



December 22, 2025

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

Re: Release Characterization and Remediation Work Plan
ConocoPhillips
Sebastian Fed Com 1H Battery Release
Unit Letter D, Section 18, Township 24 South, Range 34 East
Lea County, New Mexico
Incident ID# nAPP2527449031

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (ConocoPhillips) to assess a release at the Sebastian Fed Com 1H Battery (Facility ID FAPP2203934150). The release footprint is located in Public Land Survey System (PLSS) Unit Letter D, Section 18, Township 24 South, and Range 34 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.22388333°, -103.51510833° as shown on Figures 1 and 2.

BACKGROUND

According to the C-141 Initial Report, the release was discovered on September 27, 2025, and was caused by corrosion in a flow line. Approximately 9 barrels (bbls) of produced water were reported released, of which 5 bbls were recovered. The release occurred outside of the containment within production lines in pasture and flowed onto the pad, as depicted in Figure 3. The NMOCD approved the initial C-141 on October 1, 2025, and subsequently assigned the release the Incident ID nAPP2527449031. The initial C-141 is included in Appendix A.

LAND OWNERSHIP

According to the NMOCD Oil and Gas Map, the Site is located on private land. Concurrent approval of this work plan will be obtained from the landowner prior to remedial activities.

SITE CHARACTERIZATION

A Site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, stream bodies, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential.

According to the New Mexico Office of the State Engineer (NMOSE) reporting system, there is one well within ½-mile (800-meter) radius of the Site, located approximately 0.26 miles (430 meters) northwest of the release point. The depth of the well was 105 feet bgs with no groundwater encountered. The Site characterization data and a copy of the well record and log is included in Appendix B.

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REGULATORY FRAMEWORK

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

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

Constituent	Site RRALs
Chloride	20,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg

SITE ASSESSMENT

On October 15 and 16, 2025, Tetra Tech was on Site to conduct assessment activities on behalf of ConocoPhillips. Fourteen (14) hand auger borings (AH-1 through AH-14) were installed to 1-foot bgs along the perimeter of the release extent and in close proximity to the facility containment wall. Ten (10) hand auger borings (AH-15 through AH-24) were installed in the release area footprint to total depths ranging from 2 to 3.5 feet bgs. Auger refusal was met at roughly between 3 and 3.5 feet bgs.

Due to the dense subsurface lithology (caprock) beneath the release footprint, vertical delineation was not achieved with the hand auger borings. Tetra Tech remobilized to the Site on November 17, 2025, and installed five (5) trenches (T-1 and T-5) using a backhoe to evaluate the vertical extents of the release. Trench T-1 through T-4 were installed to 6 feet bgs and T-5 was installed to 7 feet bgs. Assessment sampling locations are presented in Figure 3. Photographic documentation of the Site is included in Appendix C.

A total of forty-seven (47) soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for chloride via Standard Method 4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical reports and chain-of-custody documentation are included in Appendix D.

SUMMARY OF RESULTS

The laboratory analytical results from October 2025 and November 2025 assessment sampling activities are summarized in Table 1. Analytical results associated with surface soil intervals (0-4 feet bgs) at AH-13 through AH-17, AH-19, AH-21 through AH-24, and T-3 through T-5 exceeded the reclamation limit for chloride (600 mg/kg). Vertical delineation was achieved during the November mobilization. Although analytical results associated with sample locations AH-13 and AH-14 were above Site RRALs, these soils

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were collected against the containment wall which provided a barrier for the release not to enter the lined facility, therefore horizontal delineation was achieved.

REMEDIATION WORK PLAN

Based on the collected analytical results, ConocoPhillips proposes to remove the impacted material as shown in Figure 4. The release footprint in the area of AH-13 through AH-17, AH-19, as well as T-3 through T-5 will be excavated to an approximate depth of 4 feet below the surrounding surface or until a representative sample from the walls and bottom of the excavation are below the Site RRALs. In the area of AH-22 the release footprint will be excavated to an approximate depth of 1.5 feet below the surrounding surface or until a representative sample from the walls and bottom of the excavation are below the Site RRALs. In the area of AH-21, AH-23, and AH-24 the release footprint will be excavated to an approximate depth of 3.5 feet below the surrounding surface or until a representative sample from the walls and bottom of the excavation are below the Site RRALs. The area of AH-18 and AH-20 had analytical results below Site reclamation standards; however, surface staining from the release was observed and a 6 in scrape is proposed for this area, and confirmation samples will be collected from the walls and bottom of the excavation.

The excavation will be conducted using heavy equipment (backhoes, hoe rams, and track hoes) as permitted; however, areas in close proximity to steel surface/pressurized lines or other production equipment will be hand-dug to the maximum extent practicable and heavy equipment will come no more than 4 feet from any pressurized lines.

Excavated soils will be transported off Site and disposed of at an NMOCD-approved or permitted facility. The responsible party will notify the OCD two (2) business days prior to conducting final confirmation sampling pursuant to 19.15.29.12.D(1)(a) NMAC, using a Notification of Sampling (C-141N) application.

Confirmation bottom and sidewall samples representative of no more than 400 square feet will be collected for verification of remedial activities, and analyzed for TPH, BTEX, and chlorides as shown in Figure 5. Once results are received, the excavation will then be backfilled with clean material to surface grade. The estimated volume of material to be remediated is approximately 733 cubic yards and an area of approximately 6,260 square feet.

SITE RECLAMATION

This release occurred within an active pad area and in the pasture. Reclamation (reseeding) activities are not proposed within the active pad area, as the area is in use for production activities. The release area within pasture will be reclaimed. Based on 19.15.29.13 NMAC, all areas disturbed by the remediation and closure will be reclaimed once confirmation sampling results below the reclamation requirements (or RRALs for areas below 4 feet bgs) are received. Once acceptable confirmation sample results are received, the excavation will be backfilled with clean material to pre-release grade. In accordance with 19.15.29.12 NMAC, the reclaimed area will contain a minimum of 4 feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0 or Method 4500. The soil cover will include a top layer consisting of 1 foot of suitable material to establish vegetation at the Site.

The backfilled areas in the pasture will be seeded following backfilling, to aid in revegetation. Based on the soils of the Site, areas will be seeded with the BLM seed mixture for LPC Sand/Shinnery Sites to aid in revegetation will be used for seeding and will be planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture will be spread by a drill equipped with a depth regulator or a hand-held broadcaster and raked. If a hand-held broadcaster is used for dispersal, the pounds pure live seed per acre will be doubled.

CONCLUSION

Based on the results of the 2025 release assessment and characterization, ConocoPhillips will remediate soils within the release extent impacted with chloride above Site RRALs. The proposed remediation

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ConocoPhillips

activities will be conducted within 90 days of acceptance of the proposed plan. If you have any questions concerning the assessment activities for the Site or the proposed remediation work plan, please call me at (512) 596-8201.

Sincerely,
Tetra Tech, Inc.



Lisbeth Chavira
Project Manager



Samantha K. Abbott, P.G.
Senior Project Manager

cc:
Mr. Jacob Laird, GPBU – ConocoPhillips

Release Characterization and Remediation Work Plan
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ConocoPhillips

LIST OF ATTACHMENTS

Figures:

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

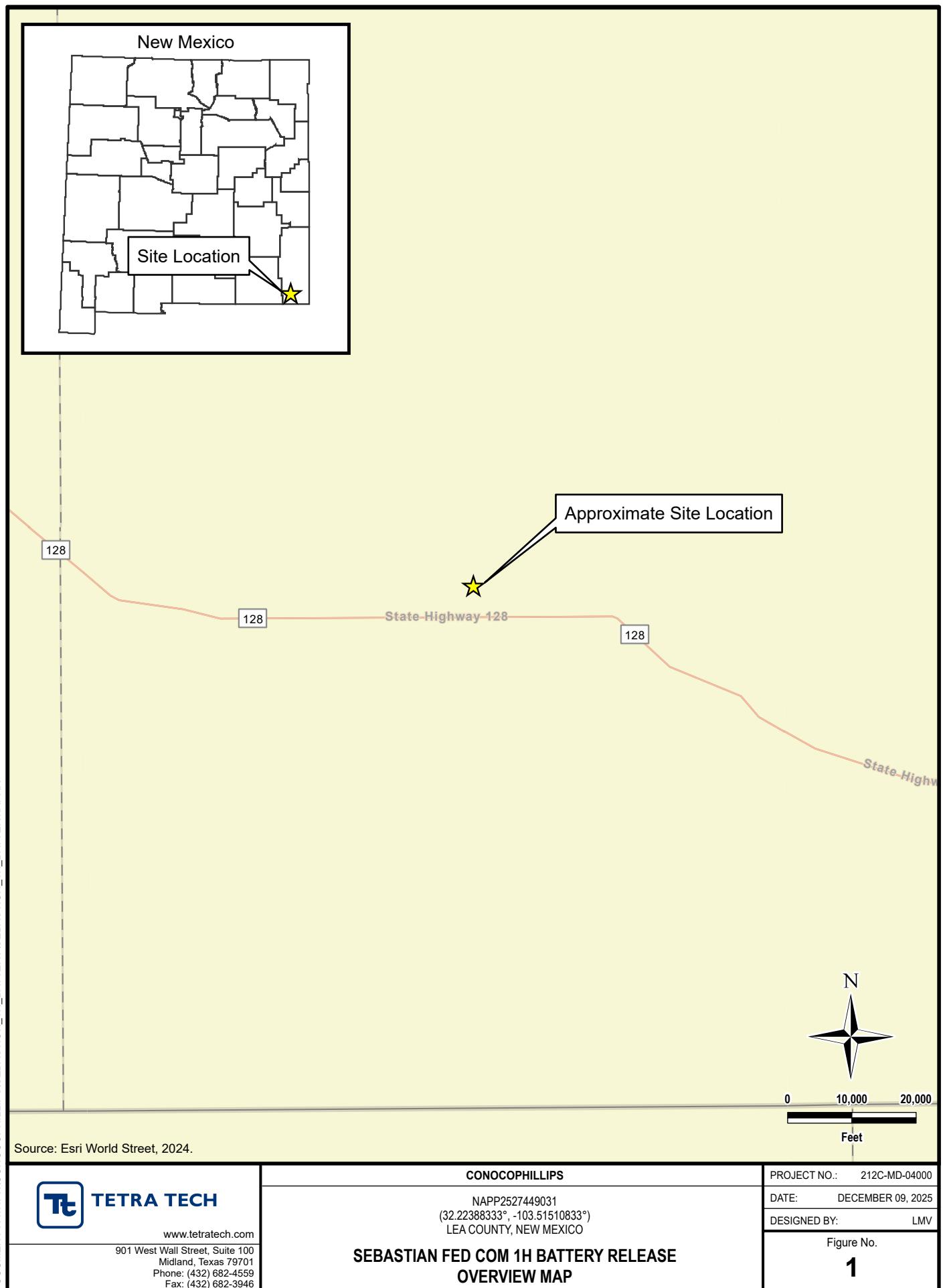
Tables:

