area which coincided with the future VGEU 01-02 Release footprint was initially

Closure Report
January 24, 2022

ConocoPhillips

excavated to 4' bgs. Floor sample locations associated with the ongoing remediation work in that area (FS-28, FS-29 and FS-31) were used as coincident sampling points.

In the main footprint of the release area, impacted soils were excavated using heavy equipment (backhoes and track hoes) until a representative sample from the walls and bottom of the excavation was below the RRALs. As mentioned, non-aggressive methods (such as hand-digging with shovels or hydro-excavation) were used in the vicinity of underground utilities. All the excavated material was transported offsite for proper disposal. Approximately 650 cubic yards of material were transported to the R360 facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix E.

CONFIRMATION SAMPLING RESULTS

In accordance with 19.15.29.12(D)(1)(b) NMAC, ConocoPhillips conducted confirmation sampling of the remediated area for verification of remedial activities where each sidewall and floor sample was representative of approximately 200 square feet. A total of twenty-three (23) floor sample locations and twenty-one (24) sidewall sample locations were used during the remedial activities conducted from November 2021 to January 2022. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-21-#. Sidewall samples were collected in representative locations which distinguish the impact from the nAPP2130843704 from the initial nRM1930958355 release. The 21 designation serves to differentiate these locations from the VGEU 01-02 Release footprint sample locations.

Iterative confirmation samples were located to encompass the original sample locations that triggered removal (nomenclature defined in Table 2) post-additional excavation. If the sidewall area was expanded due to unacceptable confirmation sample results, the parentheses indicate the expansion iteration. For floor samples, the parentheses indicate the excavation floor depth from which the sample was collected. Excavated areas, depths and confirmation sample locations are shown in Figure 4.

Collected confirmation samples to be submitted for analysis were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal Laboratories in Hobbs, New Mexico. The soil samples were analyzed for TPH (GRO, DRO and ORO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. Once results were received that were below the applicable RRALs, the remediation of the incident footprint was deemed complete.

The excavation associated with this incident encompassed a surface area of approximately 6,610 square feet. Each confirmation sample laboratory analytical result was directly compared to the proposed RRALs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below the respective RRALs for BTEX, TPH and chlorides, except for two locations. At FS-21-1 (5'), located within the buffer zone, the dense subsurface lithology prevented the non-aggressive methods (hand-digging and/or hydro-vac) from further excavation in that area. Analytical results for TPH slightly exceeded the RRAL of 100 mg/kg. At location FS-31 (6'), large dense boulders precluded further excavation in the area, and the analytical results for chloride slightly exceeded the RRAL of 600 mg/kg. Results from the 2021 and 2022 confirmation sampling events are summarized in Table 1. Results from the coincident shared locations are summarized in Table 2.

RECLAMATION

As the excavation is ongoing for the existing VGEU 01-02 Flowline release excavation (nRM1930958355) the majority of the excavation has not yet been backfilled with clean material to surface grade. The area of the repaired trunk line was backfilled with clean material (loose sand) on December 22, 2021 to protect the exposed repaired line. Photographs of the backfill in this vicinity are provided in Appendix D. The projected future remaining footprint for the VGEU 01-02 Flowline release excavation (nRM1930958355) is indicated in Figure 4. When the VGEU 01-02 Flowline release excavation (nRM1930958355) is completed, the excavated areas will be backfilled. As prescribed in the VGEU 01-02 Release Work Plan, the backfilled areas will be seeded to aid in revegetation. Based on the soils at the site and the nRM1930958355 Work

Closure Report
January 24, 2022

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Plan, the New Mexico State Land Office (NMSLO) Loamy (L) Sites Seed Mixture was used for seeding and planted in the amount specified in the pounds pure live seed (PLS) per acre.

CONCLUSION

ConocoPhillips has completed remediation at the release site. This final closure report has been submitted within 90 days of discovery of the release. This final closure report details the remediation activities and the results of the confirmation sampling. ConocoPhillips respectfully requests closure of this release based on the sampling results and remediation activities performed. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation work or confirmation sampling for the Site, please call me at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.



Christian M. Llull, P.G.
Program Manager

cc:
Mr. Sam Widmer, RMR – ConocoPhillips

Closure Report
January 24, 2022

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LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent
- Figure 4 – Remediation Extents and Confirmation Sample Locations

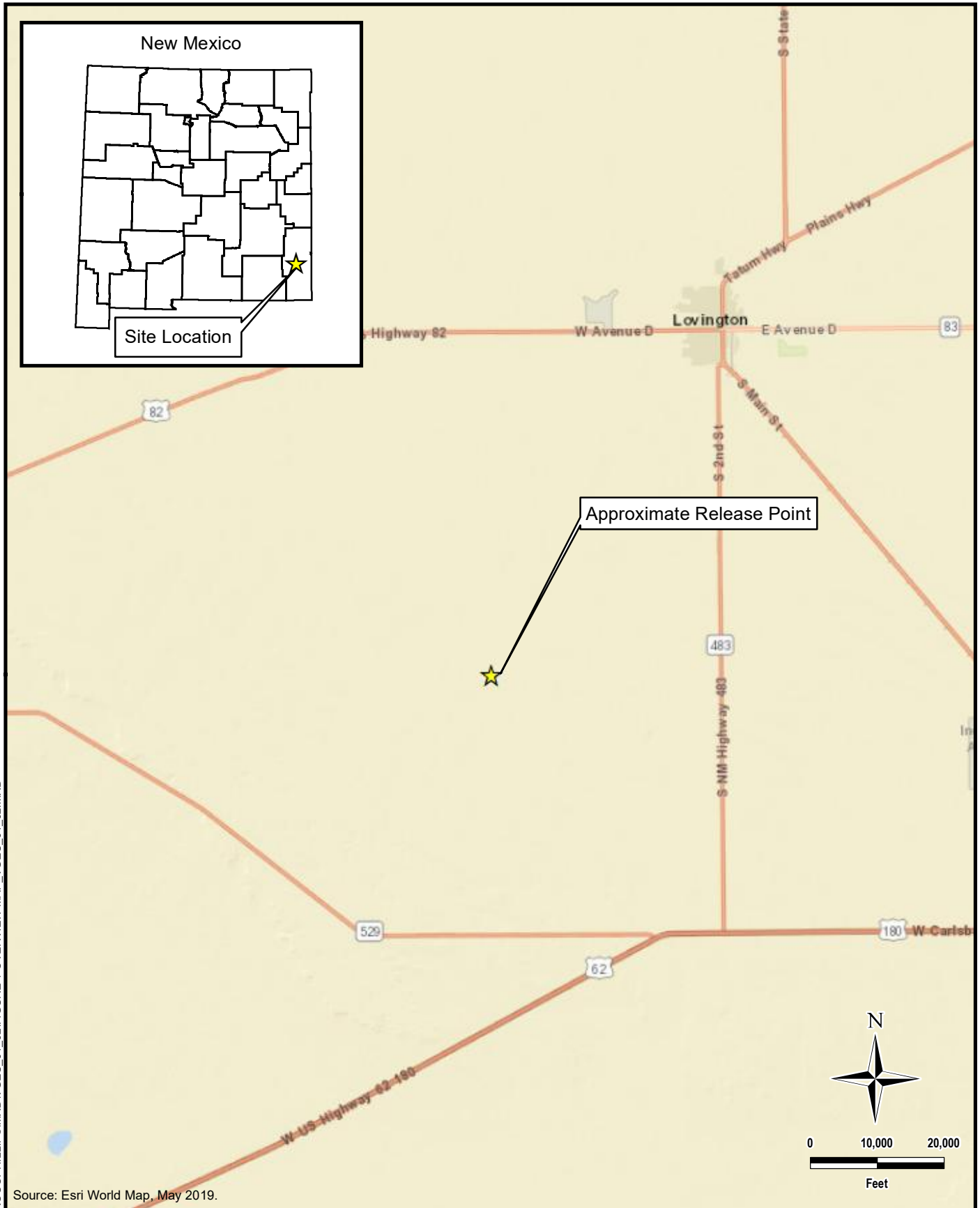
Tables:

- Table 1 – Summary of Analytical Results – Soil Remediation
- Table 2 – Summary of Analytical Results – Confirmation Sampling


Appendices:

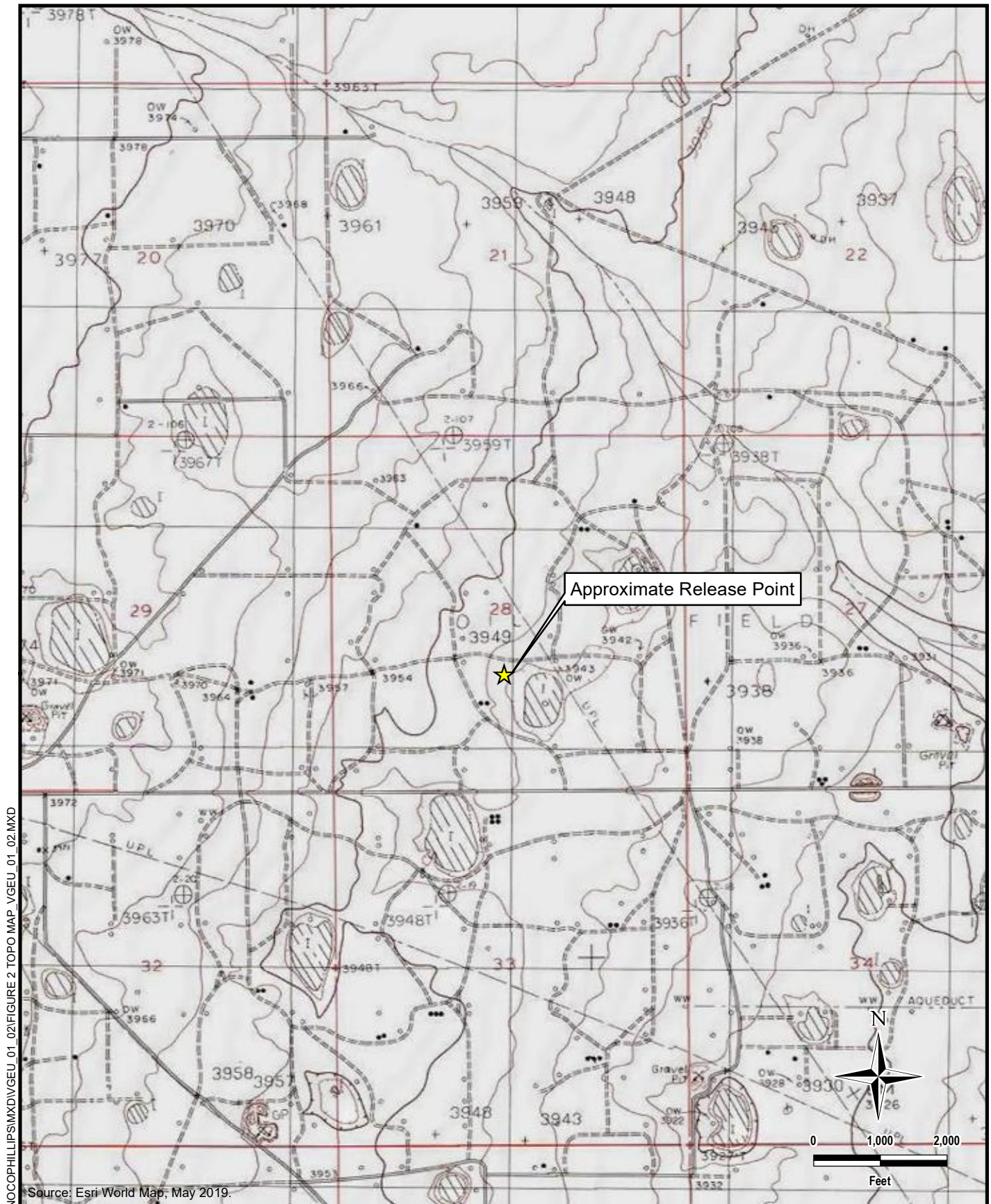
- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Laboratory Analytical Data
- Appendix D – Photographic Documentation
- Appendix E – Waste Manifests

FIGURES



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\GVEU_01_02\FIGURE 1 OVERVIEW MAP_VGUEU_01_02.MXD

<div> TETRA TECH</div> <div>www.tetrattech.com</div> <div>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</div>	CONOCOPHILLIPS	PROJECT NO.: 212C-MD-02099
	INCIDENT ID NAPP2130843704 (32.802860°, -103.462566°) LEA COUNTY, NEW MEXICO	DATE: JANUARY 20, 2022
	EVGSAU SATELLITE 1 / 2 TRUNKLINE RELEASE OVERVIEW MAP	DESIGNED BY: AAM
Figure No. 1		



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CONOCOPHILLIPS

 INCIDENT ID NAPP2130843704
 (32.802860°, -103.462566°)
 LEA COUNTY, NEW MEXICO

**EVGSAU SATELLITE 1/2 TRUNKLINE RELEASE
 TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-02099

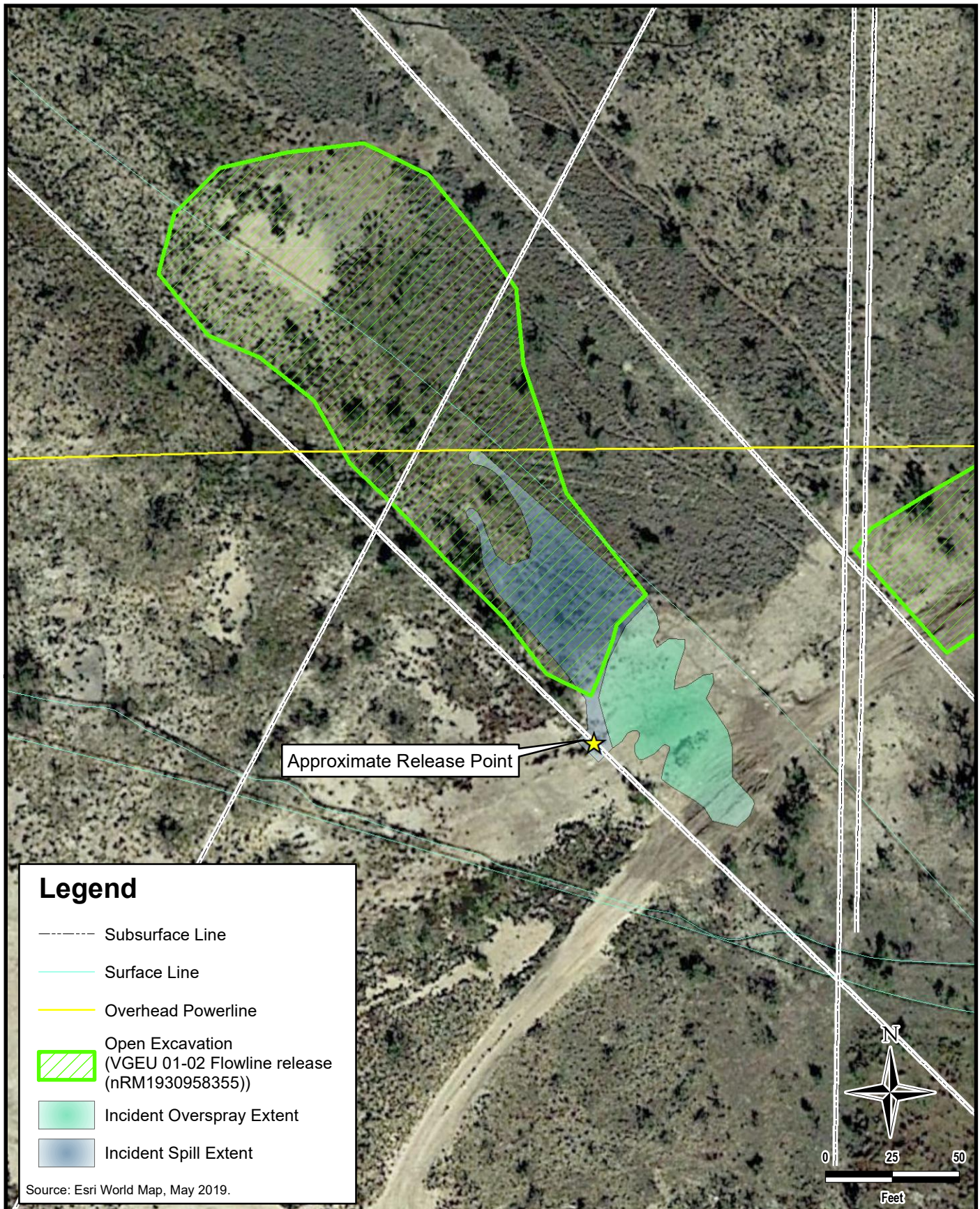
DATE: JANUARY 20, 2022

DESIGNED BY: AAM

Figure No.