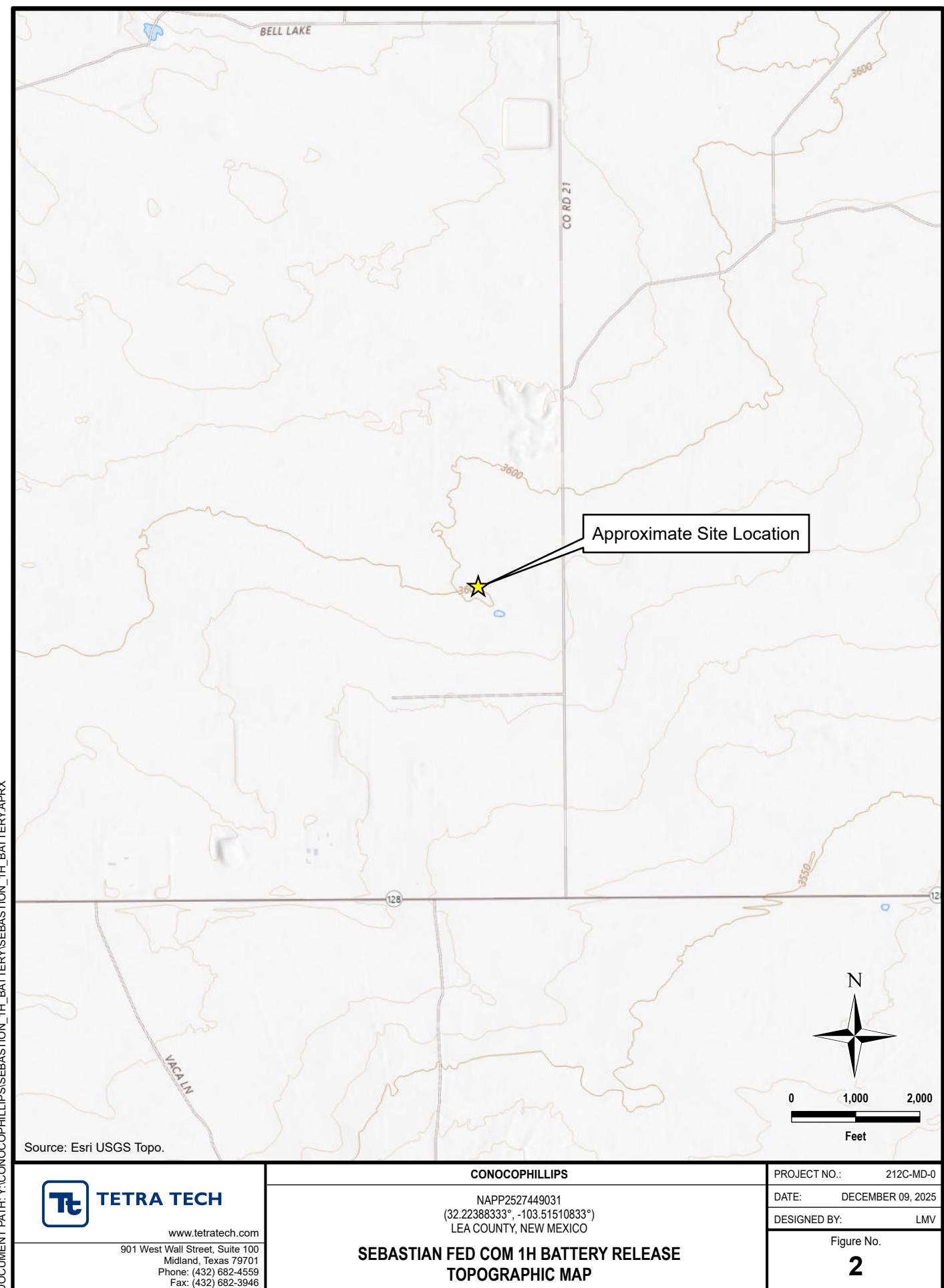
- Table 1 – Summary of Analytical Results – 2025 Soil Assessment

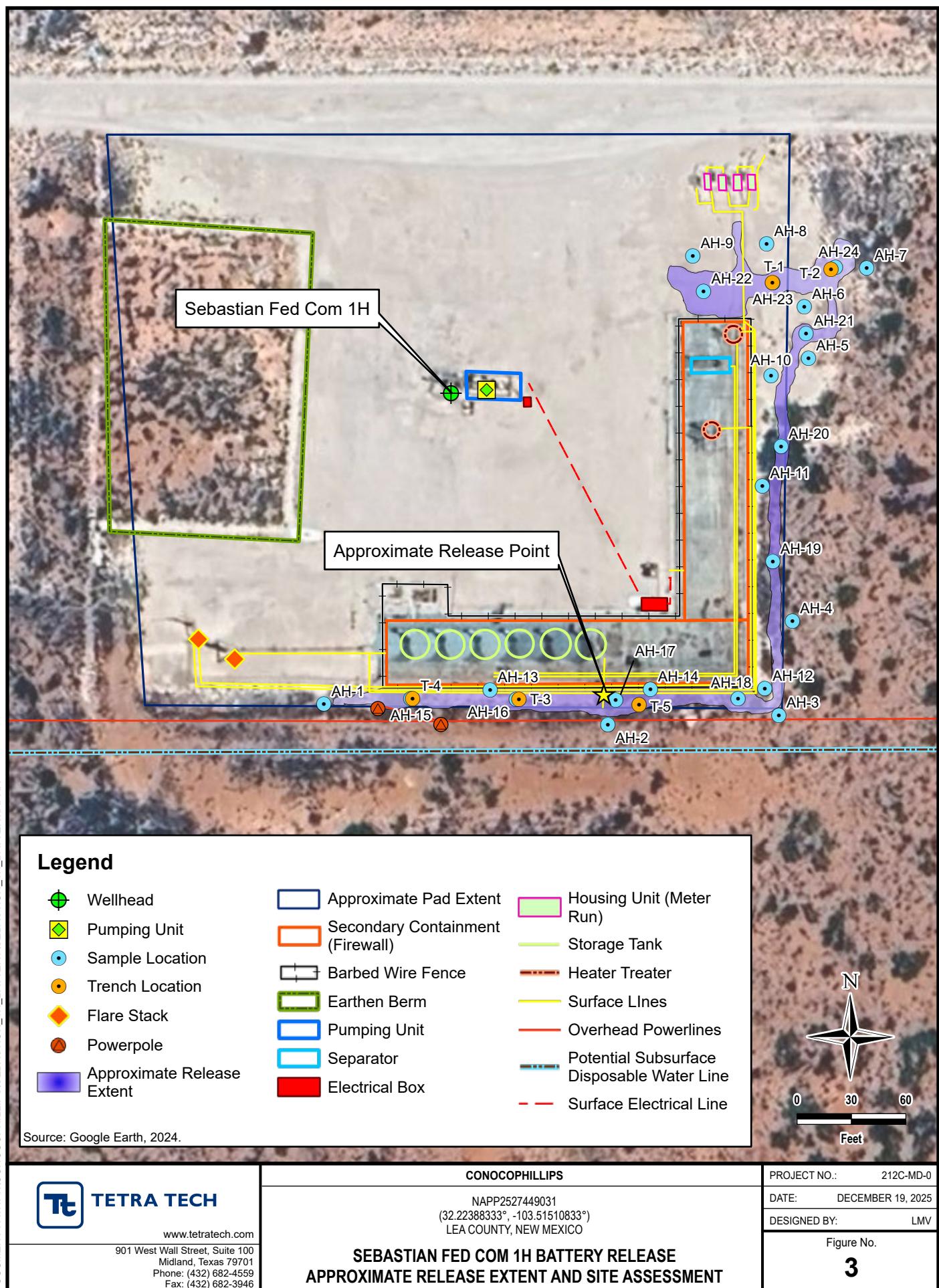
Appendices:

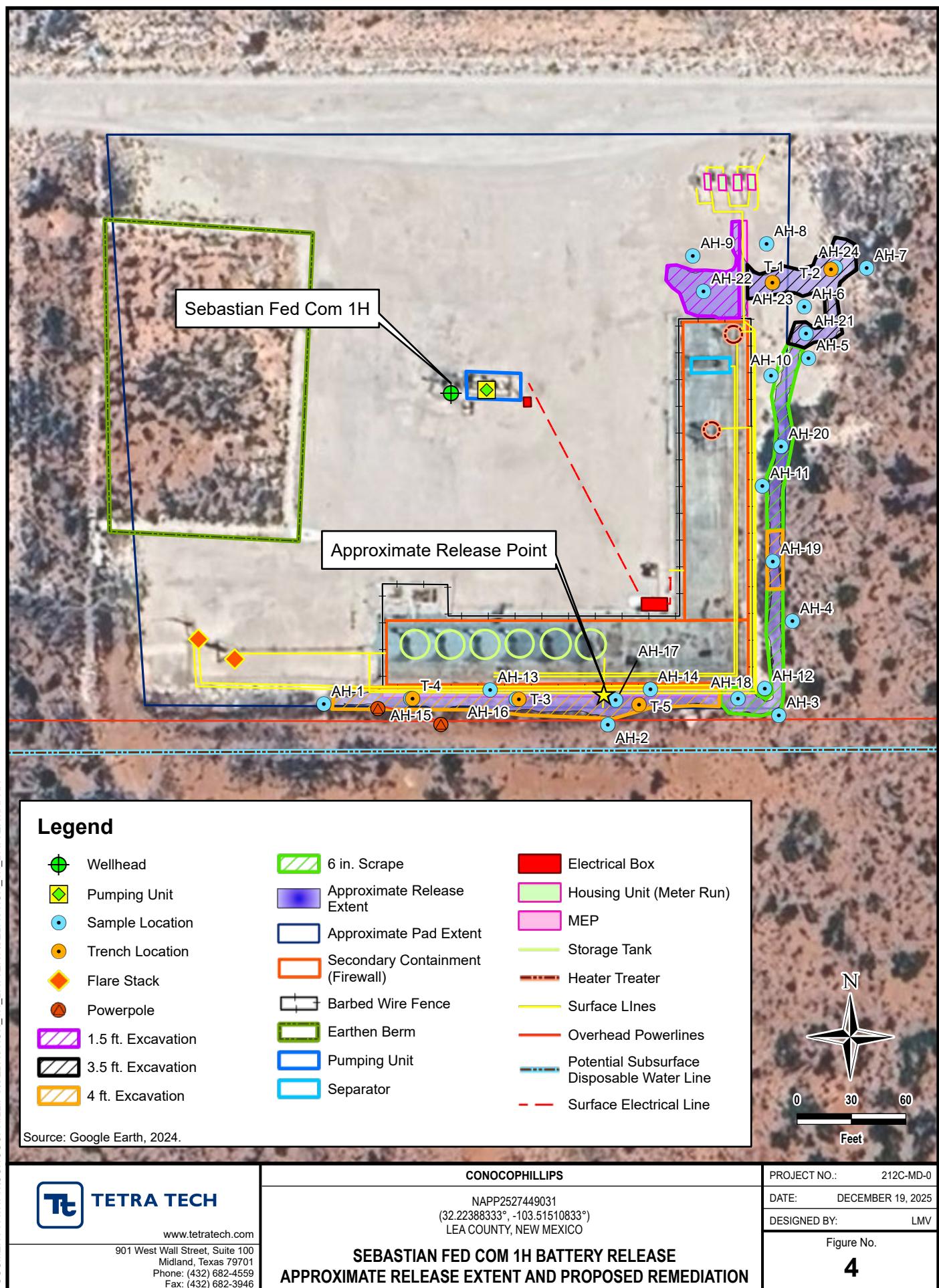
- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Photographic Documentation
- Appendix D – Laboratory Analytical Data