2

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(32.802860°, -103.462566°)
LEA COUNTY, NEW MEXICO

**EVGSAU SATELLITE 1 / 2 TRUNKLINE RELEASE
APPROXIMATE RELEASE EXTENT AND SITE FEATURE MAP**

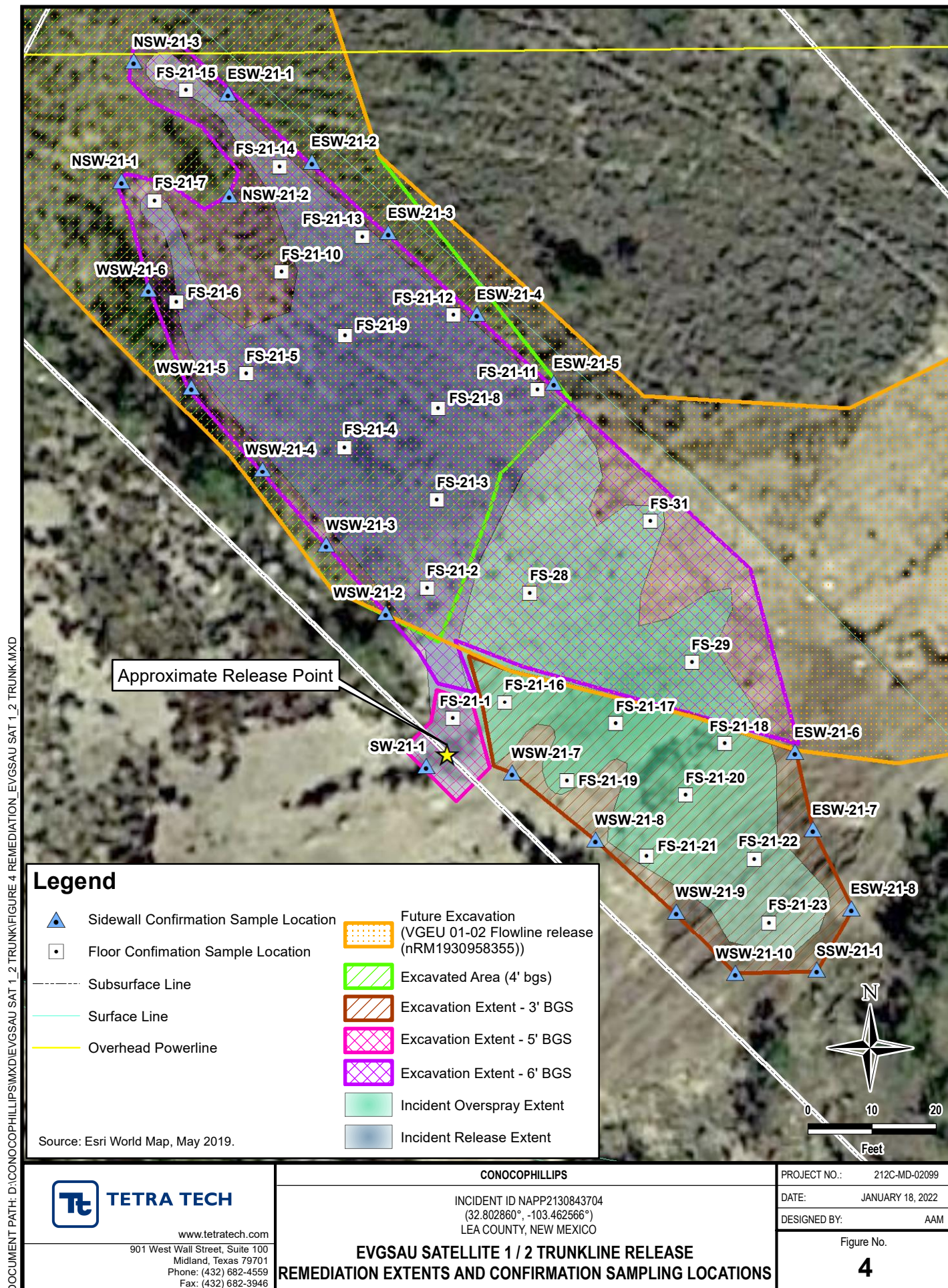
PROJECT NO.: 212C-MD-02099

DATE: JANUARY 18, 2022

DESIGNED BY: AAM

Figure No.

3



TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION - NAPP2130843704
CONOCOPHILLIPS
EVGSAU SATELLITE 1/2 TRUNKLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results	Chloride ¹		BTEX ²										TPH ³							
			Chloride			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO-DRO+EXT DRO)	
						C ₆ -C ₁₀	> C ₁₀ -C ₂₈	> C ₂₈ -C ₃₆	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		Q
		ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q
FS-21-1	11/10/2021	3		7,730		3.67		30.9		34.8		55.1		124		876		4,650		887		6,413	
FS-21-1 (5)	11/18/2021	5			416		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.1		295		214		509
FS-21-2	12/2/2021	6	621		80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-3	12/2/2021	6	754		80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-4	12/2/2021	6	571		80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-5	12/2/2021	6	523		64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-6	12/2/2021	6	499		64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-7	12/2/2021	6	851		80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-8	12/2/2021	6	771		192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-9	12/2/2021	6	765		128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-10	12/2/2021	6	610		64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-11	12/2/2021	6	820		128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-12	12/2/2021	6	702		128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-13	12/2/2021	6	778		112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-14	12/2/2021	6	645		128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-15	12/2/2021	6	582		160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-16	12/2/2021	3	325		192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-17	12/2/2021	3	411		224		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-18	12/2/2021	3	299		32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-19	12/2/2021	3	502		48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-20	12/2/2021	3	516	112	QR-03		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-21	12/2/2021	3	488		176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-22	12/2/2021	3	391		160		< 0.050	QR-03	< 0.050	QR-03	< 0.050	QR-03	< 0.150	QR-03	< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21-23	12/2/2021	3	362		176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-21-1	12/2/2021	-	176		208		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-21-2	12/2/2021	-	225		192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-21-3	12/2/2021	-	340		160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-21-1	12/2/2021	-	411		160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-21-2	12/2/2021	-	478		112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-21-3	12/2/2021	-	199		176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-21-4	12/2/2021	-	264		192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-21-5	12/2/2021	-	431		160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-21-6	12/2/2021	-	333		160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-21-7	12/2/2021	-	326		160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-21-8	12/2/2021	-	400		192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
SSW-21-1	12/2/2021	-	502		160.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
SW-21-1	11/10/2021	-		640		< 0.050		0.069		0.050		< 0.150		< 0.300		< 10.0		1,040		701		1,741	
SW-21-1 (2)*	11/18/2021	-		352		< 0.050		< 0.050		< 0.050		< 0.150		< 10.0		312		222				534	
SW-21-1 (4)*	11/22/2021	-		48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		25.8		21.8		47.6	
WSW-21-2	12/2/2021	-	358		160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-21-3	12/2/2021	-	299		144		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-21-4	12/2/2021	-	286		112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-21-5	12/2/2021	-	330		48		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-21-6	12/2/2021	-	358		176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-21-7	12/2/2021	-	349		144		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-21-8	12/2/2021	-	322		176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-21-9	12/2/2021	-	491		160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-21-10	12/2/2021	-	480		192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-

NOTES:

ft. Feet
bgs Below ground surface
ppm Parts per million
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
1 SM 4500-CI-8
2 EPA Method 8021B
3 EPA Method 8015

Bold and italicized values indicate exceedance of proposed Remediation RRLs and Reclamation Requirements.
Gold highlight represents soil horizons that were removed during deepening of excavation floors.
Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.
*

QUALIFIERS:

QR-03

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - 1RP-5782
CONOCOPHILLIPS
VGEU (28)01-02 FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride ^{1,2}		BTEX ^{3,4}										TPH ^{5,6}							
			Chloride	PID			Benzene		Ethylbenzene		Toluene		Total Xylenes		Total BTEX		GRO		DRO		ORO		Total TPH	
																	C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆			
		ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
FS-28	12/22/2021	4	-	-	3,240	QM-07	< 0.050	QM-07, QR-03	< 0.050	QR-03	< 0.050	QR-03	< 0.150	QR-03	< 0.300		< 10.0		< 10.0		< 10.0		-	
FS-28 (6')	1/12/2022	6	-	-	224		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0			
FS-29	12/22/2021	4	-	-	3,600		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		75.9		< 10.0		75.9	
FS-29 (6')	1/12/2022	6	-	-	304		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0			
FS-31	12/22/2021	4	-	-	3,760		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	
FS-31 (6')	1/12/2022	6	-	-	768		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0			

NOTES:

ft. Feet
bgs Below ground surface
ppm Parts per million
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
ORO Oil range organics
1 EPA Method 9056
2 Method SM4500Cl-B
3 EPA Method 8260B
4 Method 8021B
5 EPA Method 8015B
6 Method 8015M

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

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in (j).

QUALIFIERS:

M1 Matrix spike recovery exceeded QC limits. Batch based on laboratory control sample (LCS) recovery.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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	nAPP2130843704
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party ConocoPhillips	OGRID 217817
Contact Name Sam Widmer	Contact Telephone 907-227-1777
Contact email Sam.Widmer@conocophillips.com	Incident # (assigned by OCD)
Contact mailing address 925 N. Eldridge, Houston, TX 77079	

Location of Release Source

Latitude 32.802863° Longitude -103.462575°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name EVGSAU Satellite 1/2 Trunkline	Site Type Flowline
Date Release Discovered 10/25/21	API# (if applicable) J-28-17S-35E

Unit Letter	Section	Township	Range	County
J	28	17S	35E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 32	Volume Recovered (bbls) 30
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 211	Volume Recovered (bbls) 200
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input 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

On October 25, 2021 between approximately 7:30 AM and 8:00 AM, the EVGSAU Satellite eight inch Production Trunk line was inadvertently struck with the excavator bucket during remediation activities being conducted for a separate incident (VGEU 01-02 Flowline release (nRM1930958355)). The source of the release was stopped (trunk line shut in) at approximately 9:35 AM.

The majority of the release footprint was contained within the existing open excavation. Vacuum trucks were able to recover 95% of released fluids. Remediation activities are underway.

Form C-141

Page 2

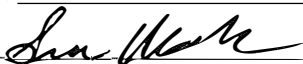
State of New Mexico
Oil Conservation Division

Incident ID	nAPP2130843704
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? The release exceeded 25 bbls of produced water.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate Notice was provided to OCD (ocd.enviro@state.nm.us) by Kelsy Waggaman via email on Tuesday October 26, 2021.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Sam Widmer</u>	Title: <u>Program Manager</u>
Signature: <u></u>	Date: <u>11/4/21</u>
email: <u>Sam.Widmer@conocophillips.com</u>	Telephone: <u>907-227-1777</u>
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>11/8/2021</u>	

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 60277

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 60277
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	11/8/2021

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: San Wichner Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: San Wiedner Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

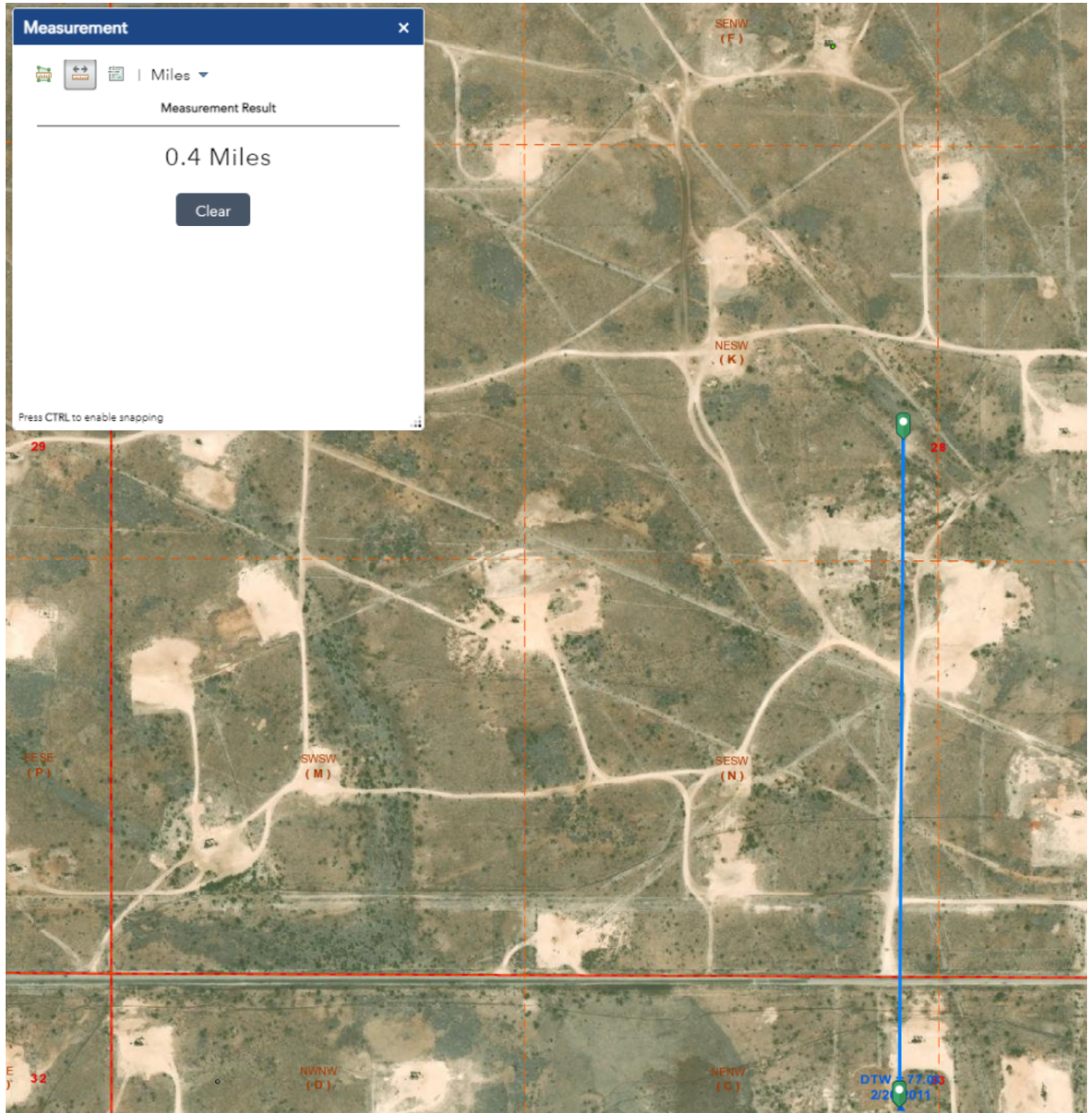
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance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

Closure Approved by: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

APPENDIX B





Site Characterization Data

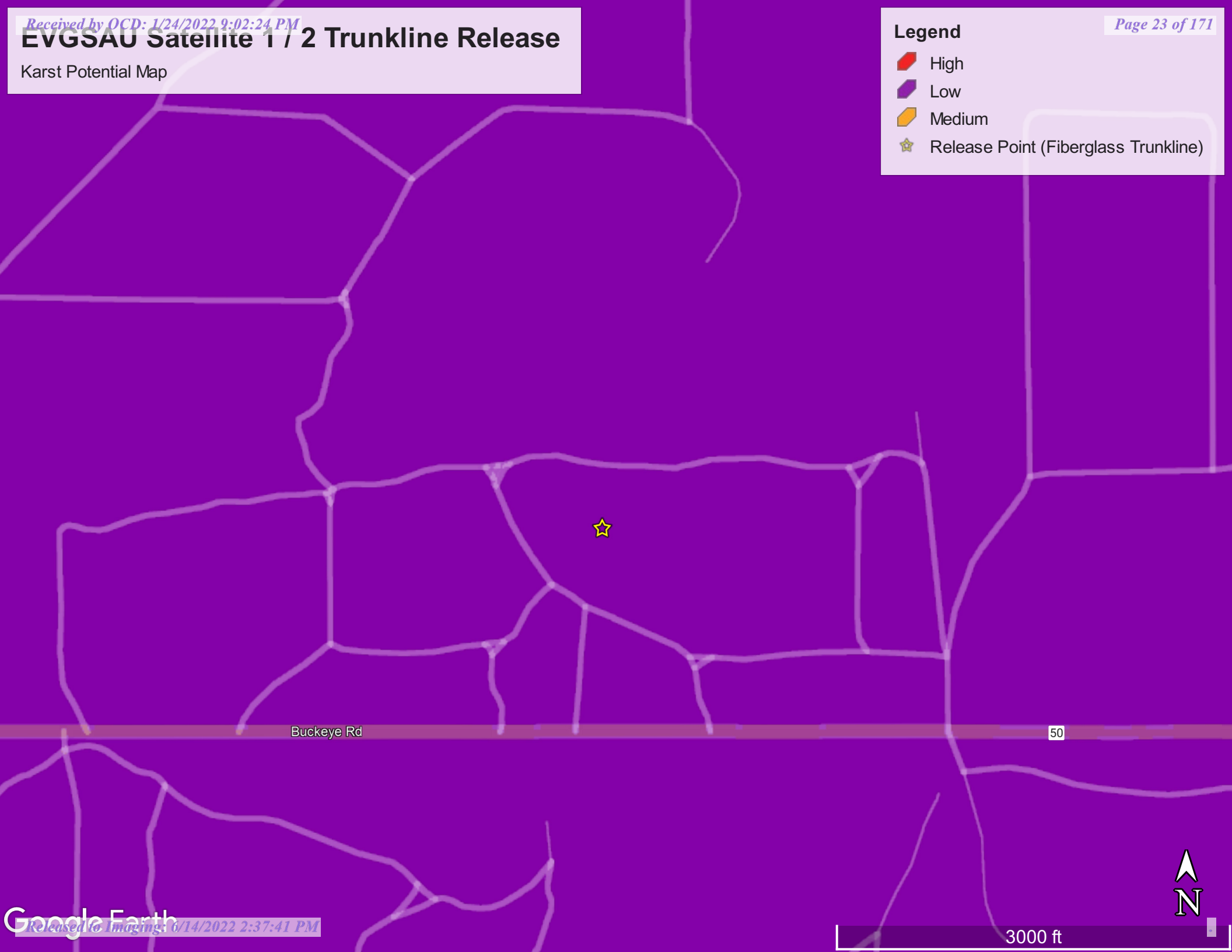


EVGSAU Satellite 1 / 2 Trunkline Release

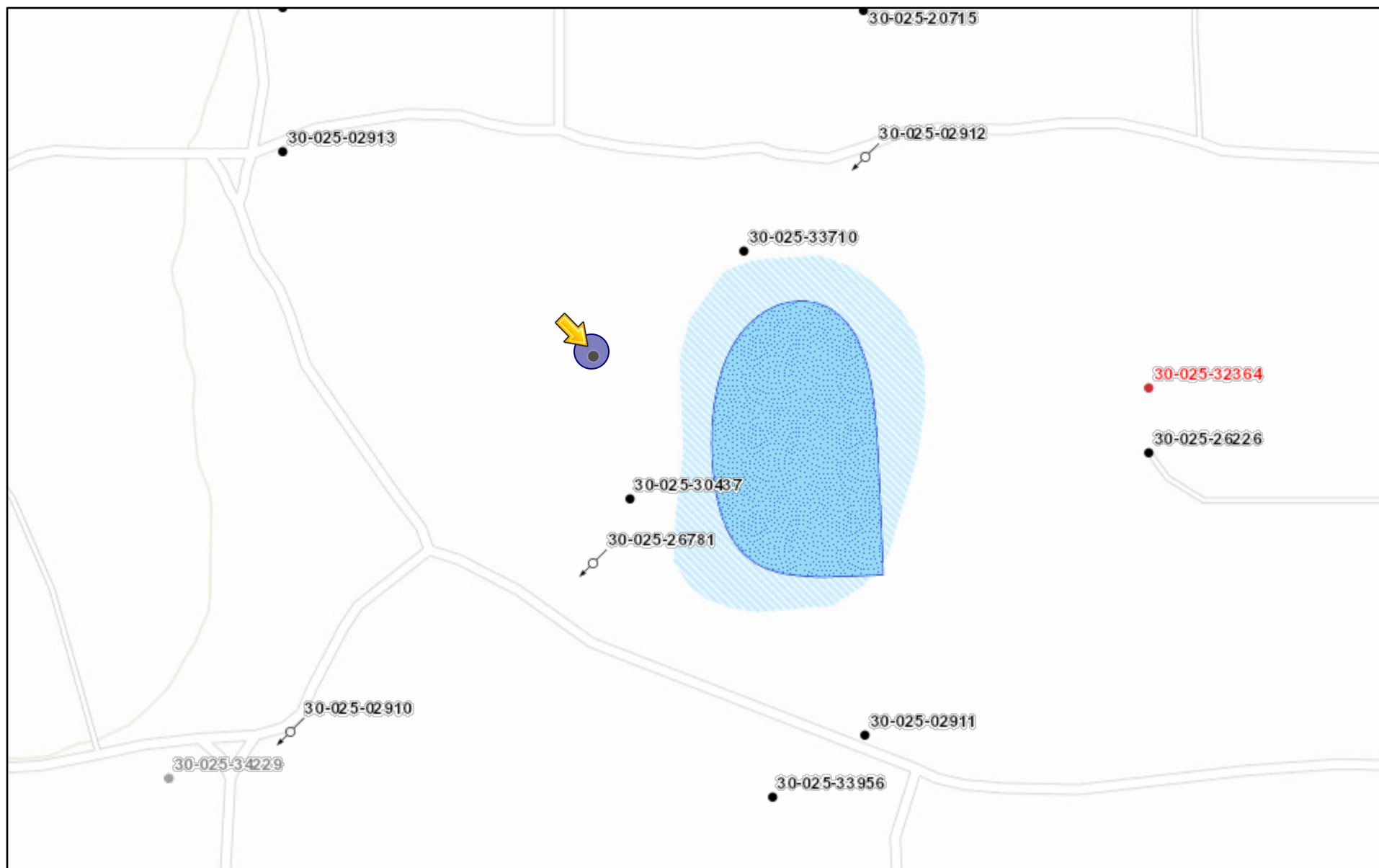
Karst Potential Map

Legend

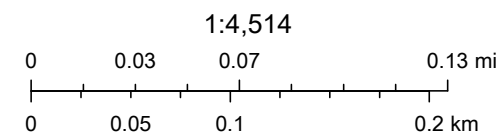
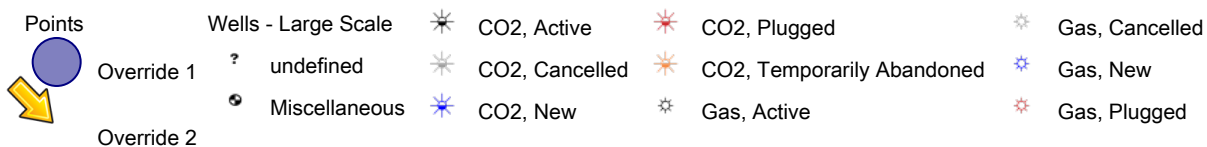
-  High
-  Low
-  Medium
-  Release Point (Fiberglass Trunkline)



EVGSAU Satellite 1 / 2 Trunkline Incident



1/20/2022, 8:21:48 PM



Oil Conservation Division of the New Mexico Energy, Minerals and Natural

New Mexico Oil Conservation Division

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



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 05362	L	LE		3	4	4	28	17S	35E	644444	3630117*	614	140	80	60

Average Depth to Water: **80 feet**

Minimum Depth: **80 feet**

Maximum Depth: **80 feet**

Record Count: 1

UTM NAD83 Radius Search (in meters):

Easting (X): 643947.281

Northing (Y): 3630478.162

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.

1/18/22 12:36 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

APPENDIX C

Laboratory Analytical Data

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

November 16, 2021

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU SATELLITE 1-2 TRUNK LINE

Enclosed are the results of analyses for samples received by the laboratory on 11/10/21 11:45.

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/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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MIDLAND BP 22
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
16-Nov-21 09:32

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 21 - 1	H213199-01	Soil	10-Nov-21 10:45	10-Nov-21 11:45
FS - 21 - 1	H213199-02	Soil	10-Nov-21 10:50	10-Nov-21 11:45

11/16/21 - Client changed the project name and number. This is the revised report and will replace the one sent on 11/15/21.

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MIDLAND BP 22
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
16-Nov-21 09:32

SW - 21 - 1
H213199-01 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	640		16.0	mg/kg	4	1111107	AC	11-Nov-21	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1111113	MS	11-Nov-21	8021B	
Toluene*	0.069		0.050	mg/kg	50	1111113	MS	11-Nov-21	8021B	
Ethylbenzene*	0.050		0.050	mg/kg	50	1111113	MS	11-Nov-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1111113	MS	11-Nov-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1111113	MS	11-Nov-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.4 %	69.9-140		1111113	MS	11-Nov-21	8021B	
---------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1111114	MS	12-Nov-21	8015B	
DRO >C10-C28*	1040		10.0	mg/kg	1	1111114	MS	12-Nov-21	8015B	
EXT DRO >C28-C36	701		10.0	mg/kg	1	1111114	MS	12-Nov-21	8015B	

Surrogate: 1-Chlorooctane			91.1 %	44.3-133		1111114	MS	12-Nov-21	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			131 %	38.9-142		1111114	MS	12-Nov-21	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MIDLAND BP 22
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
16-Nov-21 09:32

FS - 21 - 1
H213199-02 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	7730		16.0	mg/kg	4	1111107	AC	11-Nov-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	3.67		0.200	mg/kg	200	1111113	MS	11-Nov-21	8021B	
Toluene*	30.9		0.200	mg/kg	200	1111113	MS	11-Nov-21	8021B	
Ethylbenzene*	34.8		0.200	mg/kg	200	1111113	MS	11-Nov-21	8021B	
Total Xylenes*	55.1		0.600	mg/kg	200	1111113	MS	11-Nov-21	8021B	
Total BTEX	124		1.20	mg/kg	200	1111113	MS	11-Nov-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			128 %	69.9-140		1111113	MS	11-Nov-21	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

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

GRO C6-C10*	876		50.0	mg/kg	5	1111114	MS	12-Nov-21	8015B	
DRO >C10-C28*	4650		50.0	mg/kg	5	1111114	MS	12-Nov-21	8015B	
EXT DRO >C28-C36	887		50.0	mg/kg	5	1111114	MS	12-Nov-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			160 %	44.3-133		1111114	MS	12-Nov-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			144 %	38.9-142		1111114	MS	12-Nov-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MIDLAND BP 22
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
16-Nov-21 09:32

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 1111107 - 1:4 DI Water									
Blank (1111107-BLK1)					Prepared & Analyzed: 11-Nov-21				
Chloride	ND	16.0	mg/kg						
LCS (1111107-BS1)					Prepared & Analyzed: 11-Nov-21				
Chloride	432	16.0	mg/kg	400	108	80-120			
LCS Dup (1111107-BSD1)					Prepared & Analyzed: 11-Nov-21				
Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	

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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MIDLAND BP 22
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
16-Nov-21 09:32

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 111113 - Volatiles**Blank (111113-BLK1)**

Prepared & Analyzed: 11-Nov-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		93.2	69.9-140			

LCS (111113-BS1)

Prepared & Analyzed: 11-Nov-21

Benzene	2.09	0.050	mg/kg	2.00		104	85.1-114			
Toluene	1.98	0.050	mg/kg	2.00		99.0	88.6-116			
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.4	84.4-115			
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	85.5-116			
o-Xylene	1.95	0.050	mg/kg	2.00		97.5	85.2-111			
Total Xylenes	6.02	0.150	mg/kg	6.00		100	86.2-113			
Surrogate: 4-Bromofluorobenzene (PID)	0.0462		mg/kg	0.0500		92.4	69.9-140			

LCS Dup (111113-BSD1)

Prepared & Analyzed: 11-Nov-21

Benzene	2.15	0.050	mg/kg	2.00		107	85.1-114	2.90	12.6	
Toluene	2.02	0.050	mg/kg	2.00		101	88.6-116	1.92	13.3	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	84.4-115	2.67	13.9	
m,p-Xylene	4.19	0.100	mg/kg	4.00		105	85.5-116	2.91	13.6	
o-Xylene	2.02	0.050	mg/kg	2.00		101	85.2-111	3.57	14.1	
Total Xylenes	6.21	0.150	mg/kg	6.00		104	86.2-113	3.13	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.2	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MIDLAND BP 22
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
16-Nov-21 09:32