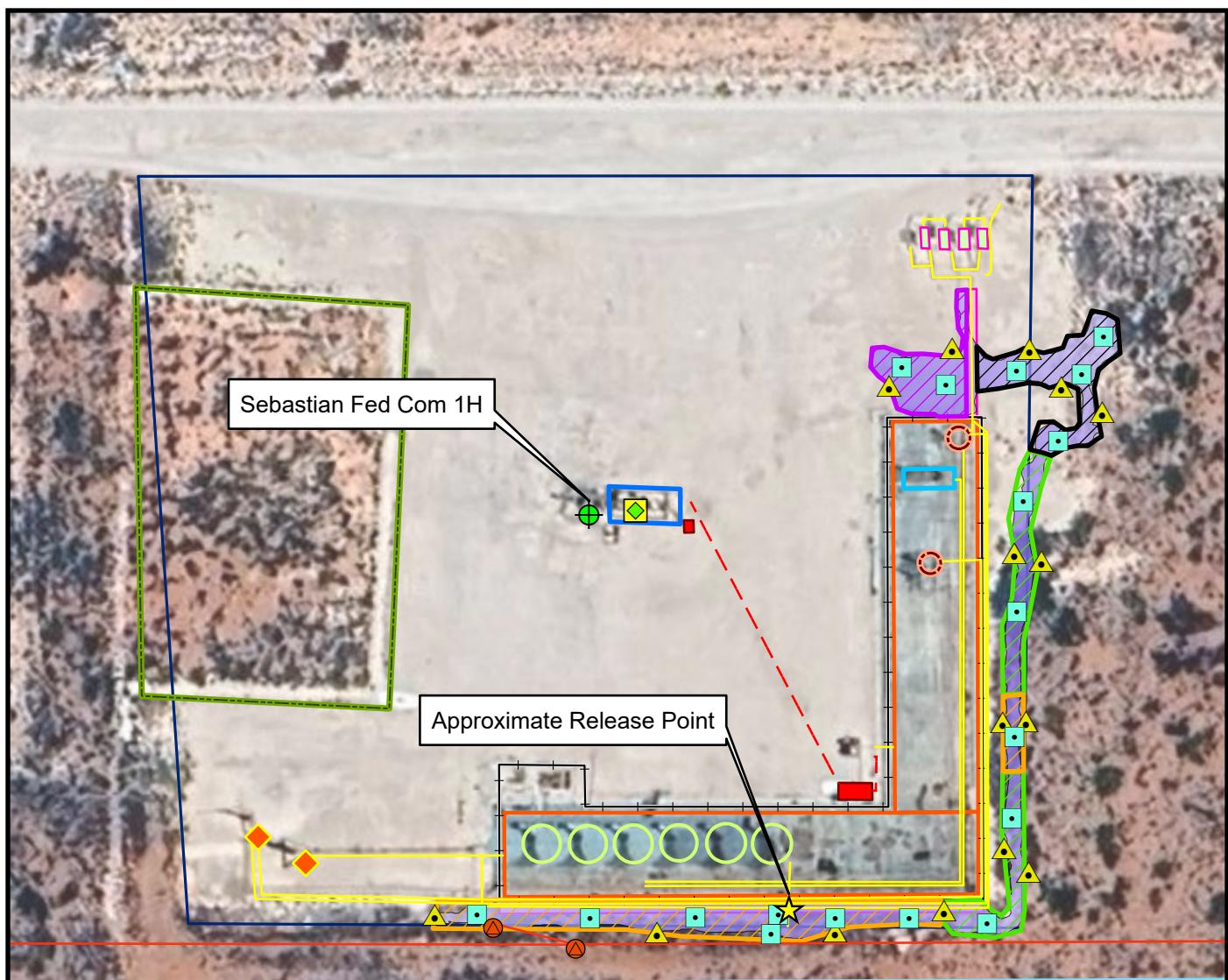
FIGURES











Legend

- Wellhead
- Pumping Unit
- Sidewall Confirmation Sample Location
- Floor Confirmation Sample Location
- Flare Stack
- Powerpole
- 1.5 ft. Excavation
- 3.5 ft. Excavation
- 4 ft. Excavation
- 6 in. Scrape
- Approximate Release Extent
- Approximate Pad Extent
- Secondary Containment (Firewall)
- Barbed Wire Fence
- Earthen Berm
- Pumping Unit
- Separator
- Electrical Box
- Housing Unit (Meter Run)
- MEP
- Storage Tank
- Heater Treater
- Surface LInes
- Overhead Powerlines
- Potential Subsurface Disposable Water Line
- Surface Electrical Line



DOCUMENT PATH: Y:\CONOCOPHILLIPS\SEBASTION_1H_BATTERY\APRX

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

CONOCOPHILLIPS	
NAPP2527449031 (32.22388333°, -103.51510833°) LEA COUNTY, NEW MEXICO	
SEBASTIAN FED COM 1H BATTERY RELEASE APPROXIMATE RELEASE EXTENT AND CONFIRMATION SAMPLING	

PROJECT NO.:	212C-MD-0
DATE:	DECEMBER 19, 2025
DESIGNED BY:	LMV
Figure No.	5

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT- nAPP2527449031
CONOCOPHILLIPS
SEBASTIAN FEDERAL COM 1H BATTERY RELEASE
LEA COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (>105 ft):			Chlorides ¹								BTEX ²								TPH ³							
Sample ID	Sample Date	Sample Depth Interval	20,000 mg/kg		10 mg/kg		Toluene		Ethylbenzene		Total Xylenes		50 mg/kg		GRO		DRO		EXT DRO		2,500 mg/kg		1,000 mg/kg			
			Chloride		Benzene								Total BTEX		$C_6 - C_{10}$		$> C_{10} - C_{28}$		$> C_{28} - C_{36}$		Total TPH (GRO+DRO+EXT DRO)		GRO+DRO			
			ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
HORIZONTAL DELINEATION																										
AH-1	10/15/2025	0-1	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-2	10/15/2025	0-1	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-3	10/15/2025	0-1	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-4	10/15/2025	0-1	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-5	10/15/2025	0-1	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-6	10/15/2025	0-1	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-7	10/15/2025	0-1	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-8	10/15/2025	0-1	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-9	10/15/2025	0-1	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-10	10/15/2025	0-1	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-11	10/15/2025	0-1	368		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-12	10/15/2025	0-1	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-13	10/15/2025	0-1	6,670		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-14	10/15/2025	0-1	6,240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		26.7		19.7		46.4		26.7			
VERTICAL DELINEATION																										
AH-15	10/15/2025	0-1	4,920		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		20.2		<10.0		20.2		20.2			
		2-3	7,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		31.6		<10.0		31.6		31.6			
AH-16	10/15/2025	0-1	5,320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		2-3	9,760		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		3-3.5	6,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-17	10/15/2015	0-1	1,870		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		2-3	3,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-18	10/15/2025	0-1	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		1-2	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-19	10/15/2025	0-1	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		1-2	2,760		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		2-3	1,360		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-20	10/15/2025	0-1	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		1-2	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-21	10/15/2025	0-1	7,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		2-3	1,260		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-22	10/15/2025	0-1	1,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		2-3	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-23	10/15/2025	0-1	7,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		2-3	2,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
AH-24	10/15/2025	0-1	4,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		2-3	5,520		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
T-1	11/17/2025	3-4	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		5-6	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
T-2	11/17/2025	3-4	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		5-6	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
T-3	11/17/2025	3-4	2,930		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	
		5-6	1,570		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0		ND		ND	

TABLE 1
 SUMMARY OF ANALYTICAL RESULTS
 SOIL ASSESSMENT- nAPP2527449031
 CONOCOPHILLIPS
 SEBASTIAN FEDERAL COM 1H BATTERY RELEASE
 LEA COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (>105 ft):			Chlorides ¹		BTEX ²										TPH ³							
Sample ID	Sample Date	Sample Depth Interval	Chloride		Benzene		Toluene		Ethylbenzene		Total Xylenes		50 mg/kg		GRO		DRO		EXT DRO		2,500 mg/kg	1,000 mg/kg
			ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	Total TPH (GRO+DRO+EXT DRO)
T-4	11/17/2025	3-4	2,520		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		ND	ND
		5-6	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		ND	ND
T-5	11/17/2025	3-4	8,660		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		ND	ND
		5-6	3,840		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		ND	ND
		6-7	560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		ND	ND

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500CI-B

2 Method 8021B

3 Method 8015M

ND Not detected

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

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

APPENDIX A

C-141 Forms

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 511227

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 511227
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Sebastian Fed Com 1H
Date Release Discovered	09/27/2025
Surface Owner	Private

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	<i>Not answered.</i>
Produced Water Released (bbls) Details	<i>Cause: Corrosion Flow Line - Production Produced Water Released: 9 BBL Recovered: 5 BBL Lost: 4 BBL.</i>
Is the concentration of chloride in the produced water >10,000 mg/l	<i>Yes</i>
Condensate Released (bbls) Details	<i>Not answered.</i>
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	<i>Not answered.</i>

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 511227

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 511227
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS**Nature and Volume of Release (continued)**

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	Not answered.
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	Not answered.
All free liquids and recoverable materials have been removed and managed appropriately	Not answered.
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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Oil Conservation Division
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Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 511227

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 511227
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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Santa Fe, NM 87505

CONDITIONS

Action 511227

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 511227
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
brittanyesparza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/1/2025

Spill Calculation - Subsurface Spill - Rectangle						Remediation Recommendation						
Received by OCD: 12/23/2025 5:53:44 PM	Length (ft.)	Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)	Total Estimated Contaminated Soil, uncompactated, 25% (yd ³)	Current Rule of Thumb-RMR Handover Volume (yd ³)
Convert Irregular shape into a series of rectangles								16%				
Rectangle A	199.0	35.0	0.1	On-Pad	10.50%	10.33	1.08		0.17	0.91	2.69	
Rectangle B	160.0	35.0	0.1	On-Pad	10.50%	8.31	0.87		0.14	0.73	2.16	
Rectangle C	6.0	82.0	1.0	Off-Pad	15.02%	7.30	1.10		0.18	0.92	1.90	
Rectangle D	90.0	6.0	1.5	Off-Pad	15.02%	12.02	1.80		0.29	1.52	3.13	
Rectangle E	53.0	87.0	0.5	On-Pad	10.50%	34.20	3.59		0.57	3.02	8.89	
Rectangle F	16.0	21.0	1.0	On-Pad	10.50%	4.98	0.52		0.08	0.44	1.30	
Rectangle G	42.0	6.0	0.5	On-Pad	10.50%	1.87	0.20		0.03	0.16	0.49	
Rectangle H				▼		0.00					0.00	
Rectangle I				▼		0.00					0.00	
Rectangle J				▼		0.00					0.00	
Released to Imaging: 12/29/2025 4:24:09 PM						Total Subsurface Volume Released:	9.1682		1.4669	7.7013	20.55	BU

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

QUESTIONS

Action 511229

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 511229
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2527449031
Incident Name	NAPP2527449031 SEBASTIAN FED COM 1H @ FAPP2203934150
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2203934150] Sebastian Fed Com 1H Battery

Location of Release Source

Please answer all the questions in this group.

Site Name	Sebastian Fed Com 1H
Date Release Discovered	09/27/2025
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	<i>Not answered.</i>
Produced Water Released (bbls) Details	<i>Cause: Corrosion Flow Line - Production Produced Water Released: 9 BBL Recovered: 5 BBL Lost: 4 BBL.</i>
Is the concentration of chloride in the produced water >10,000 mg/l	<i>Yes</i>
Condensate Released (bbls) Details	<i>Not answered.</i>
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	<i>Not answered.</i>

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QUESTIONS, Page 2

Action 511229

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 511229
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 10/01/2025
--	---

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QUESTIONS, Page 3

Action 511229

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 511229
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	<i>Not answered.</i>
What method was used to determine the depth to ground water	<i>Not answered.</i>
Did this release impact groundwater or surface water	<i>Not answered.</i>
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	<i>Not answered.</i>
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	<i>Not answered.</i>
An occupied permanent residence, school, hospital, institution, or church	<i>Not answered.</i>
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	<i>Not answered.</i>
Any other fresh water well or spring	<i>Not answered.</i>
Incorporated municipal boundaries or a defined municipal fresh water well field	<i>Not answered.</i>
A wetland	<i>Not answered.</i>
A subsurface mine	<i>Not answered.</i>
An (non-karst) unstable area	<i>Not answered.</i>
Categorize the risk of this well / site being in a karst geology	<i>Not answered.</i>
A 100-year floodplain	<i>Not answered.</i>
Did the release impact areas not on an exploration, development, production, or storage site	<i>Not answered.</i>

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

CONDITIONS

Action 511229

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 511229
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	10/1/2025

APPENDIX B

Site Characterization Data



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 smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C_04838 POD1		CUB	LE	SE	SE	SE	12	24S	33E	639536.1	3566499.4		430	105		
C_03932 POD8		CUB	LE	SE	NE	SE	07	24S	34E	641120.0	3566769.9		1320	72		
C_03666 POD1		C	LE	NE	SW	SE	13	24S	33E	639132.5	3565078.2		1414	650	390	260
C_03917 POD1		C	LE	SE	NW	SW	13	24S	33E	638373.9	3565212.6		1853	600	420	180
C_04919 POD1		CUB	LE	NE	NW	NE	14	24S	33E	637528.5	3566281.5		2370	105		
C_04014 POD1		CUB	LE	NW	NW	SW	06	24S	34E	639811.3	3568638.9		2373	91	81	10
C_04458 POD1		CUB	LE	SE	NW	NW	20	24S	34E	641549.2	3564532.9		2393	0		
C_04014 POD2		CUB	LE	SE	SE	NE	01	24S	33E	639655.6	3568917.1		2661	95	81	14
C_04014 POD4		CUB	LE	SW	SE	NE	01	24S	33E	639295.2	3568859.7		2662	96	86	10
C_04014 POD3		CUB	LE	NE	SE	NE	01	24S	33E	639497.3	3569007.3		2769	95	87	8
C_04814 POD1		CUB	LE	SW	SE	NE	06	24S	34E	641053.2	3568837.6		2817	55		
C_04014 POD5		CUB	LE	NW	SE	NE	01	24S	33E	639284.2	3569086.3		2885	95	85	10
C_04804 POD1		CUB	LE	NW	NW	SW	01	24S	33E	638093.4	3568540.8		2903	100		
C_03601 POD1		CUB	LE	SE	SE	NE	23	24S	33E	638124.2	3563937.1		2928			
C_03662 POD1		C	LE	SW	NW	NE	23	24S	33E	637342.1	3564428.5		3149	550	110	440
C_04339 POD6		CUB	LE	SW	NW	NE	23	24S	33E	637340.3	3564386.9		3175	60		
C_04339 POD9		CUB	LE	SW	SE	NE	23	24S	33E	637730.9	3563913.6		3199	45		
C_02309		CUB	LE	NE	NE	NE	25	24S	33E	639708.5	3562997.8		3274	60	30	30
C_03601 POD3		CUB	LE	NW	SW	SW	24	24S	33E	638141.8	3563413.7		3350			
C_03601 POD2		CUB	LE	SW	NE	SE	23	24S	33E	637846.1	3563588.3		3374			
C_03601 POD5		CUB	LE	NE	SE	SE	23	24S	33E	637988.4	3563334.6		3499			