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 111114 - General Prep - Organics**Blank (111114-BLK1)**

Prepared & Analyzed: 11-Nov-21

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	52.1		mg/kg	50.0		104	44.3-133		
Surrogate: 1-Chlorooctadecane	54.0		mg/kg	50.0		108	38.9-142		

LCS (111114-BS1)

Prepared & Analyzed: 11-Nov-21

GRO C6-C10	231	10.0	mg/kg	200		116	83.4-129		
DRO >C10-C28	227	10.0	mg/kg	200		114	79.3-136		
Total TPH C6-C28	459	10.0	mg/kg	400		115	85.3-130		
Surrogate: 1-Chlorooctane	56.1		mg/kg	50.0		112	44.3-133		
Surrogate: 1-Chlorooctadecane	57.2		mg/kg	50.0		114	38.9-142		

LCS Dup (111114-BSD1)

Prepared & Analyzed: 11-Nov-21

GRO C6-C10	221	10.0	mg/kg	200		110	83.4-129	4.75	12.6
DRO >C10-C28	208	10.0	mg/kg	200		104	79.3-136	8.67	12.1
Total TPH C6-C28	429	10.0	mg/kg	400		107	85.3-130	6.67	11.6
Surrogate: 1-Chlorooctane	55.0		mg/kg	50.0		110	44.3-133		
Surrogate: 1-Chlorooctadecane	56.5		mg/kg	50.0		113	38.9-142		

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Celey D. Keene, Lab Director/Quality Manager



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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 1

BILL TO		ANALYSIS REQUEST									
Company Name:	P.O. #:	TPH		BTEX		Chlorides		Hold			
Project Manager: <i>Christian Ullal</i>	Company: <i>TT</i>										
Address: <i>Christian.Ullal@fortratel.com</i>	Attn: <i>Christian Ullal</i>										
City:	Address:										
Phone #: <i>212-midland BP 22-005</i>	City:										
Project #: <i>212-midland BP 22-005</i>	State:										
Project Name: <i>WGSAN Sabell, Jr. 1-2*</i>	Zip:										
Project Location: <i>Lea County, NM</i>	Phone #:										
Sampler Name: <i>John Thorson</i>	Fax #:										

FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING	
Lab I.D.	Sample I.D.	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	DATE
<i>Hal399</i>	<i>SW-21-1</i>						<i>11/10/21</i>
<i>2</i>	<i>PS-21-1</i>						<i>11/10/21</i>

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Relinquished By: <i>John Thorson</i>	Date: <i>11-10-21</i>	Time: <i>11:00</i>	Phone Results: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: <i>Christian Ullal</i>
Relinquished By: <i>John Thorson</i>	Date: <i>11-10-21</i>	Time: <i>11:45</i>	Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: <i>Christian Ullal</i>
Delivered By: (Circle One) <i>UPS</i>	Date: <i>23.6c</i>	Time: <i>11:45</i>	Email Results to: <i>Christian Ullal</i>	
Sampler: <i>UPS - Bus - Other:</i>	Sample Condition: <i>23.6c</i>	Checked By: <i>John Thorson</i>		
	UPS - Bus - Other: <i>23.6c</i>	Initials: <i>John Thorson</i>		



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

November 19, 2021

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: VGFU 01-02 SATELLITE 1,2

Enclosed are the results of analyses for samples received by the laboratory on 11/18/21 16:00.

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".

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:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	VGFU 01-02 SATELLITE 1,2	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02099	Sample Received By:	Jodi Henson
Project Location:	LEA CO NM		

Sample ID: SW - 21 - 1 (2') (H213320-01)

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	11/19/2021	ND	2.06	103	2.00	0.531		
Toluene*	<0.050	0.050	11/19/2021	ND	1.95	97.3	2.00	0.251		
Ethylbenzene*	<0.050	0.050	11/19/2021	ND	1.92	95.9	2.00	0.200		
Total Xylenes*	<0.150	0.150	11/19/2021	ND	5.84	97.4	6.00	0.720		
Total BTEX	<0.300	0.300	11/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	352	16.0	11/19/2021	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	11/19/2021	ND	191	95.6	200	6.50	
DRO >C10-C28*	312	10.0	11/19/2021	ND	216	108	200	5.29	
EXT DRO >C28-C36	222	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.3 % 38.9-142

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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:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	VGFU 01-02 SATELLITE 1,2	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02099	Sample Received By:	Jodi Henson
Project Location:	LEA CO NM		

Sample ID: FS - 21 - 1 (5') (H213320-02)

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	11/19/2021	ND	2.06	103	2.00	0.531		
Toluene*	<0.050	0.050	11/19/2021	ND	1.95	97.3	2.00	0.251		
Ethylbenzene*	<0.050	0.050	11/19/2021	ND	1.92	95.9	2.00	0.200		
Total Xylenes*	<0.150	0.150	11/19/2021	ND	5.84	97.4	6.00	0.720		
Total BTEx	<0.300	0.300	11/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	11/19/2021	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	11/19/2021	ND	191	95.6	200	6.50	
DRO >C10-C28*	295	10.0	11/19/2021	ND	216	108	200	5.29	
EXT DRO >C28-C36	214	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

Cardinal Laboratories

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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

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

Celey D. Keene, Lab Director/Quality Manager



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

KLSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 23, 2021

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: VGFU 01-02

Enclosed are the results of analyses for samples received by the laboratory on 11/22/21 13:00.

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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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: 11/22/2021
 Reported: 11/23/2021
 Project Name: VGFU 01-02
 Project Number: 212C-MD-02099.991
 Project Location: COP - LEA CO NM

Sampling Date: 11/22/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 21 - 1 (4') (H213356-01)

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	11/22/2021	ND	2.04	102	2.00	3.68		
Toluene*	<0.050	0.050	11/22/2021	ND	1.93	96.7	2.00	4.29		
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.91	95.3	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.83	97.2	6.00	4.24		
Total BTEX	<0.300	0.300	11/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/23/2021	ND	416	104	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	11/22/2021	ND	229	115	200	1.97	
DRO >C10-C28*	25.8	10.0	11/22/2021	ND	231	116	200	6.86	
EXT DRO >C28-C36	21.8	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

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

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

December 06, 2021

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU SATELLITE 1-2 TRUNK LINE

Enclosed are the results of analyses for samples received by the laboratory on 12/03/21 10:45.

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/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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS - 21 - 2	H213474-01	Soil	02-Dec-21 09:00	03-Dec-21 10:45
FS - 21 - 3	H213474-02	Soil	02-Dec-21 09:05	03-Dec-21 10:45
FS - 21 - 4	H213474-03	Soil	02-Dec-21 09:10	03-Dec-21 10:45
FS - 21 - 5	H213474-04	Soil	02-Dec-21 09:15	03-Dec-21 10:45
FS - 21 - 6	H213474-05	Soil	02-Dec-21 09:20	03-Dec-21 10:45
FS - 21 - 7	H213474-06	Soil	02-Dec-21 09:25	03-Dec-21 10:45
FS - 21 - 8	H213474-07	Soil	02-Dec-21 09:30	03-Dec-21 10:45
FS - 21 - 9	H213474-08	Soil	02-Dec-21 09:35	03-Dec-21 10:45
FS - 21 - 10	H213474-09	Soil	02-Dec-21 09:40	03-Dec-21 10:45
FS - 21 - 11	H213474-10	Soil	02-Dec-21 09:45	03-Dec-21 10:45
FS - 21 - 13	H213474-11	Soil	02-Dec-21 09:50	03-Dec-21 10:45
FS - 21 - 14	H213474-12	Soil	02-Dec-21 09:55	03-Dec-21 10:45
FS - 21 - 15	H213474-13	Soil	02-Dec-21 10:00	03-Dec-21 10:45
FS - 21 - 16	H213474-14	Soil	02-Dec-21 10:05	03-Dec-21 10:45
FS - 21 - 17	H213474-15	Soil	02-Dec-21 10:10	03-Dec-21 10:45
FS - 21 - 18	H213474-16	Soil	02-Dec-21 10:15	03-Dec-21 10:45
FS - 21 - 19	H213474-17	Soil	02-Dec-21 10:20	03-Dec-21 10:45
FS - 21 - 20	H213474-18	Soil	02-Dec-21 10:25	03-Dec-21 10:45
FS - 21 - 21	H213474-19	Soil	02-Dec-21 10:30	03-Dec-21 10:45
FS - 21 - 12	H213474-20	Soil	02-Dec-21 10:35	03-Dec-21 10:45
FS - 21 - 22	H213474-21	Soil	02-Dec-21 10:40	03-Dec-21 10:45
FS - 21 - 23	H213474-22	Soil	02-Dec-21 10:45	03-Dec-21 10:45
NSW - 21 - 1	H213474-23	Soil	02-Dec-21 10:50	03-Dec-21 10:45
NSW - 21 - 2	H213474-24	Soil	02-Dec-21 10:55	03-Dec-21 10:45
NSW - 21 - 3	H213474-25	Soil	02-Dec-21 11:00	03-Dec-21 10:45
ESW - 21 - 1	H213474-26	Soil	02-Dec-21 11:05	03-Dec-21 10:45
ESW - 21 - 2	H213474-27	Soil	02-Dec-21 11:10	03-Dec-21 10:45

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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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 3	H213474-28	Soil	02-Dec-21 11:15	03-Dec-21 10:45
ESW - 21 - 4	H213474-29	Soil	02-Dec-21 11:20	03-Dec-21 10:45
ESW - 21 - 5	H213474-30	Soil	02-Dec-21 11:25	03-Dec-21 10:45
ESW - 21 - 6	H213474-31	Soil	02-Dec-21 11:30	03-Dec-21 10:45
ESW - 21 - 7	H213474-32	Soil	02-Dec-21 11:35	03-Dec-21 10:45
ESW - 21 - 8	H213474-33	Soil	02-Dec-21 11:40	03-Dec-21 10:45
SSW - 21 - 1	H213474-34	Soil	02-Dec-21 11:45	03-Dec-21 10:45
WSW - 21 - 2	H213474-35	Soil	02-Dec-21 11:50	03-Dec-21 10:45
WSW - 21 - 3	H213474-36	Soil	02-Dec-21 11:55	03-Dec-21 10:45
WSW - 21 - 4	H213474-37	Soil	02-Dec-21 12:00	03-Dec-21 10:45
WSW - 21 - 5	H213474-38	Soil	02-Dec-21 12:05	03-Dec-21 10:45
WSW - 21 - 6	H213474-39	Soil	02-Dec-21 12:10	03-Dec-21 10:45
WSW - 21 - 7	H213474-40	Soil	02-Dec-21 12:15	03-Dec-21 10:45
WSW - 21 - 8	H213474-41	Soil	02-Dec-21 12:20	03-Dec-21 10:45
WSW - 21 - 9	H213474-42	Soil	02-Dec-21 12:25	03-Dec-21 10:45
WSW - 21 - 10	H213474-43	Soil	02-Dec-21 12:30	03-Dec-21 10:45

12/06/21 - Project name was changed as per the client. This is the revised report and will replace the one sent earlier 12/06/21.

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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 2
H213474-01 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140 1120314 MS/ 03-Dec-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	

Surrogate: 1-Chlorooctane 111 % 44.3-133 1120310 MS 03-Dec-21 8015B

Surrogate: 1-Chlorooctadecane 116 % 38.9-142 1120310 MS 03-Dec-21 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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 3
H213474-02 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.5 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			112 %		44.3-133	1120310	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			110 %		38.9-142	1120310	MS	03-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 4
H213474-03 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			110 %		44.3-133	1120310	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			110 %		38.9-142	1120310	MS	03-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 5
H213474-04 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.4 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			115 %		44.3-133	1120310	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			115 %		38.9-142	1120310	MS	03-Dec-21	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 6
H213474-05 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %	69.9-140		1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			107 %	44.3-133		1120310	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			110 %	38.9-142		1120310	MS	03-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 7
H213474-06 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			116 %		44.3-133	1120310	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			121 %		38.9-142	1120310	MS	03-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 8
H213474-07 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050	0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.7 %	69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

Surrogate: 1-Chlorooctane	93.1 %	44.3-133	1120310	MS	04-Dec-21	8015B	
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Surrogate: 1-Chlorooctadecane	101 %	38.9-142	1120310	MS	04-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 9
H213474-08 (Soil)

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

Chloride	128		16.0	mg/kg	4	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.7 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			117 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 10
H213474-09 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.4 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			120 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			121 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 11
H213474-10 (Soil)

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

Chloride	128		16.0	mg/kg	4	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.4 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			107 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 13
H213474-11 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			106 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 14
H213474-12 (Soil)

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

Chloride	128		16.0	mg/kg	4	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.2 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			108 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			114 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 15
H213474-13 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.6 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			110 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			114 %		38.9-142	1120310	MS	04-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 16
H213474-14 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.7 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

Surrogate: 1-Chlorooctane			109 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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Surrogate: 1-Chlorooctadecane			112 %		38.9-142	1120310	MS	04-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 17
H213474-15 (Soil)

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

Chloride	224		16.0	mg/kg	4	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.8 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			105 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			107 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 18
H213474-16 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.0 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			116 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 19
H213474-17 (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	1120322	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.3 %	69.9-140		1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

Surrogate: 1-Chlorooctane			91.1 %	44.3-133		1120310	MS	04-Dec-21	8015B	
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Surrogate: 1-Chlorooctadecane			98.8 %	38.9-142		1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 20
H213474-18 (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	1120325	AC	03-Dec-21	4500-Cl-B	QR-03
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140 1120314 MS/ 03-Dec-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

Surrogate: 1-Chlorooctane 115 % 44.3-133 1120310 MS 04-Dec-21 8015B

Surrogate: 1-Chlorooctadecane 131 % 38.9-142 1120310 MS 04-Dec-21 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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 21
H213474-19 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.8 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			114 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			134 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 12
H213474-20 (Soil)

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

Chloride	128		16.0	mg/kg	4	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120314	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120314	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.2 %		69.9-140	1120314	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120310	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			107 %		44.3-133	1120310	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			122 %		38.9-142	1120310	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 22
H213474-21 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	QR-03
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	QR-03
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	QR-03
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	QR-03
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.7 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.1 %		44.3-133	1120311	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.9 %		38.9-142	1120311	MS	03-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

FS - 21 - 23
H213474-22 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.9 %		44.3-133	1120311	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.9 %		38.9-142	1120311	MS	03-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

NSW - 21 - 1
H213474-23 (Soil)

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

Chloride	208		16.0	mg/kg	4	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.6 %		44.3-133	1120311	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.1 %		38.9-142	1120311	MS	03-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

NSW - 21 - 2
H213474-24 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.6 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.0 %		44.3-133	1120311	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.8 %		38.9-142	1120311	MS	03-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

NSW - 21 - 3
H213474-25 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.4 %		44.3-133	1120311	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.6 %		38.9-142	1120311	MS	03-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 1
H213474-26 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.0 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.7 %		44.3-133	1120311	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			95.5 %		38.9-142	1120311	MS	03-Dec-21	8015B	
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Cardinal Laboratories

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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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 2
H213474-27 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	03-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.4 %		44.3-133	1120311	MS	03-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			94.6 %		38.9-142	1120311	MS	03-Dec-21	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 3
H213474-28 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.6 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.1 %		38.9-142	1120311	MS	04-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 4
H213474-29 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140 1120315 MS/ 03-Dec-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

Surrogate: 1-Chlorooctane 81.1 % 44.3-133 1120311 MS 04-Dec-21 8015B

Surrogate: 1-Chlorooctadecane 78.0 % 38.9-142 1120311 MS 04-Dec-21 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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 5
H213474-30 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.5 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.0 %		38.9-142	1120311	MS	04-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 6
H213474-31 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.6 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.2 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			80.2 %		38.9-142	1120311	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 7
H213474-32 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.4 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			120 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			116 %		38.9-142	1120311	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

ESW - 21 - 8
H213474-33 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.4 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.2 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.9 %		38.9-142	1120311	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

SSW - 21 - 1
H213474-34 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.1 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.8 %		38.9-142	1120311	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 2
H213474-35 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	03-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	03-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %		69.9-140	1120315	MS/	03-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.8 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.0 %		38.9-142	1120311	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 3
H213474-36 (Soil)

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

Chloride	144		16.0	mg/kg	4	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	04-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %		69.9-140	1120315	MS/	04-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.0 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			69.9 %		38.9-142	1120311	MS	04-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 4
H213474-37 (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	1120325	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	04-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.3 %		69.9-140	1120315	MS/	04-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.5 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.4 %		38.9-142	1120311	MS	04-Dec-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 5
H213474-38 (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	1120327	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	04-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %		69.9-140	1120315	MS/	04-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			111 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			110 %		38.9-142	1120311	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 6
H213474-39 (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	1120327	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	04-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.2 %		69.9-140	1120315	MS/	04-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.9 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.0 %		38.9-142	1120311	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 7
H213474-40 (Soil)

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

Chloride	144		16.0	mg/kg	4	1120327	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120315	MS/	04-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120315	MS/	04-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.5 %		69.9-140	1120315	MS/	04-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120311	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.9 %		44.3-133	1120311	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.4 %		38.9-142	1120311	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 8
H213474-41 (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	1120327	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120313	MS/	04-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.6 %		69.9-140	1120313	MS/	04-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.9 %		44.3-133	1120309	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			70.2 %		38.9-142	1120309	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 9
H213474-42 (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	1120327	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120313	MS/	04-Dec-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %		69.9-140	1120313	MS/	04-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			124 %		44.3-133	1120309	MS	04-Dec-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %		38.9-142	1120309	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

WSW - 21 - 10**H213474-43 (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	1120327	AC	03-Dec-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1120313	MS/	04-Dec-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1120313	MS/	04-Dec-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.0 %		69.9-140			1120313	MS/	04-Dec-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1120309	MS	04-Dec-21	8015B	

Surrogate: 1-Chlorooctane	78.2 %		44.3-133			1120309	MS	04-Dec-21	8015B	
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Surrogate: 1-Chlorooctadecane	74.1 %		38.9-142			1120309	MS	04-Dec-21	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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

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 1120322 - 1:4 DI Water**Blank (1120322-BLK1)**

Prepared & Analyzed: 03-Dec-21

Chloride	ND	16.0	mg/kg						
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LCS (1120322-BS1)

Prepared & Analyzed: 03-Dec-21

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (1120322-BSD1)

Prepared & Analyzed: 03-Dec-21

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	
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Batch 1120325 - 1:4 DI Water**Blank (1120325-BLK1)**

Prepared & Analyzed: 03-Dec-21

Chloride	ND	16.0	mg/kg						
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LCS (1120325-BS1)

Prepared & Analyzed: 03-Dec-21

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (1120325-BSD1)

Prepared & Analyzed: 03-Dec-21

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20	
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Batch 1120327 - 1:4 DI Water**Blank (1120327-BLK1)**

Prepared & Analyzed: 03-Dec-21

Chloride	ND	16.0	mg/kg						
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LCS (1120327-BS1)

Prepared & Analyzed: 03-Dec-21

Chloride	432	16.0	mg/kg	400	108	80-120			
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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 SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

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 1120327 - 1:4 DI Water**LCS Dup (1120327-BSD1)**

Prepared & Analyzed: 03-Dec-21

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1120313 - Volatiles**Blank (1120313-BLK1)**

Prepared: 03-Dec-21 Analyzed: 04-Dec-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		93.3	69.9-140			

LCS (1120313-BS1)

Prepared: 03-Dec-21 Analyzed: 04-Dec-21

Benzene	2.11	0.050	mg/kg	2.00		105	85.1-114			
Toluene	2.06	0.050	mg/kg	2.00		103	88.6-116			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	84.4-115			
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	85.5-116			
o-Xylene	1.96	0.050	mg/kg	2.00		98.2	85.2-111			
Total Xylenes	6.12	0.150	mg/kg	6.00		102	86.2-113			
Surrogate: 4-Bromofluorobenzene (PID)	0.0460		mg/kg	0.0500		92.1	69.9-140			

LCS Dup (1120313-BSD1)

Prepared: 03-Dec-21 Analyzed: 04-Dec-21

Benzene	2.10	0.050	mg/kg	2.00		105	85.1-114	0.603	12.6	
Toluene	2.05	0.050	mg/kg	2.00		102	88.6-116	0.585	13.3	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	84.4-115	0.118	13.9	
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	85.5-116	0.0551	13.6	
o-Xylene	1.97	0.050	mg/kg	2.00		98.4	85.2-111	0.140	14.1	
Total Xylenes	6.12	0.150	mg/kg	6.00		102	86.2-113	0.00774	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0466		mg/kg	0.0500		93.2	69.9-140			

Batch 1120314 - Volatiles**Blank (1120314-BLK1)**

Prepared & Analyzed: 03-Dec-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1120314 - Volatiles**Blank (1120314-BLK1)**

Prepared & Analyzed: 03-Dec-21

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		95.4	69.9-140			

LCS (1120314-BS1)

Prepared & Analyzed: 03-Dec-21

Benzene	1.87	0.050	mg/kg	2.00		93.3	85.1-114			
Toluene	1.84	0.050	mg/kg	2.00		92.0	88.6-116			
Ethylbenzene	1.83	0.050	mg/kg	2.00		91.5	84.4-115			
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.5	85.5-116			
o-Xylene	1.84	0.050	mg/kg	2.00		91.9	85.2-111			
Total Xylenes	5.66	0.150	mg/kg	6.00		94.3	86.2-113			
Surrogate: 4-Bromofluorobenzene (PID)	0.0459		mg/kg	0.0500		91.7	69.9-140			

LCS Dup (1120314-BS1)

Prepared & Analyzed: 03-Dec-21

Benzene	2.08	0.050	mg/kg	2.00		104	85.1-114	10.9	12.6	
Toluene	2.03	0.050	mg/kg	2.00		102	88.6-116	10.0	13.3	
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	84.4-115	9.13	13.9	
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	85.5-116	7.54	13.6	
o-Xylene	1.95	0.050	mg/kg	2.00		97.4	85.2-111	5.76	14.1	
Total Xylenes	6.07	0.150	mg/kg	6.00		101	86.2-113	6.96	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.2	69.9-140			

Batch 1120315 - Volatiles**Blank (1120315-BLK1)**

Prepared & Analyzed: 03-Dec-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		95.4	69.9-140			

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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

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 1120315 - Volatiles**LCS (1120315-BS1)**

Prepared & Analyzed: 03-Dec-21

Benzene	1.86	0.050	mg/kg	2.00		93.0	85.1-114		
Toluene	1.83	0.050	mg/kg	2.00		91.6	88.6-116		
Ethylbenzene	1.84	0.050	mg/kg	2.00		91.8	84.4-115		
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.6	85.5-116		
o-Xylene	1.84	0.050	mg/kg	2.00		92.1	85.2-111		
Total Xylenes	5.66	0.150	mg/kg	6.00		94.4	86.2-113		
Surrogate: 4-Bromofluorobenzene (PID)	0.0470		mg/kg	0.0500		94.0	69.9-140		

LCS Dup (1120315-BS1)

Prepared & Analyzed: 03-Dec-21

Benzene	2.05	0.050	mg/kg	2.00		102	85.1-114	9.53	12.6
Toluene	2.00	0.050	mg/kg	2.00		99.8	88.6-116	8.58	13.3
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.3	84.4-115	7.79	13.9
m,p-Xylene	4.09	0.100	mg/kg	4.00		102	85.5-116	6.64	13.6
o-Xylene	1.96	0.050	mg/kg	2.00		98.2	85.2-111	6.45	14.1
Total Xylenes	6.05	0.150	mg/kg	6.00		101	86.2-113	6.58	13.4
Surrogate: 4-Bromofluorobenzene (PID)	0.0458		mg/kg	0.0500		91.6	69.9-140		

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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

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 1120309 - General Prep - Organics**Blank (1120309-BLK1)**

Prepared: 03-Dec-21 Analyzed: 04-Dec-21

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	63.5		mg/kg	50.0		127	44.3-133		
Surrogate: 1-Chlorooctadecane	60.6		mg/kg	50.0		121	38.9-142		

LCS (1120309-BS1)

Prepared: 03-Dec-21 Analyzed: 04-Dec-21

GRO C6-C10	218	10.0	mg/kg	200		109	83.4-129		
DRO >C10-C28	209	10.0	mg/kg	200		104	79.3-136		
Total TPH C6-C28	427	10.0	mg/kg	400		107	85.3-130		
Surrogate: 1-Chlorooctane	46.9		mg/kg	50.0		93.7	44.3-133		
Surrogate: 1-Chlorooctadecane	45.8		mg/kg	50.0		91.5	38.9-142		

LCS Dup (1120309-BS1)

Prepared: 03-Dec-21 Analyzed: 04-Dec-21

GRO C6-C10	216	10.0	mg/kg	200		108	83.4-129	1.28	12.6
DRO >C10-C28	207	10.0	mg/kg	200		104	79.3-136	0.646	12.1
Total TPH C6-C28	423	10.0	mg/kg	400		106	85.3-130	0.968	11.6
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.8	44.3-133		
Surrogate: 1-Chlorooctadecane	45.9		mg/kg	50.0		91.8	38.9-142		

Batch 1120310 - General Prep - Organics**Blank (1120310-BLK1)**

Prepared & Analyzed: 03-Dec-21

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	56.1		mg/kg	50.0		112	44.3-133		
Surrogate: 1-Chlorooctadecane	57.6		mg/kg	50.0		115	38.9-142		

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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1120310 - General Prep - Organics**LCS (1120310-BS1)**

Prepared & Analyzed: 03-Dec-21

GRO C6-C10	228	10.0	mg/kg	200		114	83.4-129			
DRO >C10-C28	230	10.0	mg/kg	200		115	79.3-136			
Total TPH C6-C28	459	10.0	mg/kg	400		115	85.3-130			
Surrogate: 1-Chlorooctane	56.5		mg/kg	50.0		113	44.3-133			
Surrogate: 1-Chlorooctadecane	58.7		mg/kg	50.0		117	38.9-142			

LCS Dup (1120310-BS1)

Prepared & Analyzed: 03-Dec-21

GRO C6-C10	226	10.0	mg/kg	200		113	83.4-129	0.892	12.6	
DRO >C10-C28	229	10.0	mg/kg	200		115	79.3-136	0.485	12.1	
Total TPH C6-C28	455	10.0	mg/kg	400		114	85.3-130	0.687	11.6	
Surrogate: 1-Chlorooctane	56.3		mg/kg	50.0		113	44.3-133			
Surrogate: 1-Chlorooctadecane	58.3		mg/kg	50.0		117	38.9-142			

Batch 1120311 - General Prep - Organics**Blank (1120311-BLK1)**

Prepared & Analyzed: 03-Dec-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	44.3-133			
Surrogate: 1-Chlorooctadecane	51.4		mg/kg	50.0		103	38.9-142			

LCS (1120311-BS1)

Prepared & Analyzed: 03-Dec-21

GRO C6-C10	217	10.0	mg/kg	200		109	83.4-129			
DRO >C10-C28	233	10.0	mg/kg	200		117	79.3-136			
Total TPH C6-C28	450	10.0	mg/kg	400		113	85.3-130			
Surrogate: 1-Chlorooctane	54.9		mg/kg	50.0		110	44.3-133			
Surrogate: 1-Chlorooctadecane	55.7		mg/kg	50.0		111	38.9-142			

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Analytical Results For:

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

Project: EVGSAU SATELLITE 1-2 TRUNK LI
Project Number: 212-MD-02099-991
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
06-Dec-21 09:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1120311 - General Prep - Organics**LCS Dup (1120311-BSD1)**

Prepared & Analyzed: 03-Dec-21

GRO C6-C10	197	10.0	mg/kg	200		98.6	83.4-129	9.58	12.6	
DRO >C10-C28	203	10.0	mg/kg	200		102	79.3-136	13.7	12.1	QR-04
Total TPH C6-C28	400	10.0	mg/kg	400		100	85.3-130	11.7	11.6	QR-04
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	44.3-133			
Surrogate: 1-Chlorooctadecane	51.4		mg/kg	50.0		103	38.9-142			

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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



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Rush 24 Hour TAT

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

(5/9) 393-2326 FAX (979) 393-2470

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech
Project Manager: Christian.Liu@tetratech.com

Address: 901 W. Wash St Ste 100
City: Midland State: TX Zip: 79701

Phone #: 512-565-0190 Fax #:
Project #: 212C-MD-02099-991 Project Owner: Tetra Tech

Project Name: *KGETA-0102 EVGSAU Safe IIite 1/2 Trunkline
Project Location: Lea County, NM

Sample Name: Thurston, John
FOR LAB USE ONLY

Fax #:

P.O. #:

Company: Tetra Tech

Attn: Christian Liu

Address:

City:

State:

Zip:

Phone #:

Fax #:

Matrix:

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

TPH 8015 M

BTEX 8021 B

Chlorides 300

REMARKS:

* Project name changed as per Christian.