Average Depth to Water: **137 feet**

Minimum Depth: **0 feet**

Maximum Depth: **420 feet**

Record Count: 21

Basin/County Search:

County: LE

UTM Filters (in meters):

Easting: 639898.85

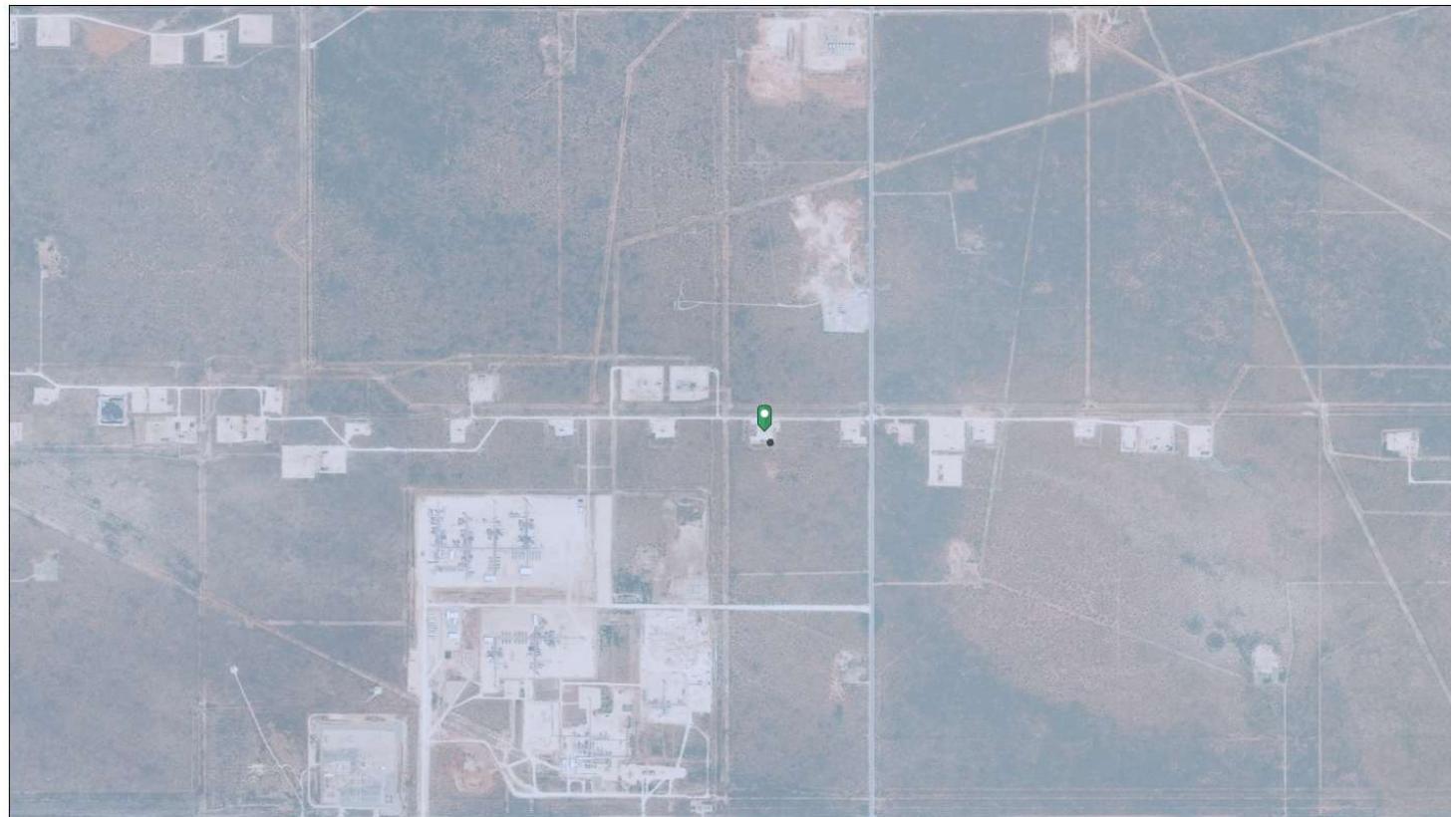
Northing: 3566266.96

Radius: 3500

* 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.

OCD Karst Potential (Low)

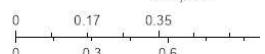


11/14/2025, 11:08:49 AM

Karst Occurrence Potential

Low

1:18,056



BLM, OCD, New Mexico Tech, Vantor

New Mexico Oil Co
NM OCD Oil and Gas Map, <http://nm-emrrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9fb35ca75>; New Mexico Oil Co

My Map

BLM_NM_Plant_Wildlife_Habitat

Special Status Plant and Wildlife Habitat

Potential Habitat (Planning Area Only)

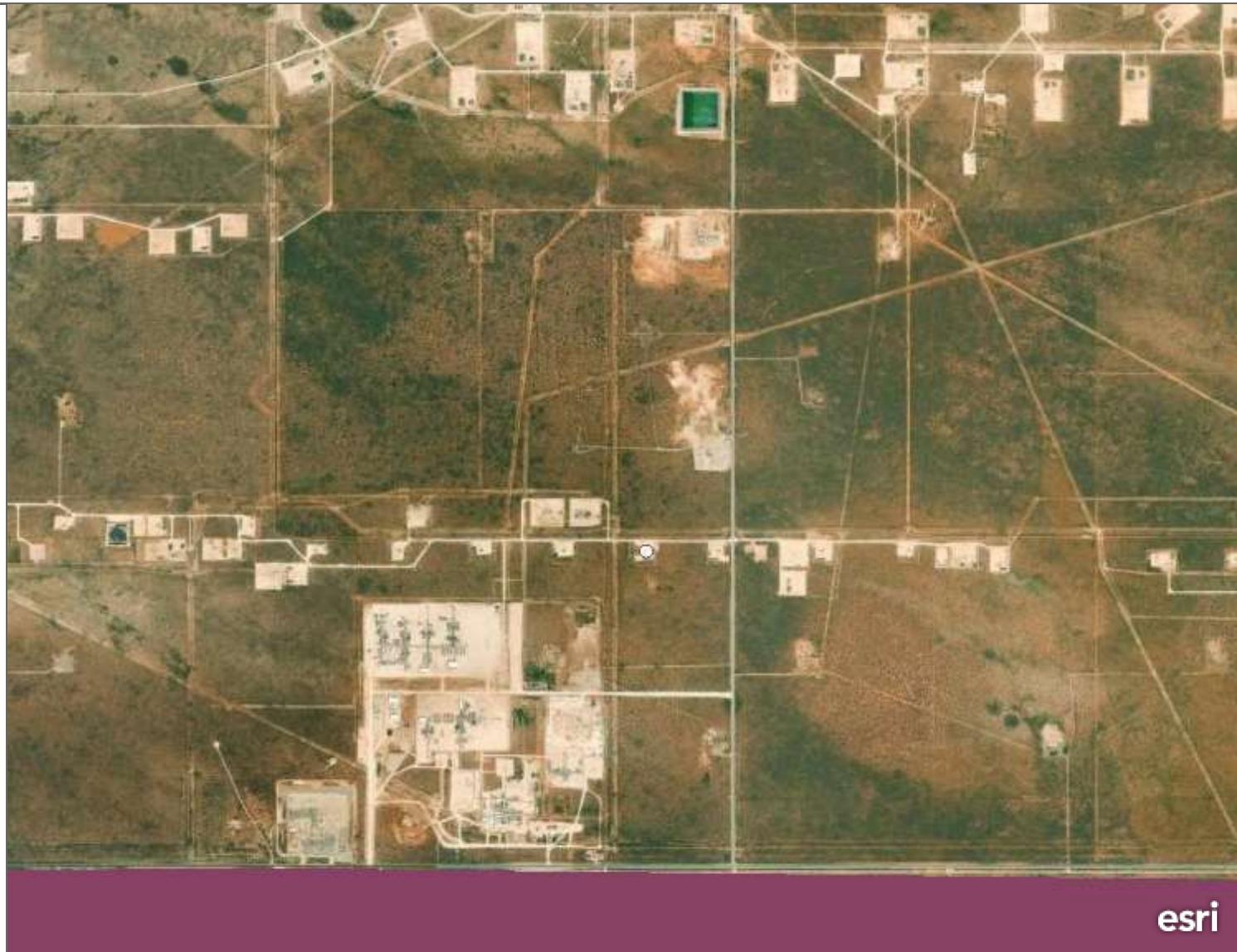
-  Allred's Flax
-  Guadalupe Mountains and Foothills
-  Gypsum milkvetch
-  Gypsum wild buckwheat
-  Kuenzler's hedgehog cactus
-  Lee's pincushion cactus
-  Scheer's beehive cactus
-  Tharp's blue-star
-  Wright's waterwillow

Dunes Sage Brush Lizard Habitat



Lesser Prairie Chicken Habitat

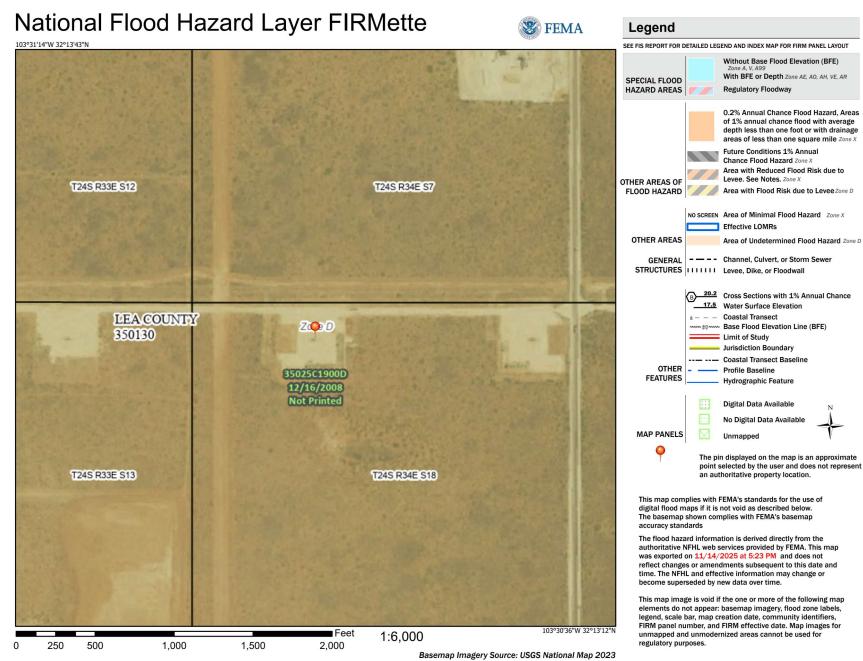
-  Core Management Area
-  Habitat Evaluation