12/6/12

CL



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name: Tetra Tech Project Manager: Christian Lluch @TetraTech.com Address: 901 W. Wall St Ste. 100 City: Midland, State: TX Zip: 79701 Phone #: 512-565-8190 Fax #: Project #: 21C-MD-02097-991 Project Owner: Project Name: KVATE EVGSA Satellite / Project Location: Lea County, NM Trunkline Sample Name: John Thurston						P.O. #:	Company: Tetra Tech Attn: Christian Lluch Address: City: State: Zip:	
FOR LAB USE ONLY						Fax #:	Phone #:	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX	PRESERV.	SAMPLING
H213414								
21	FS-21-22	G	X	SOIL	OIL	SLUDGE	OTHER :	DATE TIME
22	FS-21-23	G	X	ICE / COOL	OTHER :			12/2/21 1045
23	NSW-21-1	G	X					1050
24	NSW-21-2	G	X					1055
25	NSW-21-3	G	X					1100
26	ESW-21-1	G	X					1105
27	ESW-21-2	G	X					1110
28	ESW-21-3	G	X					1115
29	ESW-21-4	G	X					1120
30	ESW-21-5	G	X					1125
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Relinquished By: John Thurston	Date: 12/3/21	Received By: [Signature]	Phone Result: Yes No Add'l Phone #:	Fax Result: Yes No Add'l Fax #:	REMARKS:			
Delivered By: (Circle One) UPS Bus Other	Date: 12/3/21	Time: 1245	Sample Condition Cool Intact	CHECKED BY: [Initials]				
Sampler - UPS - Bus - Other	Date: 12/3/21	Time: 1245	Yes No	Yes No				



24 Hour Rush TAT

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name: Tetra Tech		P.O. #:		BILL TO		ANALYSIS REQUEST														
Project Manager: Christian Lulu @ Tetra Tech.com		Company: Tetra Tech																		
Address: 901 W. Main St Ste 100		Attn: Christian Lulu																		
City: Midland, TX State: TX Zip: 79701		Address:																		
Phone #: 512-565-0190 Fax #:		City:																		
Project #: 212C-MD-02099-991 Project Owner: Tetra Tech		State:																		
Project Name: Freeport 21-02 EVGSAU Satellite 1/2		Zip:																		
Project Location: Lea County, NM Trunkline		Phone #:																		
Sample Name: John Thurston		Fax #:																		
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPL#	8015 M	BTEX	8021 B	Chloride	300
H213474	ESW-21-6	G	1			X					X		12/2/21	1130	X					
31	ESW-21-7													1135	X					
32	ESW-21-8													1140	X					
33	SSW-21-1													1145	X					
34	WSW-21-2													1150	X					
35	WSW-21-3													1155	X					
36	WSW-21-4													1200	X					
37	WSW-21-5													1205	X					
38	WSW-21-6													1210	X					
39	WSW-21-7													1215	X					
40	WSW-21-7																			

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Relinquished By: John Thurston Date: 12/3/21 Received By: Chadi Merriam Time: 1245

Relinquished By: Date: Time: Received By: Time:

Delivered By: (Circle One) 499 Sample Condition Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No CHECKED BY: (Initials) #113

Sampler - UPS - Bus - Other: 499 #113

Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



Rush 24 Hr TAT

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name: Tetra Tech		P.O. #:		BILL TO										ANALYSIS REQUEST																											
Project Manager: Christian.Llull@tetratech.com		Company: Tetra Tech																																							
Address: 901 W. Wall St Ste 100		Attn: Christian Llull																																							
City: Midland		Address:																																							
State: TX Zip: 79701																																									
Phone #: 512-565-0190 Fax #:																																									
Project #: 2125-MD-0289-991 Project Owner: Tetra Tech		City:																																							
Project Name: VECTA 01-02 EVGSA Satellite 1/2		State:																																							
Project Location: Lea County, NM Truevalue		Phone #:																																							
Sample Name: John Thurston		Fax #:																																							
FOR LAB USE ONLY																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH		8615 M		BTEX		8021 B		Chloride		300	
H2134914		WSW-21-8		G 1		G 1		X		X		X		X		X		X		X		X		X		12/2/20		1220		X		X		X							
44		WSW-21-9		G 1		G 1		X		X		X		X		X		X		X		X		X		12/4/21		1225		X		X		X							
445		WSW-21-10		G 1		G 1		X		X		X		X		X		X		X		X		X		12/2/20		1230		X		X		X							

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Relinquished By: John Thurston		Date: 12/3/21		Received By: Scott Henderson		Time: 1045		Sample Condition		CHECKED BY: (initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date:		Received By:		Time:		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:			
Delivered By: (Circle One) 4.92		Sample - UPS - Bus - Other: 5.44		#113		Sample Condition		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:			

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

December 28, 2021

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: VGEU 2801-02 FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 12/22/21 14:20.

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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 28 (H213699-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2021	ND	2.00	100	2.00	3.20	QM-07, QR-03
Toluene*	<0.050	0.050	12/23/2021	ND	2.03	101	2.00	0.791	QR-03
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	2.07	104	2.00	1.35	QR-03
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.51	109	6.00	1.28	QR-03
Total BTX	<0.300	0.300	12/23/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	12/23/2021	ND	400	100	400	3.92	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	12/28/2021	ND	236	118	200	0.423	
DRO >C10-C28*	<10.0	10.0	12/28/2021	ND	259	130	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	12/28/2021	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 29 (H213699-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2021	ND	2.00	100	2.00	3.20	
Toluene*	<0.050	0.050	12/23/2021	ND	2.03	101	2.00	0.791	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	2.07	104	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.51	109	6.00	1.28	
Total BTEX	<0.300	0.300	12/23/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	236	118	200	0.423	
DRO >C10-C28*	75.9	10.0	12/23/2021	ND	259	130	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 98.1 % 62-130

Surrogate: 1-Chlorooctadecane 98.5 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 30 (H213699-03)

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	12/23/2021	ND	2.09	104	2.00	3.72		
Toluene*	<0.050	0.050	12/23/2021	ND	2.01	101	2.00	3.20		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.92	96.0	2.00	3.72		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	5.83	97.2	6.00	3.85		
Total BTX	<0.300	0.300	12/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 96.3 % 62-130

Surrogate: 1-Chlorooctadecane 83.8 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 31 (H213699-04)

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	12/23/2021	ND	2.09	104	2.00	3.72		
Toluene*	<0.050	0.050	12/23/2021	ND	2.01	101	2.00	3.20		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.92	96.0	2.00	3.72		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	5.83	97.2	6.00	3.85		
Total BTEX	<0.300	0.300	12/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 96.5 % 62-130

Surrogate: 1-Chlorooctadecane 84.2 % 54.5-135

Cardinal Laboratories

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 37 (H213699-05)

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	12/23/2021	ND	2.09	104	2.00	3.72		
Toluene*	<0.050	0.050	12/23/2021	ND	2.01	101	2.00	3.20		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.92	96.0	2.00	3.72		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	5.83	97.2	6.00	3.85		
Total BTEX	<0.300	0.300	12/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 98.9 % 62-130

Surrogate: 1-Chlorooctadecane 84.0 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 39 (H213699-06)

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	12/23/2021	ND	2.09	104	2.00	3.72	
Toluene*	<0.050	0.050	12/23/2021	ND	2.01	101	2.00	3.20	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.92	96.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	5.83	97.2	6.00	3.85	
Total BTEX	<0.300	0.300	12/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 62-130

Surrogate: 1-Chlorooctadecane 75.5 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 40 (H213699-07)

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	12/23/2021	ND	2.09	104	2.00	3.72		
Toluene*	<0.050	0.050	12/23/2021	ND	2.01	101	2.00	3.20		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.92	96.0	2.00	3.72		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	5.83	97.2	6.00	3.85		
Total BTEX	<0.300	0.300	12/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1620	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 90.7 % 62-130

Surrogate: 1-Chlorooctadecane 77.4 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 41 (H213699-08)

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	12/23/2021	ND	2.13	107	2.00	4.98		
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59		
Total BTEx	<0.300	0.300	12/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 93.6 % 62-130

Surrogate: 1-Chlorooctadecane 80.3 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 42 (H213699-09)

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	12/23/2021	ND	2.13	107	2.00	4.98		
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59		
Total BTEx	<0.300	0.300	12/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 95.8 % 62-130

Surrogate: 1-Chlorooctadecane 83.3 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 43 (H213699-10)

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	12/23/2021	ND	2.13	107	2.00	4.98		
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59		
Total BTEx	<0.300	0.300	12/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1820	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 62-130

Surrogate: 1-Chlorooctadecane 78.9 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 45 (H213699-11)

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	12/23/2021	ND	2.13	107	2.00	4.98	
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32	
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59	
Total BTX	<0.300	0.300	12/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1580	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	194	96.8	200	16.2	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	212	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 62-130

Surrogate: 1-Chlorooctadecane 77.6 % 54.5-135

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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:	12/22/2021	Sampling Date:	12/22/2021
Reported:	12/28/2021	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 46 (H213699-12)

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	12/23/2021	ND	2.13	107	2.00	4.98		
Toluene*	<0.050	0.050	12/23/2021	ND	2.02	101	2.00	5.41		
Ethylbenzene*	<0.050	0.050	12/23/2021	ND	1.99	99.4	2.00	5.32		
Total Xylenes*	<0.150	0.150	12/23/2021	ND	6.17	103	6.00	5.59		
Total BTEx	<0.300	0.300	12/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2021	ND	208	104	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/23/2021	ND	219	109	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	12/23/2021	ND					

Surrogate: 1-Chlorooctane 93.3 % 62-130

Surrogate: 1-Chlorooctadecane 97.4 % 54.5-135

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

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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 02

Company Name: <u>Coveco Phillips</u> Project Manager: <u>Christian Hull</u> Address: <u>Christian Hull @ tetra tech.com</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: <u>NA</u> Project #: <u>212C-MD-02099</u> Project Owner: _____ Project Name: <u>WFEU 2801-03 Flashing Release</u> Project Location: <u>Lea County, New Mexico</u> Sampler Name: <u>Joe Tyler</u> FOR LAB USE ONLY		P.O. #: _____ Company: <u>Tetra Tech</u> Attn: <u>Christian Hull</u> Address: <u>by email</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H213649</u>		Sample I.D. (G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____	
PLEASE NOTE: Liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		DATE <u>12-22-21</u> TIME <u>1000</u> TPH <u>X</u> BTEX <u>X</u> Chlorides <u>X</u> Hold _____ DATE <u>12-22-21</u> TIME <u>1010</u> TPH _____ BTEX _____ Chlorides _____ Hold _____ DATE <u>12-22-21</u> TIME <u>1030</u> TPH _____ BTEX _____ Chlorides _____ Hold _____ DATE <u>12-22-21</u> TIME <u>1030</u> TPH _____ BTEX _____ Chlorides _____ Hold _____ DATE <u>12-22-21</u> TIME <u>1100</u> TPH _____ BTEX _____ Chlorides _____ Hold _____ DATE <u>12-22-21</u> TIME <u>1120</u> TPH _____ BTEX _____ Chlorides _____ Hold _____ DATE <u>12-22-21</u> TIME <u>1140</u> TPH _____ BTEX _____ Chlorides _____ Hold _____ DATE <u>12-22-21</u> TIME <u>1200</u> TPH _____ BTEX _____ Chlorides _____ Hold _____ DATE <u>12-22-21</u> TIME <u>1220</u> TPH _____ BTEX _____ Chlorides _____ Hold _____	
Delivered By: (Circle One) <u>22.8°C-0.5°C</u> Sampler - UPS - Bus - Other: <u>22.3°C #113</u> Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Broken CHECKED BY: (Initials) <u>JO</u>		Received By: <u>Christian Hull</u> Date: <u>12-22-21</u> Time: <u>1420</u> Relinquished By: <u>Joe Tyler</u> Date: <u>12-22-21</u> Time: _____ Relinquished By: _____ Date: _____ Time: _____	
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: <u>Christian Hull</u>		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: _____	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 02 of 02

Page 02 of 02

ANALYSIS REQUEST

BILL TO

Company Name: **Conoco Phillips**
 Project Manager: **Christina Lull**

Address: **christina.lull@tetra-tech.com**

City: **Tetra Tech**

Phone #: **8-22-21**

Project #: **212C-MD-03099**

Project Name: **UGEL 2801-02 Feature Release**

Project Location: **Lee County, New Mexico**

Sampler Name: **Tetra Tech**

P.O. #:

Company: **Tetra Tech**

Attn: **Christina Lull**

Address: **email**

City:

State: **Zip:**

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D. **Sample I.D.**

HA13699

11

12

FS-45

FS-46

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE TIME

TPH

BTEX

Chlorides

Hold

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Relinquished By:

Date:

Time: **11:20**

Relinquished By:

Date:

Time: **14:20**

Received By:

Received By:

Date:

Time:

Delivered By: (Circle One)

22.80 C-0.50

Sampler - UPS - Bus - Other:

22.30 #13

Sample Condition

Cool ☒ Intact ☒

Yes ☒ No ☐

CHECKED BY:

(Initials)

YD

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

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

Email Results to: **christina.lull**

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

January 13, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: VGEU 2801-02 FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/12/22 16:00.

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 fluid and cursive, with the first name "Celey" being more prominent.

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:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/13/2022	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 28 (6') (H220124-01)

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	01/12/2022	ND	2.04	102	2.00	5.24	
Toluene*	<0.050	0.050	01/12/2022	ND	1.97	98.5	2.00	6.27	
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	1.92	96.1	2.00	6.14	
Total Xylenes*	<0.150	0.150	01/12/2022	ND	5.88	98.0	6.00	5.69	
Total BTX	<0.300	0.300	01/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	224	16.0	01/13/2022	ND	416	104	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	01/13/2022	ND	196	97.8	200	0.476	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	197	98.7	200	6.06	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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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:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/13/2022	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 29 (6') (H220124-02)

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	01/12/2022	ND	2.04	102	2.00	5.24		
Toluene*	<0.050	0.050	01/12/2022	ND	1.97	98.5	2.00	6.27		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	1.92	96.1	2.00	6.14		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	5.88	98.0	6.00	5.69		
Total BTEx	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	304	16.0	01/13/2022	ND	416	104	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	01/13/2022	ND	196	97.8	200	0.476	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	197	98.7	200	6.06	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.4 % 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:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/13/2022	Sampling Type:	Soil
Project Name:	VGEU 2801-02 FLOWLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02099	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 31 (6') (H220124-03)

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	01/12/2022	ND	2.04	102	2.00	5.24		
Toluene*	<0.050	0.050	01/12/2022	ND	1.97	98.5	2.00	6.27		
Ethylbenzene*	<0.050	0.050	01/12/2022	ND	1.92	96.1	2.00	6.14		
Total Xylenes*	<0.150	0.150	01/12/2022	ND	5.88	98.0	6.00	5.69		
Total BTEX	<0.300	0.300	01/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	768	16.0	01/13/2022	ND	416	104	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	01/13/2022	ND	196	97.8	200	0.476	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	197	98.7	200	6.06	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*=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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 61 of 61

[illegible]

APPENDIX D

Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View north-northeast of the release point and the incident release area.	1
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	10/25/2021