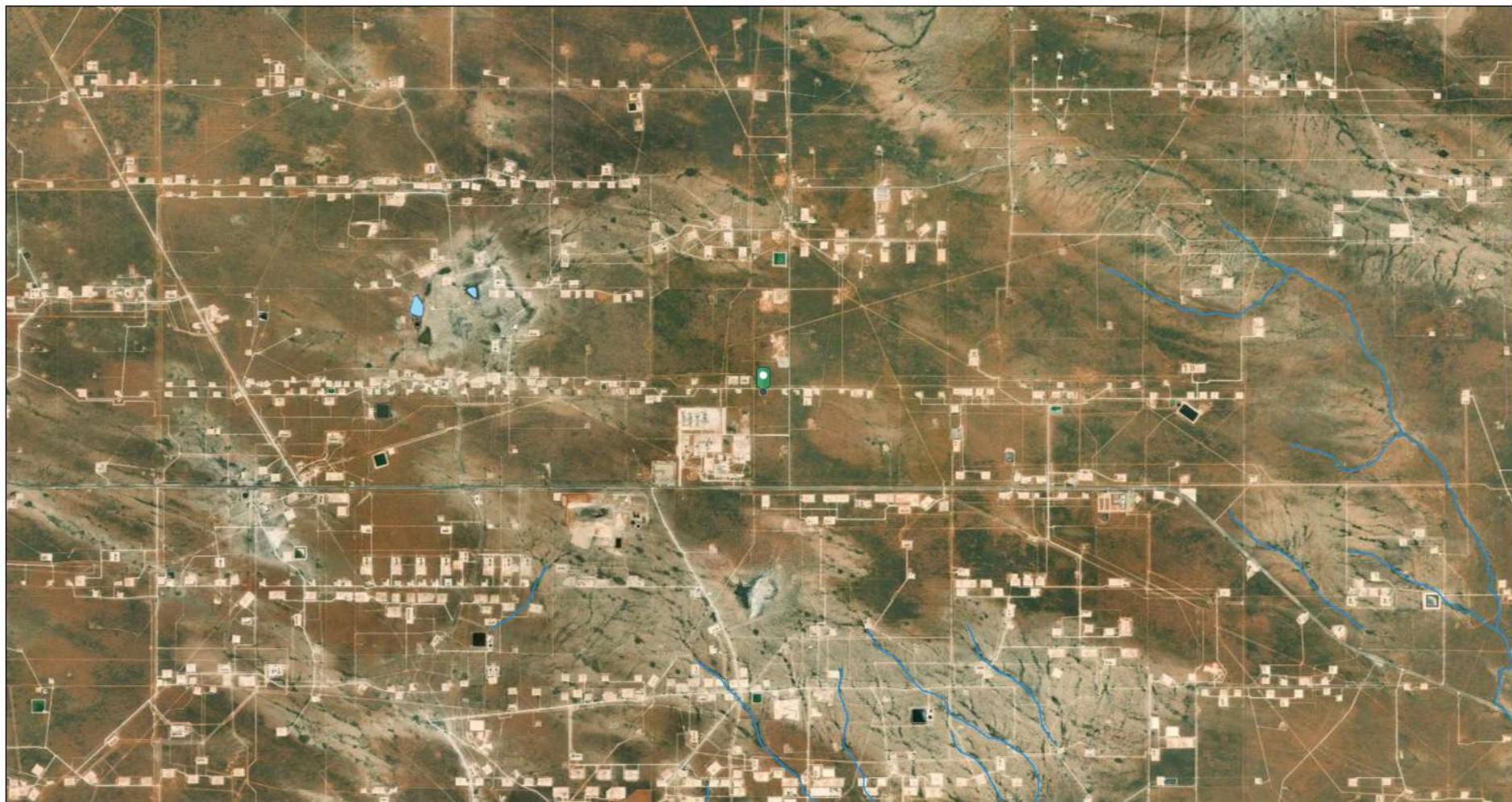
esri

0.6mi

Bureau of Land Management - New Mexico State Office | Vantor

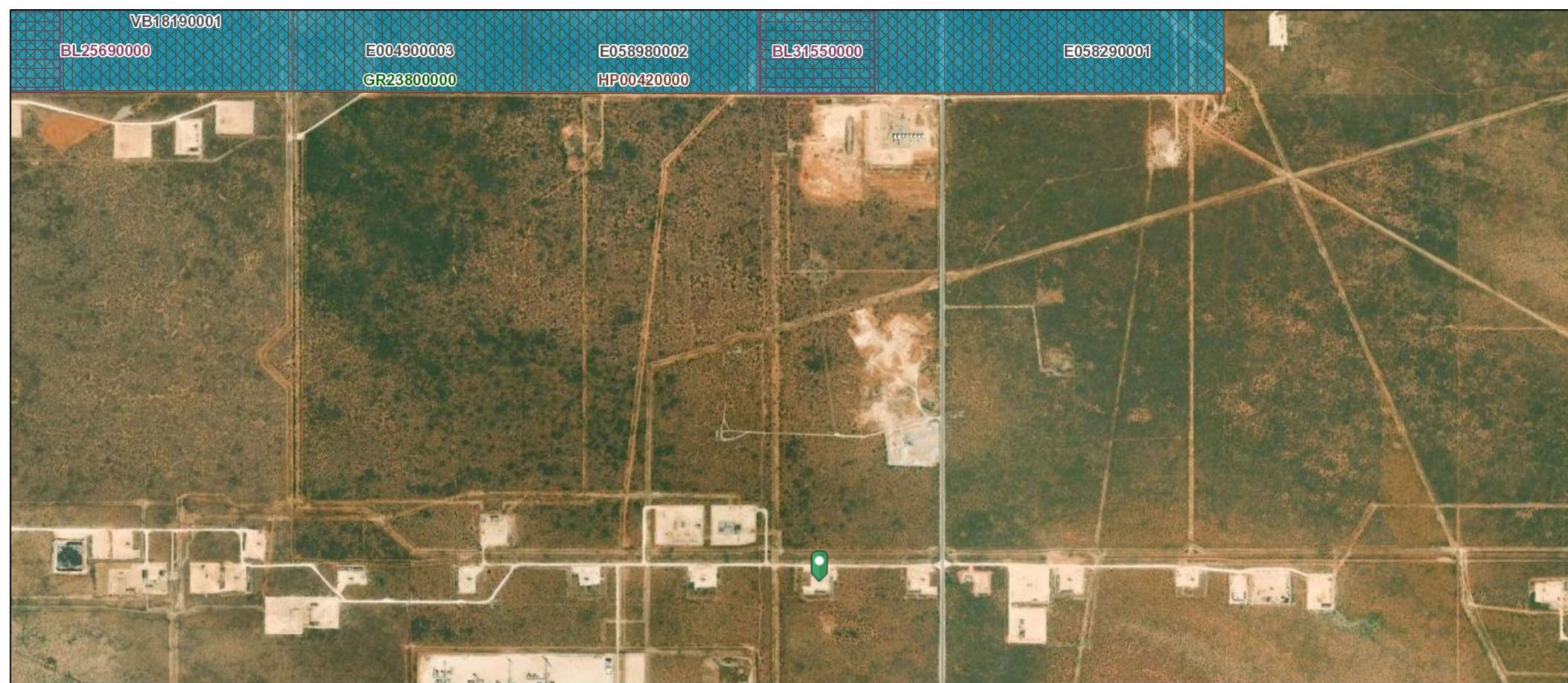


Hydrology



Earthstar Geographics, NM OSE

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



Land Status

0 0.1 0.2 0.4 mi



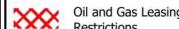
New Mexico State Land Office

Disclaimer:

The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

Map Created: 11/14/2025



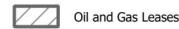
Oil and Gas Leasing
Restrictions



Energy Leases



Agricultural Leases



Oil and Gas Leases

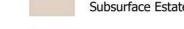


Minerals Leases



Commercial Leases

New Mexico State Trust Lands



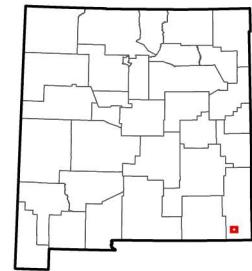
Subsurface Estate



Surface Estate



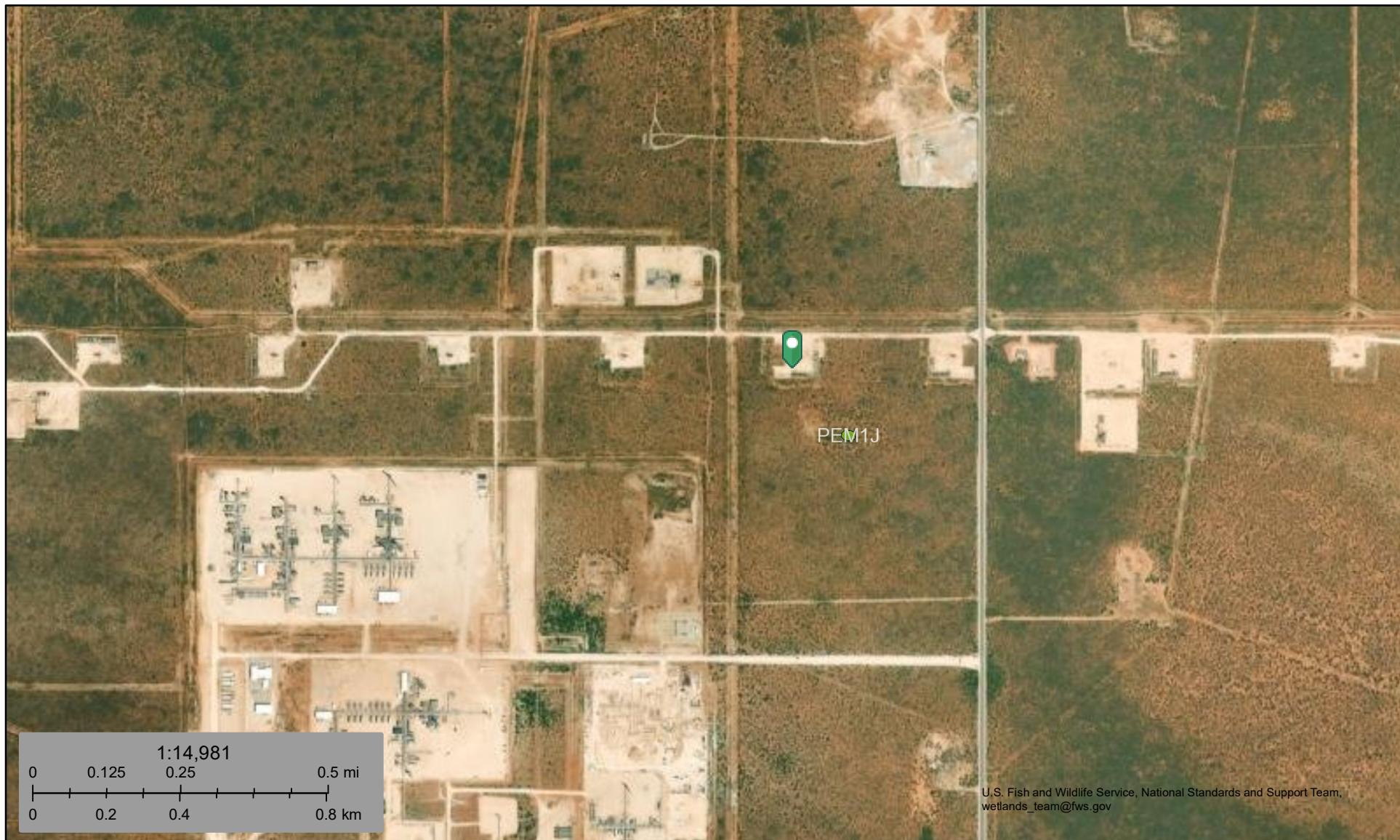
Both Estates





National Wetlands Inventory

National Wetlands



December 9, 2025

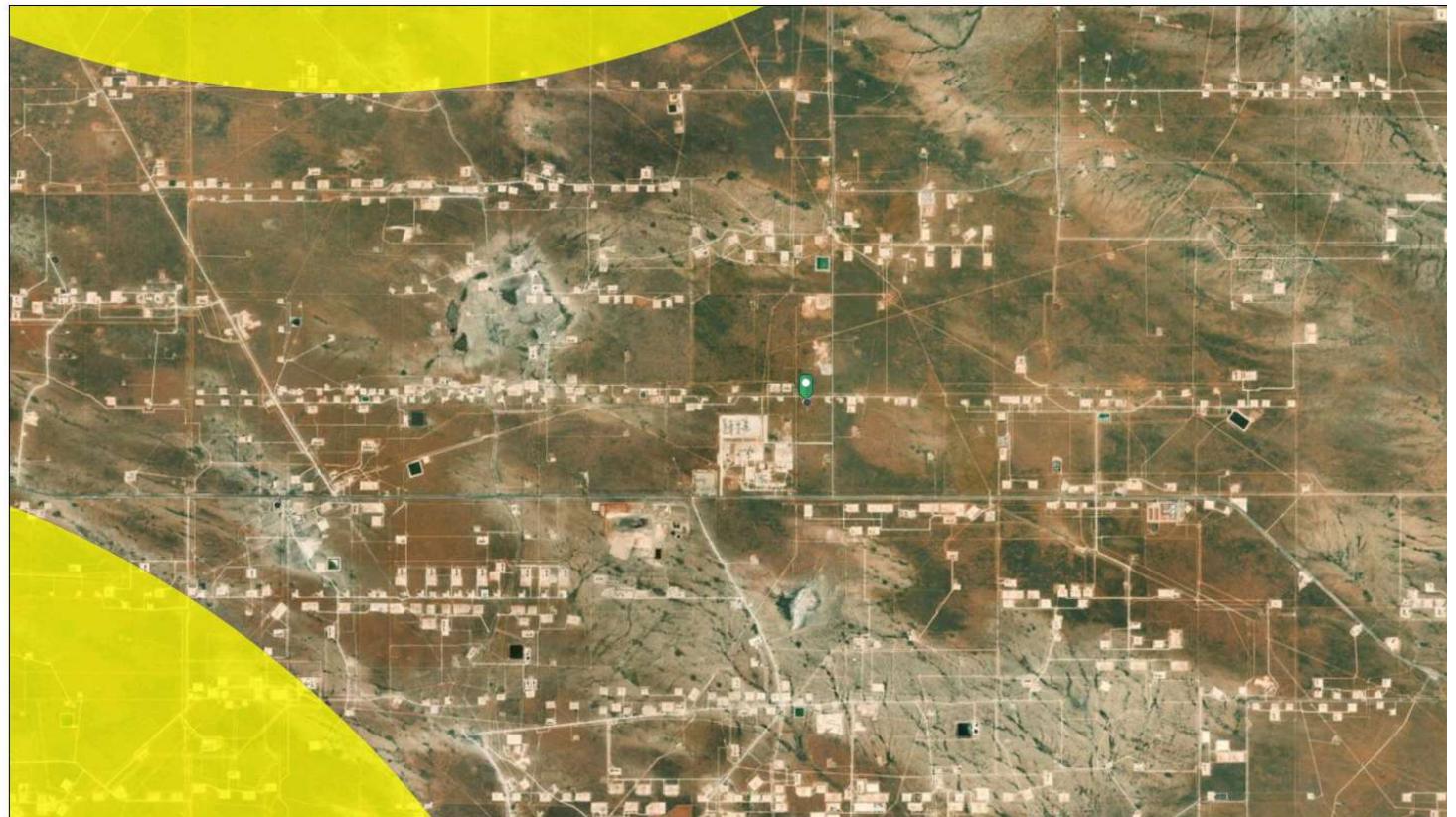
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

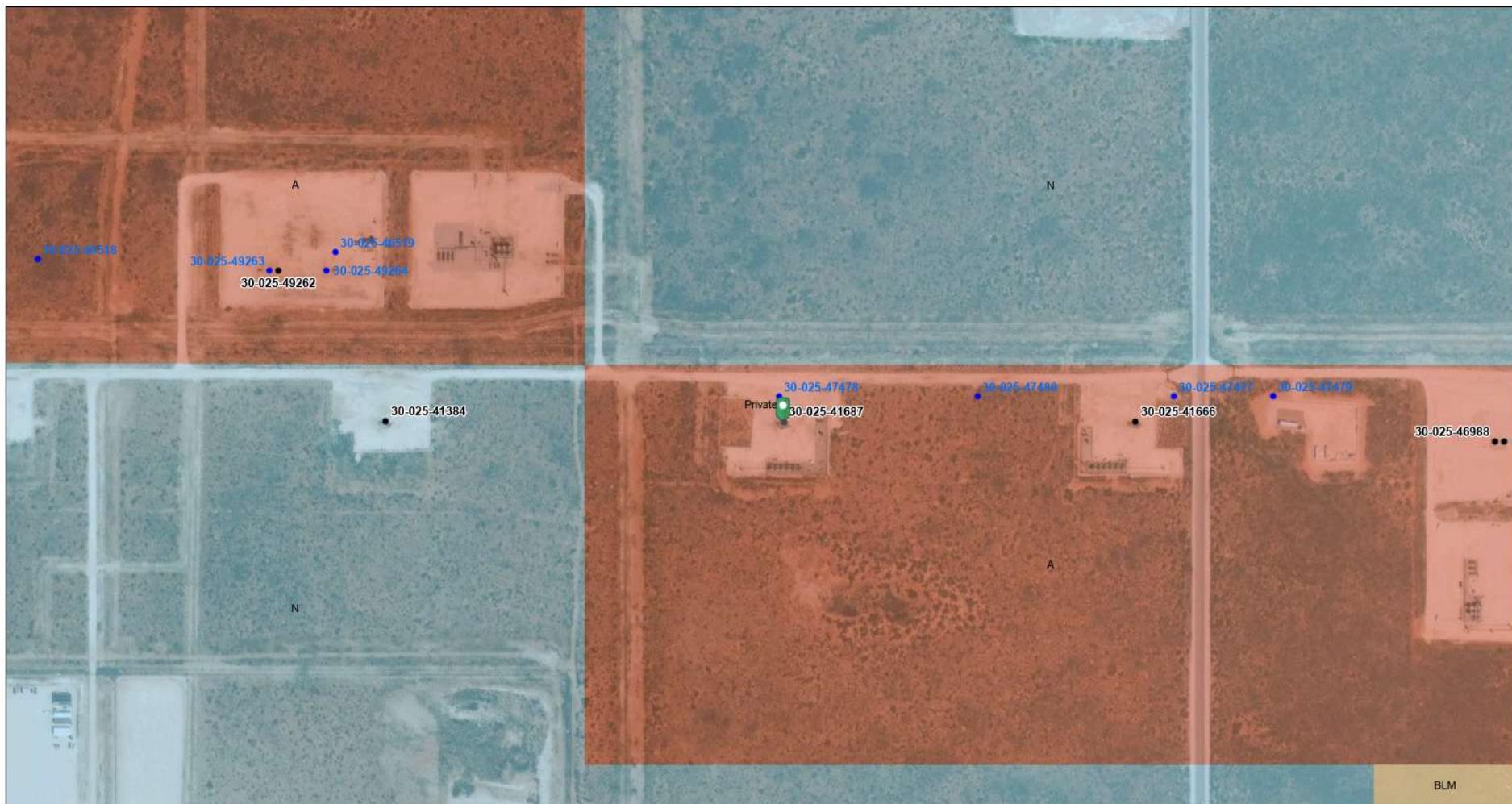
OCD induced seismicity



Oil Conservation Division (OCD), En
Natural Resources Department (E
Geographics)

New Mexico Oil Co
NM OCD Oil and Gas Map, <http://nm-emrrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9fb35ca75>; New Mexico Oil Co

OCD Mineral and Surface Ownership



11/14/2025, 11:13:24 AM

1:4,514

Wells - Large Scale Mineral Ownership

Land Ownership

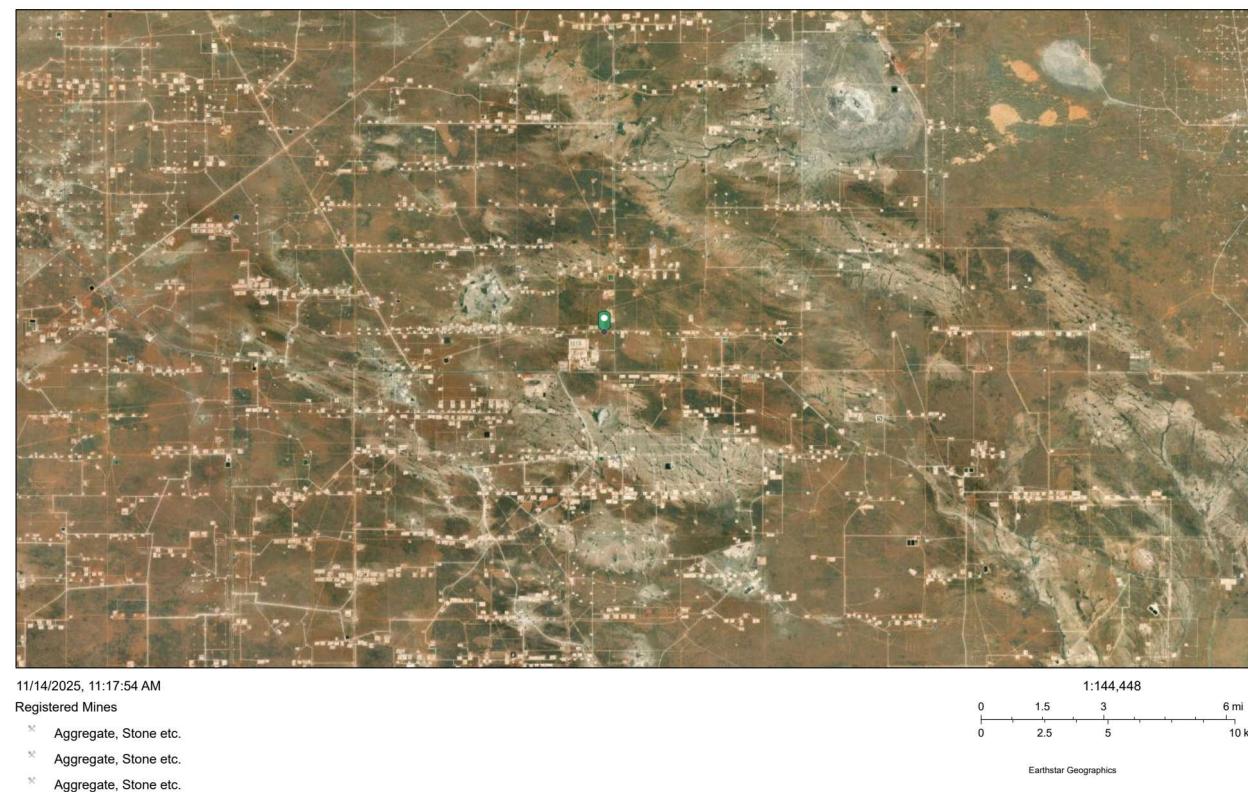
0 0.05 0.1 0.15 0.3 km

0 0.07 0.15

- Oil, Active A-All minerals are owned by U.S.
- Oil, Cancelled N-No minerals are owned by the U.S.
- Oil, New P