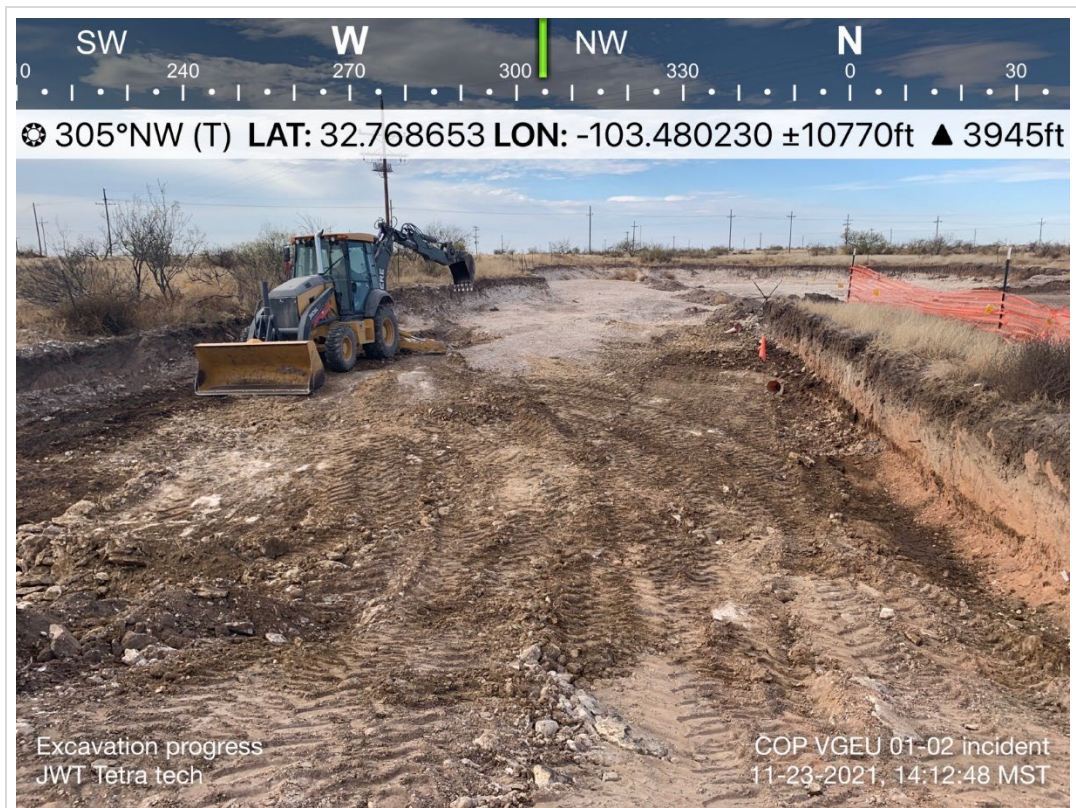
TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View of incident release area footprint outside of preexisting VGEU 01-02 FL Release Excavation.	2
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	10/25/2021



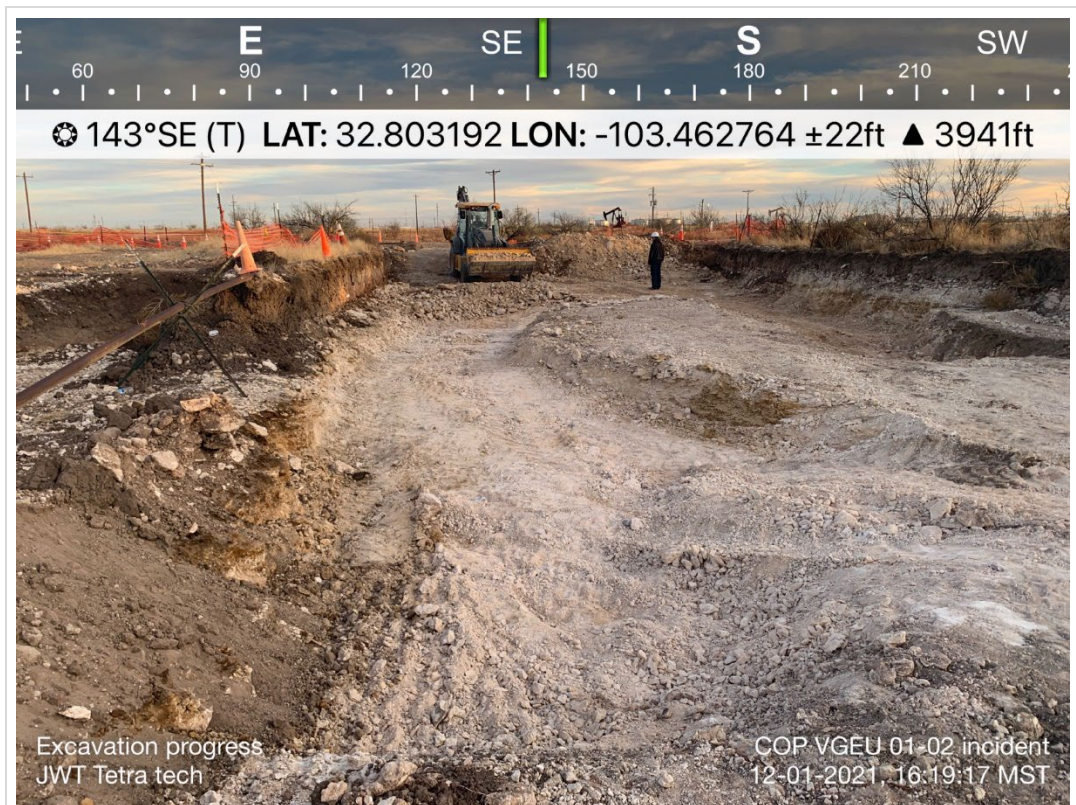
TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View west-southwest of incident release point after overburden removal.	3
	SITE NAME	ConocoPhillips Satellite 1 Trunk Line Incident	10/27/2021



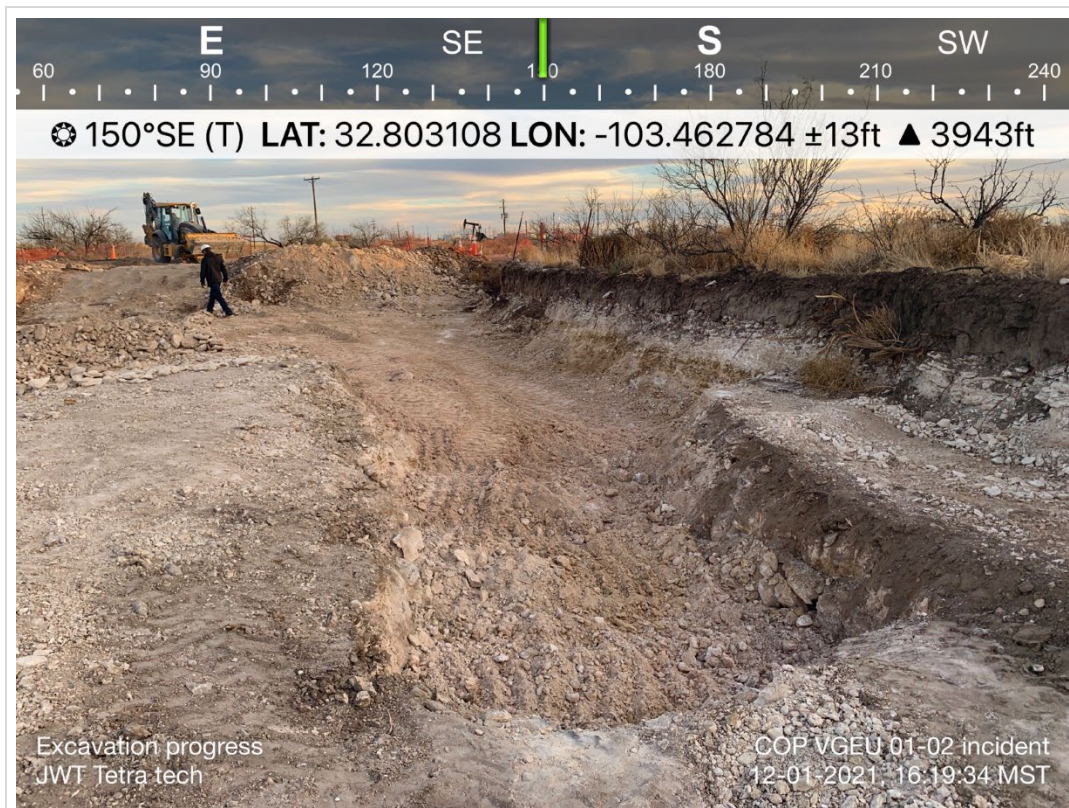
TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View west of incident release area, with previous excavation sidewall visible.	4
	SITE NAME	ConocoPhillips Satellite 1 Trunk Line Incident	10/25/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View north of excavation progress of the incident footprint in the preexisting 01-02 excavation area.	5
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	11/23/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View south of deeper excavation of the incident footprint in the preexisting 01-02 excavation area.	6
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	12/01/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View south of deeper excavation of the incident footprint in the preexisting 01-02 excavation area.	7
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	12/01/2021



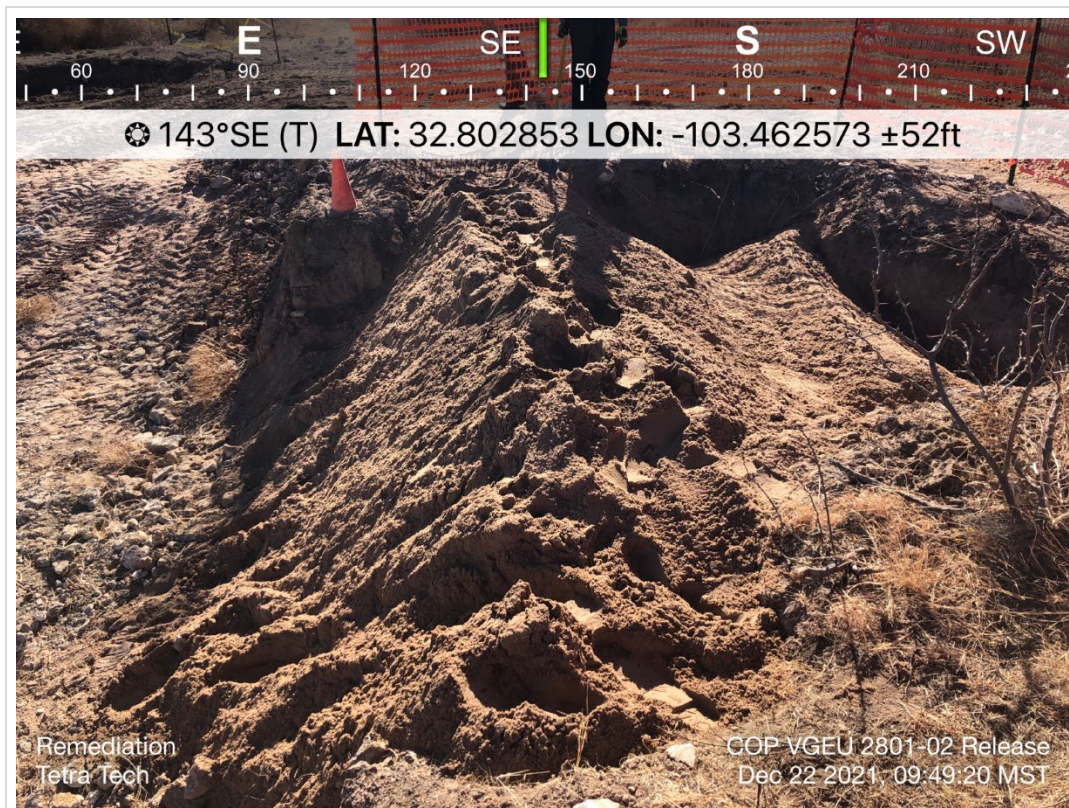
TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View north of deeper excavation of the incident footprint in the preexisting 01-02 excavation area.	8
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	12/01/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View of repaired trunk line.	9
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	12/22/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View of initial backfill of repaired trunk line.	10
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	12/22/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View of continued backfill at repaired trunk line.	11
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	12/22/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View of final backfill of repaired trunk line.	12
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	12/22/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View west of excavation progress in the coincident 01-02 Footprint and the Satellite 1/2 Trunk Line Incident	13
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	01/06/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View north of excavation progress in both the coincident 01-02 Footprint and the Satellite 1/2 Trunk Line Incident	14
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	01/06/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View northeast of excavation progress in both the coincident 01-02 Footprint and the Satellite 1/2	15
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	01/06/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02099	DESCRIPTION	View of southern portion of excavation in both the coincident 01-02 Footprint and the Satellite 1/2	16
	SITE NAME	ConocoPhillips Satellite 1/2 Trunk Line Incident	01/20/2022

APPENDIX E

Waste Manifests



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN TURSTON
 AFE #:
 PO #:
 Manifest #: 123
 Manif. Date: 10/27/2021
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: M32
 Card #
 Job Ref #

Ticket #: 700-1246571 *Page 137 of 171*
 Bid #: O6UJ9A000HH0
 Date: 10/27/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: VGEU
 Well #: 2801-02 RELEASE
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 124
 Manif. Date: 10/27/2021
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: M32
 Card #
 Job Ref #

Ticket #: 700-1246598
 Bid #: O6UJ9A000HH0
 Date: 10/27/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: VGEU
 Well #: 2801-02 RELEASE
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 2
 Manif. Date: 11/18/2021
 Hauler: MCNABB PARTNERS
 Driver: IVAN
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1251513
 Bid #: O6UJ9A000HH0
 Date: 11/18/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	8.00 yards

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: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 3
 Manif. Date: 11/19/2021
 Hauler: MCNABB PARTNERS
 Driver: IVAN
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1251747
 Bid #: O6UJ9A000HH0
 Date: 11/19/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	8.00 yards

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: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 4
 Manif. Date: 11/19/2021
 Hauler: MCNABB PARTNERS
 Driver: OSCAR
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1251781
 Bid #: O6UJ9A000HH0
 Date: 11/19/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	8.00 yards

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: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 5
 Manif. Date: 11/23/2021
 Hauler: MCNABB PARTNERS
 Driver: OSCAR
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1252623
 Bid #: O6UJ9A000HH0
 Date: 11/23/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: VGEU 01-02 TRUNKLINE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

8.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 6
 Manif. Date: 11/23/2021
 Hauler: MCNABB PARTNERS
 Driver: OSCAR
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1252649
 Bid #: O6UJ9A000HH0
 Date: 11/23/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: VEGU 01-02
 Well #: TRUNKLINE
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	8.00 yards

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: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 7
 Manif. Date: 11/23/2021
 Hauler: MCNABB PARTNERS
 Driver: OSCAR
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1252699
 Bid #: O6UJ9A000HH0
 Date: 11/23/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: VGEU 01-02
 Well #: TRUNKLINE
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	8.00 yards

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: _____



Permian Basin

Customer: MCNABB SERVICES
 Customer #: CRI4060
 Ordered by: OSCAR TERRAZAS
 AFE #:
 PO #:
 Manifest #: 8
 Manif. Date: 11/29/2021
 Hauler: MCNABB PARTNERS
 Driver: JESUS
 Truck #: M33
 Card #
 Job Ref #

Ticket #: 700-1253800
 Bid #: Walk-in Bid
 Date: 11/29/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 2
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	15.00 yards

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: _____



Permian Basin

Customer: MCNABB SERVICES
 Customer #: CRI4060
 Ordered by: OSCAR TERRAZAS
 AFE #:
 PO #:
 Manifest #: 9
 Manif. Date: 11/29/2021
 Hauler: MCNABB PARTNERS
 Driver: JESUS
 Truck #: M33
 Card #
 Job Ref #

Ticket #: 700-1253835 Page 146 of 171
 Bid #: Walk-in Bid
 Date: 11/29/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 2
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

15.00 yards

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: _____



Permian Basin

Customer: MCNABB SERVICES
 Customer #: CRI4060
 Ordered by: OSCAR TERRAZAS
 AFE #:
 PO #:
 Manifest #: 10
 Manif. Date: 11/29/2021
 Hauler: MCNABB PARTNERS
 Driver: JESUS
 Truck #: M33
 Card #
 Job Ref #