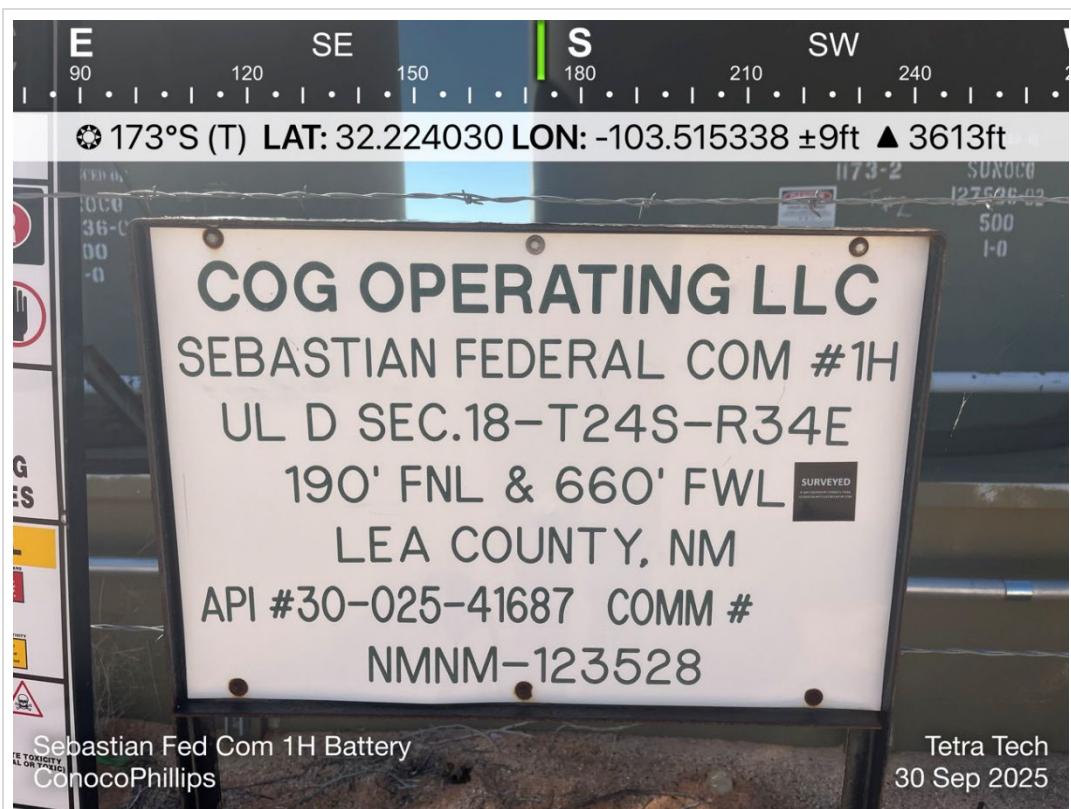
U.S. BLM, VanTor

Registered Mines NM

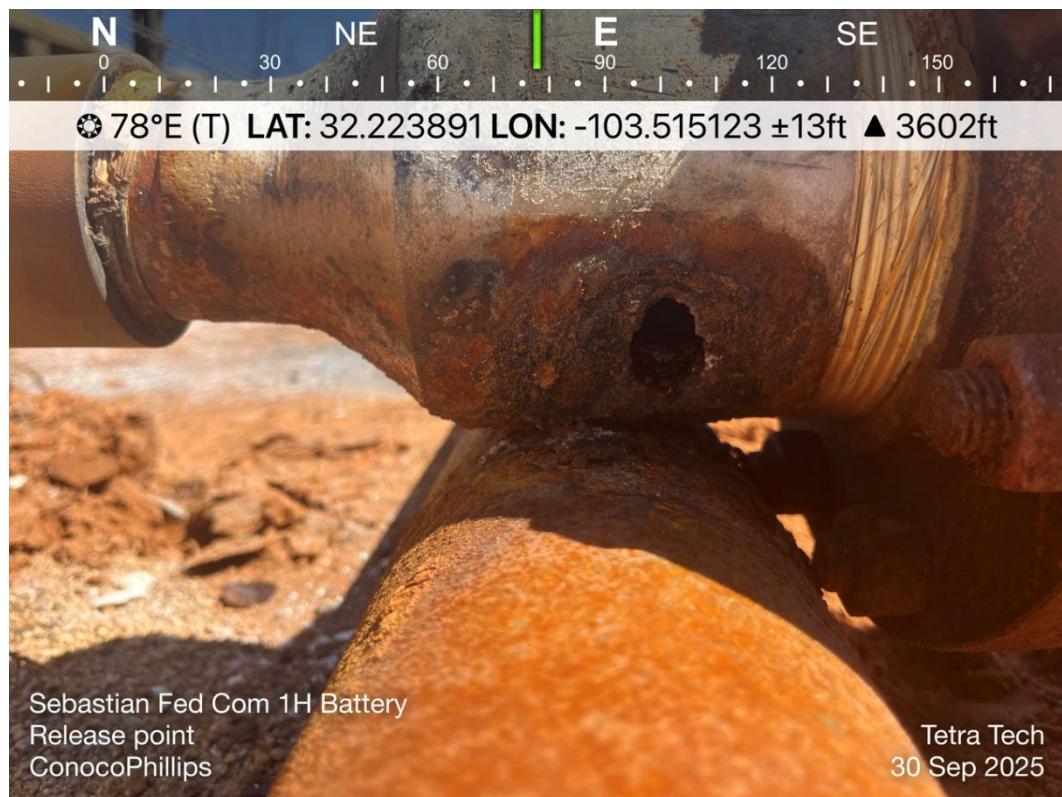


APPENDIX C

Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-0400	DESCRIPTION	View South. View of sign	1
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-0400	DESCRIPTION	View east. View of release point.	2
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



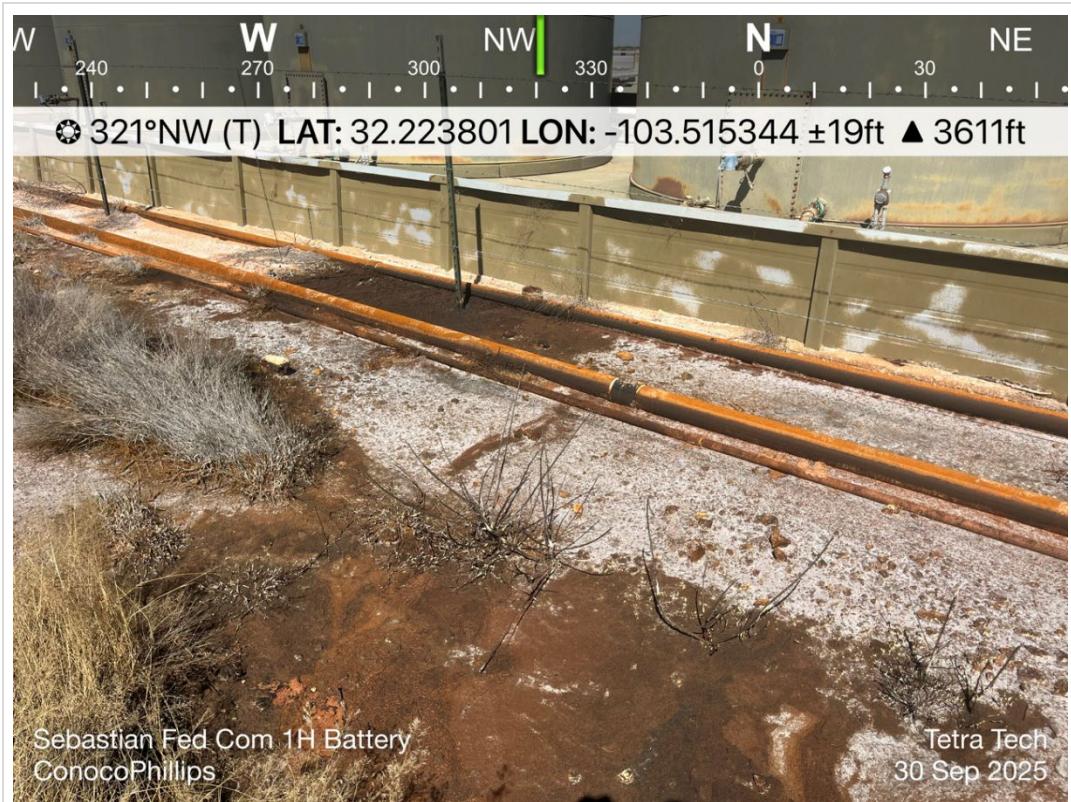
TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View West. View of release extent.	3
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View West. View of release extent. View of steel lines present.	4
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View East. View of release extent. View of steel lines present.	5
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



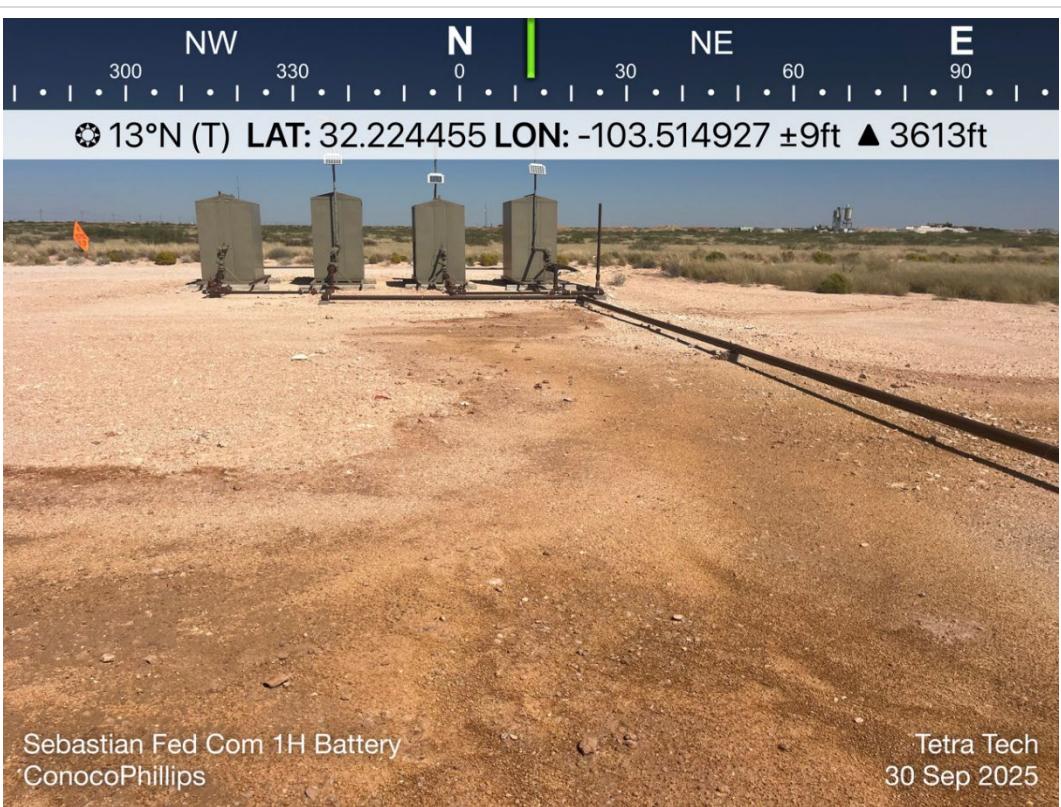
TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View Northwest. View of release extent. View of steel lines present.	6
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



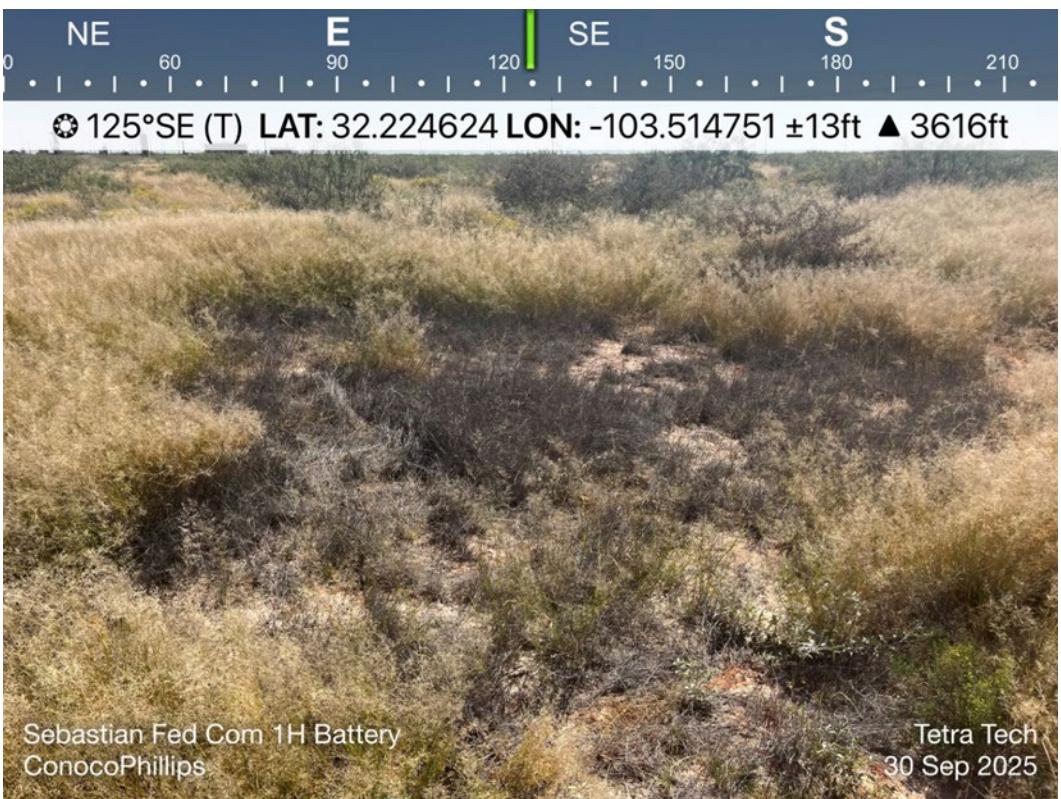
TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View East. View of release extent.	7
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