Ticket #: 700-1253873
 Bid #: Walk-in Bid
 Date: 11/29/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 2
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

15.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: OSCAR TERRAZAS
AFE #:
PO #:
Manifest #: 11
Manif. Date: 11/30/2021
Hauler: MCNABB PARTNERS
Driver: JOSH
Truck #: 6733
Card #
Job Ref #

Ticket #: 700-1254067 Page 148 of 171
Bid #: O6UJ9A000HH0
Date: 11/30/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: EAST VACUUM GSA UNIT SA
Well #: 2
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	8.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: OSCAR TERRAZAS
 AFE #:
 PO #:
 Manifest #: 12
 Manif. Date: 11/30/2021
 Hauler: MCNABB PARTNERS
 Driver: JOSH
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1254096
 Bid #: O6UJ9A000HH0
 Date: 11/30/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	8.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 13
 Manif. Date: 11/30/2021
 Hauler: MCNABB PARTNERS
 Driver: JOSH
 Truck #: M02
 Card #
 Job Ref #

Ticket #: 700-1254137
 Bid #: O6UJ9A000HH0
 Date: 11/30/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 2
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	8.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: OSCAR TERRAZAS
 AFE #:
 PO #:
 Manifest #: 14
 Manif. Date: 12/1/2021
 Hauler: MCNABB PARTNERS
 Driver: URIEL
 Truck #: M80
 Card #
 Job Ref #

Ticket #: 700-1254325
 Bid #: O6UJ9A000HH0
 Date: 12/1/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

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: _____



Permian Basin

Customer: MCNABB SERVICES
 Customer #: CRI4060
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 15
 Manif. Date: 12/2/2021
 Hauler: MCNABB PARTNERS
 Driver: HUGO
 Truck #: M31
 Card #
 Job Ref #

Ticket #: 700-1254587 Page 152 of 171
 Bid #: Walk-in Bid
 Date: 12/2/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 16
 Manif. Date: 12/2/2021
 Hauler: MCNABB PARTNERS
 Driver: HUGO
 Truck #: M31
 Card #
 Job Ref #

Ticket #: 700-1254625 Page 153 of 171
 Bid #: O6UJ9A000HH0
 Date: 12/2/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 2
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____



Permian Basin

Customer: MCNABB SERVICES
 Customer #: CRI4060
 Ordered by: OSCAR TERRAZAS
 AFE #:
 PO #:
 Manifest #: 17
 Manif. Date: 12/2/2021
 Hauler: MCNABB PARTNERS
 Driver: JOSH
 Truck #: M84
 Card #
 Job Ref #

Ticket #: 700-1254636
 Bid #: Walk-in Bid
 Date: 12/2/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

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: _____



Permian Basin

Customer: MCNABB SERVICES
 Customer #: CRI4060
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 18
 Manif. Date: 12/2/2021
 Hauler: MCNABB PARTNERS
 Driver: JOSH
 Truck #: M84
 Card #
 Job Ref #

Ticket #: 700-1254690
 Bid #: Walk-in Bid
 Date: 12/2/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____



Permian Basin

Customer: MCNABB SERVICES
 Customer #: CRI4060
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 19
 Manif. Date: 12/2/2021
 Hauler: MCNABB PARTNERS
 Driver: HUGO
 Truck #: M31
 Card #
 Job Ref #

Ticket #: 700-1254694
 Bid #: Walk-in Bid
 Date: 12/2/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: EAST VACUUM GSA UNIT SA
 Well #: 1
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	12.00 yards

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: _____



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATOR

NO.

548129

Operator No. _____

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. _____

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____

*please select from Non-Exempt Waste List on back

QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS E - EACH

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 load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____

Address _____

Phone No. _____

Driver's Name _____

Print Name _____

Phone No. _____

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP**DISPOSAL FACILITY****RECEIVING AREA**

IN: _____ OUT: _____

Name/No. 28

Site Name/

Permit No. Halfway Facility / NM1-006Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-393-1079NORM READINGS TAKEN? (Circle One) YES ☒ NO ☐If YES, was reading > 50 micro roentgens? (circle one) YES ☐ NO ☒PASS THE PAINT FILTER TEST? (Circle One) YES ☒ NO ☐**TANK BOTTOMS**

Feet

Inches

1st Gauge	
2nd Gauge	
Received	

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATOR

NO. _____

548129

Operator No. Menabb Services

Permit/RRC No. _____

Operators Name Concepcion Phillips

Lease/Well

Name & No. FV69AU safe 11/21/20

Address _____

County _____

City, State, Zip _____

API No. _____

Phone No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
E&P Contaminated Soil		
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____

*please select from Non-Exempt Waste List on back

QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
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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 load is (Check the appropriate classification)

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME Oscar Hernandez

DATE _____

SIGNATURE _____

TRANSPORTERTransporter's Name Menabb ServicesDriver's Name Archie

Address _____

Print Name _____

Phone No. _____

Phone No. 7183

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP**DISPOSAL FACILITY****RECEIVING AREA**

IN: _____ OUT: _____

Name/No. 28Site Name/ Permit No. Halfway Facility / NM1-006Phone No. 575-393-1079Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (circle one)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received				

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____NAME (PRINT) Hector MaresDATE 12/3/21TITLE Driver

SIGNATURE _____



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATORNO. **548129**

Operator No. McNabb Services
Operators Name Conoco Phillips
Address _____
City, State, Zip _____
Phone No. _____

Permit/RRC No. _____
Lease/Well Name & No. Trinidad
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
E&P Contaminated Soil		
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

QUANTITY 1000 B - BARRELS 0 L - LIQUID 0 Y - YARDS 0 E - EACH

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 load is (Check the appropriate classification)

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Services
Address _____
Phone No. _____

Driver's Name John
Print Name _____
Phone No. _____
Truck No. 1000

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. 78

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079NORM READINGS TAKEN? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (circle one) YES NOPASS THE PAINT FILTER TEST? (Circle One) YES NO**TANK BOTTOMS**

Feet

Inches

1st Gauge _____
2nd Gauge _____
Received _____

BS&W/BBLS Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATOR

NO. _____

547629

Operator No. _____

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. _____

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____

*please select from Non-Exempt Waste List on back

QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
----------	-------------	------------	-----------	----------

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 load is (Check the appropriate classification)

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name _____

Address _____

Phone No. _____

Driver's Name _____

Print Name _____

Phone No. _____

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**

Name/No. _____

Site Name/

Permit No. _____

Address _____

Halfway Facility / NM1-006

Phone No. _____

575-393-1079

6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One)

YES

NO

IF YES, was reading > 50 micro roentgens? (circle one)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

Company Name _____

Name _____

Phone No. _____

GENERATORNO. **547629**

Operator No. _____
 Operators Name **Bill McNabb Services**
 Address _____
 City, State, Zip **Gen. Conoco Phillips**
 Phone No. _____

Permit/RRC No. _____
 Lease/Well Name & No. **EUGENE 1-2**
 County _____
 API No. _____
 Rig Name & No. **WJA**
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		Dump Truck

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

QUANTITY **B - BARRELS** **L - LIQUID** **Y - YARDS** **E - EACH**

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 load is (Check the appropriate classification)

- ☒ **RCRA EXEMPT:** Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ **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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ **EMERGENCY NON-OILFIELD:** Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name **McNabb Partners**
 Address _____
 Phone No. **21**

Driver's Name **Quimer**
 Print Name _____
 Phone No. _____
 Truck No. **M 32**

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. **20121**

Site Name/ Permit No. **Halfway Facility / NM1-006**
 Address **6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220**

Phone No. **575-393-1079**

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BLS Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received				

I hereby certify that the above load material has been (circle one): **ACCEPTED** **DENIED** If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATOR

NO.

547629

Operator No. _____

Operators Name Bill McHugh Services

Address _____

City, State, Zip Gen: Cimacophils

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. EVG-SK-1County 2

API No. _____

Rig Name & No. W 1A

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

QUANTITY B - BARRELS L - LIQUID 16 Y - YARDS E - EACH

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 load is (Check the appropriate classification)

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McHugh Services

Address _____

Phone No. 21

Driver's Name Glenn

Print Name _____

Phone No. _____

Truck No. 32

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP**DISPOSAL FACILITY****RECEIVING AREA**

IN: _____ OUT: _____

Name/No. 20121

Site Name/ Permit No. Halfway Facility / NM1-006

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

Feet Inches

1st Gauge _____

2nd Gauge _____

Received _____

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATORNO. **547640**

Operator No. _____

Operators Name **Bill McNabb Services**

Address _____

City, State, Zip **Gen: (C) Phillips**

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. **EXB 547640**

County _____

API No. _____

Rig Name & No. **N/A**

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable) 8	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	End Dump
E&P Contaminated Soil		
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____

*please select from Non-Exempt Waste List on back

QUANTITY **B - BARRELS** **L - LIQUID** **18** **Y - YARDS** **E - EACH**

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 load is (Check the appropriate classification)

- ☒ **RCRA EXEMPT:** Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ **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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)

- ☐ **EMERGENCY NON-OILFIELD:** Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME **Zach McNabb**DATE **12/3/21**

SIGNATURE _____

TRANSPORTERTransporter's Name **McNabb Partners**

Address _____

Phone No. **422**Driver's Name **Jr.**

Print Name _____

Phone No. _____

Truck No. **male**

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE **12/3**DRIVER'S SIGNATURE **JR****TRUCK TIME STAMP**

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. **7018**

Site Name/

Permit No. **Halfway Facility / NM1-006**Phone No. **575-393-1079**Address **6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220**

NORM READINGS TAKEN? (Circle One)

YES **C**

NO

If YES, was reading > 50 micro roentgens? (circle one)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W/BBLS Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATOR

NO. _____

547640

Operator No. _____

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. _____

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:

☐

DRILLING

☐

COMPLETION

☐

PRODUCTION

☐

GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____

*please select from Non-Exempt Waste List on back

QUANTITY

B - BARRELS

L - LIQUID

Y - YARDS

E - EACH

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 load is (Check the appropriate classification)

☐

RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐

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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐

MSDS Information

☐

RCRA Hazardous Waste Analysis

☐

Other (Provide Description Below)

☐

EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's

Name _____

Address _____

Phone No. _____

Driver's Name _____

Print Name _____

Phone No. _____

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____

OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**

Name/No. _____

Site Name/

Permit No. _____

Address _____

Halfway Facility / NM1-006

Phone No. _____

575-393-1079

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (circle one)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W/BBLs Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATOR

NO.

547640

Operator No. _____

Permit/RRC No. _____

Operators Name _____

Lease/Well

Name & No. _____

Address _____

County _____

City, State, Zip _____

API No. _____

Rig Name & No. _____

Phone No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
E&P Contaminated Soil		
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____

*please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

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 load is (Check the appropriate classification)

- ☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____

Driver's Name _____

Address _____

Print Name _____

Phone No. _____

Phone No. _____

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP**DISPOSAL FACILITY****RECEIVING AREA**

IN: _____ OUT: _____

Name/No. _____

Site Name/ _____

Phone No. _____

Permit No. _____

575-393-1079

Address _____

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (circle one)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

Feet

Inches

1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name

Phone No.

GENERATOR

NO.

Operator No.

Operators Name

Address

City, State, Zip

Phone No.

Permit/RRC No.

Lease/Well

Name & No.

County

API No.

Rig Name & No.

AFE/PO No.

547653

E DG SQU SUE TITLE

N/A

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:



DRILLING



COMPLETION



PRODUCTION



GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other

*please select from Non-Exempt Waste List on back

QUANTITY

B - BARRELS

L - LIQUID

18

Y - YARDS

E - EACH

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 load is (Check the appropriate classification)



RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)



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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)



MSDS Information



RCRA Hazardous Waste Analysis



Other (Provide Description Below)



EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's

Name

Address

Phone No.

Driver's Name

Print Name

Phone No.

Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN:

OUT:

DISPOSAL FACILITY

RECEIVING AREA

Name/No.

Site Name/

Permit No.

Address

Halfway Facility / NM1-006

Phone No.

575-393-1079

6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (circle one)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W/BBLs Received

BS&W (%)

Free Water

Total Received

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATORNO. **547653**

Operator No. _____
 Operators Name **Bill McNabb Services**
 Address _____
 City, State, Zip **Gen. Ceneca Phillips**
 Phone No. _____

Permit/RRC No. _____
 Lease/Well Name & No. **EUG SAU Suite 100**
 County _____
 API No. _____
 Rig Name & No. **N/A**
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID **18** Y - YARDS E - EACH

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 load is (Check the appropriate classification)

- ☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name **McNabb McNabb** Driver's Name **Acie**
 Address _____ Print Name _____
 Phone No. **#23** Truck No. **m53**

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP**DISPOSAL FACILITY****RECEIVING AREA**

IN: _____ OUT: _____ Name/No. **547653**

Site Name/ Permit No. **Halfway Facility / NM1-006** Phone No. **575-393-1079**
 Address **6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220**

NORM READINGS TAKEN? (Circle One) YES ☒ NO ☐ If YES, was reading > 50 micro roentgens? (circle one) YES ☐ NO ☒

PASS THE PAINT FILTER TEST? (Circle One) YES ☒ NO ☐

TANK BOTTOMS

Feet

Inches

1st Gauge		BS&W/BBLs Received		BS&W (%)	
2nd Gauge		Free Water			
Received		Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name _____

Phone No. _____

GENERATORNO. **547653**

Operator No. _____

Operators Name **Bill : McNabb Services**

Address _____

City, State, Zip **Gen: Concho Phillips**

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. **EUGENE SUE LITE**

County _____

API No. _____

Rig Name & No. **N/A**

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable) _____	Washout Water (Injectable) _____
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable) _____	Completion Fluid/Flow back (Injectable) _____
Water Based Muds	Produced Water (Non-Injectable) _____	Produced Water (Injectable) _____
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable) _____	Gathering Line Water/Waste (Injectable) _____
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste) _____	
E&P Contaminated Soil		
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____

*please select from **Non-Exempt Waste List** on backQUANTITY B - BARRELS L - LIQUID **18** Y - YARDS E - EACH

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 load is (Check the appropriate classification)

- ☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's

Name **McNabb**

Address _____

Phone No. **423**Driver's Name **ACIE**

Print Name _____

Phone No. _____

Truck No. **MS3**

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. **50121**

Site Name/

Permit No. **Halfway Facility / NM1-006**Address **6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220**Phone No. **575-393-1079**

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (circle one)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W/BBLS Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 24
 Manif. Date: 12/3/2021
 Hauler: MCNABB PARTNERS
 Driver: GUMER
 Truck #: M32
 Card #
 Job Ref #

Ticket #: 700-1254901
 Bid #: O6UJ9A000HH0
 Date: 12/3/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: VGEU 01-02
 Well #: TRUNKLINE
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOHN THURSTON
 AFE #:
 PO #:
 Manifest #: 25
 Manif. Date: 12/3/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1254907
 Bid #: O6UJ9A000HH0
 Date: 12/3/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: VGEU 01-02
 Well #: TRUNKLINE
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

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 74853

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 74853
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	6/14/2022