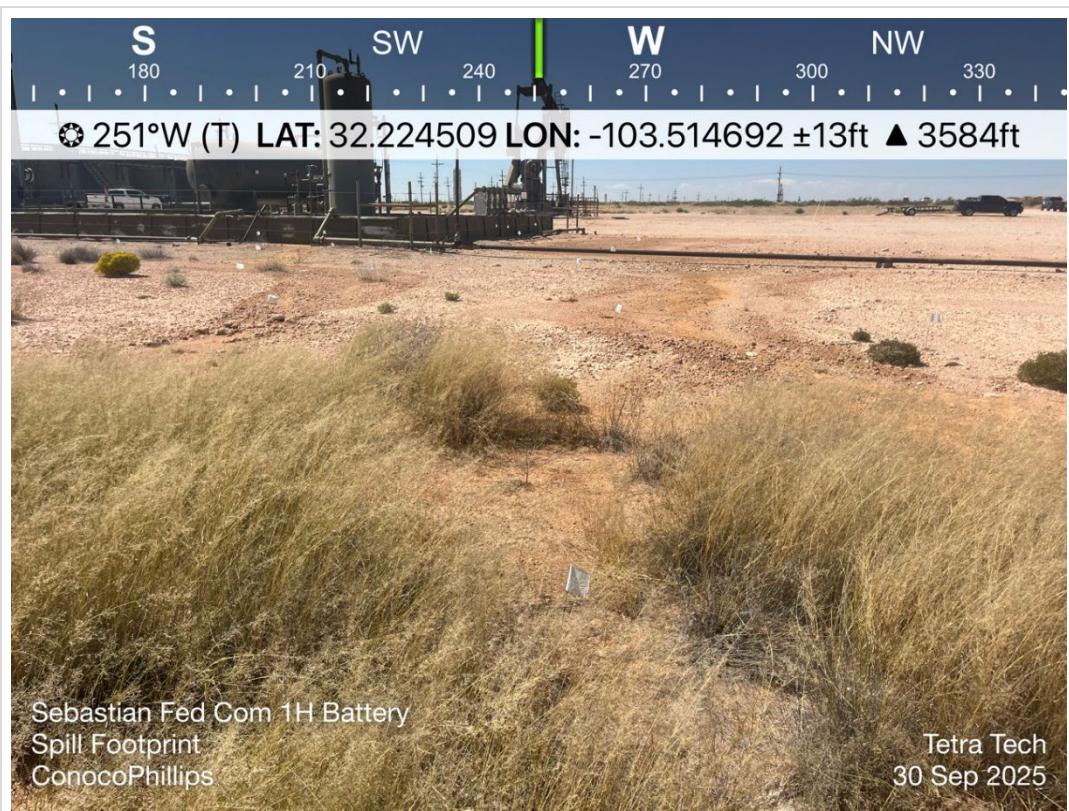
TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View southeast. View of release extent.	8
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View North. View of release extent on pad.	9
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View Southeast. View of release extent.	10
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View West. View of release extent on pad and pasture.	11
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04000	DESCRIPTION	View West. View of subsurface line.	12
	SITE NAME	Sebastian Fed Com 1H Battery Release	9/30/2025

APPENDIX D

Laboratory Analytical Data



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

October 24, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SEBASTIAN FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/17/25 13:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 1 (H256573-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09	
Toluene*		<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83	
Ethylbenzene*		<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97	
Total Xylenes*		<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50	
Total BTEX		<0.300	0.300	10/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		32.0	16.0	10/20/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	217	108	200	6.35	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 2 (H256573-02)

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	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 79.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.0 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 3 (H256573-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 83.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.1 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 4 (H256573-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 82.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.1 % 39.9-141

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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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 5 (H256573-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 71.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.3 % 39.9-141

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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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 6 (H256573-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 67.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 67.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 7 (H256573-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 83.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 8 (H256573-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 77.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.2 % 39.9-141

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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 9 (H256573-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 70.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 10 (H256573-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 73.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 11 (H256573-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 84.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.4 % 39.9-141

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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 12 (H256573-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 80.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 13 (H256573-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6670	16.0	10/20/2025	ND	432	108	400	0.00		
TPH 8015M										

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68	
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35	
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 14 (H256573-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6240	16.0	10/20/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	26.7	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	19.7	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 90.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 15 (0-1') (H256573-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4920	16.0	10/20/2025	ND	448	112	400	3.64	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	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	20.2	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 76.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.5 % 39.9-141

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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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 15 (2'-3') (H256573-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09	
Toluene*		<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83	
Ethylbenzene*		<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97	
Total Xylenes*		<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50	
Total BTEX		<0.300	0.300	10/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		7680	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68	
DRO >C10-C28*		31.6	10.0	10/20/2025	ND	217	108	200	6.35	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 16 (0-1') (H256573-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09	
Toluene*		<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83	
Ethylbenzene*		<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97	
Total Xylenes*		<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50	
Total BTEX		<0.300	0.300	10/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		5320	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	217	108	200	6.35	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 78.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 16 (2'-3') (H256573-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9760	16.0	10/20/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 80.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 16 (3'-3.5') (H256573-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6000	16.0	10/20/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 79.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 17 (0-1') (H256573-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2025	ND	1.78	89.1	2.00	5.09		
Toluene*	<0.050	0.050	10/23/2025	ND	1.78	88.8	2.00	5.83		
Ethylbenzene*	<0.050	0.050	10/23/2025	ND	1.83	91.6	2.00	4.97		
Total Xylenes*	<0.150	0.150	10/23/2025	ND	5.50	91.6	6.00	4.50		
Total BTEX	<0.300	0.300	10/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1870	16.0	10/20/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2025	ND	192	95.8	200	7.68		
DRO >C10-C28*	<10.0	10.0	10/20/2025	ND	217	108	200	6.35		
EXT DRO >C28-C36	<10.0	10.0	10/20/2025	ND						

Surrogate: 1-Chlorooctane 76.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 17 (2'-3') (H256573-21)

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	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		3960	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 18 (0-1') (H256573-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		32.0	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 18 (1'-2') (H256573-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		32.0	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 83.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.2 % 39.9-141

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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 19 (0-1') (H256573-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		128	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 19 (2'-3') (H256573-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		1360	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 82.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 20 (0-1') (H256573-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		16.0	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 20 (1'-2') (H256573-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		16.0	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 21 (0-1') (H256573-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		7680	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 80.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 21 (2'-3') (H256573-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		1260	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 84.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 22 (0-1') (H256573-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		1680	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 79.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 22 (2'-3') (H256573-31)

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	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		160	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 23 (0-1') (H256573-32)

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	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		7200	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.3 % 39.9-141

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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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 23 (2'-3') (H256573-33)

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	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		2400	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.8 % 39.9-141

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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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 24 (0-1') (H256573-34)

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	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		4000	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 85.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.7 % 39.9-141

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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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/17/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: AH - 24 (2'-3') (H256573-35)

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	10/21/2025	ND	2.15	107	2.00	1.43	
Toluene*		<0.050	0.050	10/21/2025	ND	2.09	105	2.00	1.26	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.13	107	2.00	0.723	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.55	109	6.00	0.517	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		5520	16.0	10/20/2025	ND	432	108	400	3.77	QM-07

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	2.87	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	195	97.5	200	9.37	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink that reads "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 1 of 4

		ANALYSIS REQUEST													
		BILL TO													
Company Name:	Tetra Tech - Conoco Phillips		P.O. #:												
Project Manager:	Lisbeth Chavira		Company:	Tetra Tech											
Address:			Attn:	Lisbeth Chavira											
City:			Address:												
State:			City:												
Zip:			State:												
Phone #:			Zip:												
Fax #:			Phone #:												
Project #:	212C-MD-04000		Project Owner:												
Project Name:	Sebastian Fed Com IH Battery														
Project Location:	Lea Co, NM														
Sampler Name:	Andrew Garcia														
FOR LAB USE ONLY															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING							
HASUS73									GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE
1	AH-1			X											
2	AH-2			X											
3	AH-3			X											
4	AH-4			X											
5	AH-5			X											
6	AH-6			X											
7	AH-7			X											
8	AH-8			X											
9	AH-9			X											
10	AH-10			X											
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Received By:	Andrew Garcia		RElinquished By:	Lisbeth Chavira		REMARKS:	NO labels - 8/10/17								
Date:	10/17/25		Received By:	Lisbeth Chavira		REMARKS:	Andrew Garcia								
Time:	1335		Received By:	Lisbeth Chavira		REMARKS:	Andrew Garcia								
Date:			Received By:			REMARKS:									
Delivered By: (Circle One)		Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)		Turnaround Time:	Standard	<input checked="" type="checkbox"/>	Bacteria (only)	Sample Condition					
Sampler - UPS - Bus - Other:		Corrected Temp. °C	Cool Intact			Rush	<input type="checkbox"/>	Cool	Intact	Observed Temp. °C					
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes	<input type="checkbox"/>	Yes			
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	No			
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	No			
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Corrected Temp. °C					



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 4

Company Name: Terra Tech - Laredo Phillips		BILL TO		ANALYSIS REQUEST	
Project Manager: Lisbeth Chavira	Address:	State:	Zip:	Company: Terra Tech	P.O. #:
City:	Phone #:	Fax #:	Attn: Lisbeth Chavira	Address:	City:
Project #: 212C-MD-04000	Project Owner:	State:	Zip:	Phone #:	Fax #:
Project Location: Sebastican Field Com IH Battery	Lea Co, NM				
Sampler Name: Andrew Garcia	FOR LAB USE ONLY				
Lab I.D.	Sample I.D.	MATRIX	PRESERV.	SAMPLING	
HSIEST3	(G)RAB OR (C)OMP.	# CONTAINERS			
11	AH-11	GROUNDWATER			
12	AH-12	WASTEWATER			
13	AH-13	SOIL			
14	AH-14	OIL			
15	AH-15 (0-1')	SLUDGE			
16	AH-15 (2'-3')	OTHER:			
17	AH-16 (0-1')	ACID/BASE:			
18	AH-16 (2'-3')	ICE / COOL			
19	AH-16 (3'-3.5')	OTHER:			
20	AH-17 (0-1')				
Date: 10/17/25 Received By: Andrew Garcia		2025	TIME	TPH	
Time: 1335 Relinquished By:		10/15	0900	X	
Date:		0905		X	
Time:		0710		X	
Received By:		0715			
REMARKS: Andrew Garcia		0920			
Delivered By: (Circle One)		Observed Temp. °C <input checked="" type="checkbox"/> 0.0 <input type="checkbox"/> Cool <input type="checkbox"/> Intact	Sample Condition (Initials)	CHECKED BY: Lisbeth Chavira	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:		Corrected Temp. °C <input checked="" type="checkbox"/> 0.9 <input type="checkbox"/> Yes <input type="checkbox"/> No			Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
					Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
					Thermometer ID #140 <input type="checkbox"/> Yes <input type="checkbox"/> No
					Correction Factor -0.3°C <input type="checkbox"/> Yes <input type="checkbox"/> No
					Corrected Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No

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Verbal: Yes No Add1 Phone #: NO labels! - SP1017

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 3 of 4

Company Name: Tetra Tech - Conoco Phillips		BILL TO		ANALYSIS REQUEST	
Project Manager: Lisbeth Chavira		P.O. #:		Company: Tetra Tech	
Address:		City:	State:	Attn: Lisbeth Chavira	Address:
Phone #:		Fax #:	Zip:	City:	
Project #: 2120-MD-04000		Project Owner:		State:	Zip:
Project Name: Sebastian Feed Com 1H Battery				Phone #:	
Project Location: Lea Co, NM				Fax #:	
Sampler Name: Andrew Garcia					
FOR LAB USE ONLY					

Lab I.D.

Sample I.D.

MATRIX

PRESERV.

SAMPLING

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	TPT	BTEX	Chloride
HSLES73																	
21	AH-17 (2'-3')	C	1										10/15	1005	X	X	
22	AH-18 (0-1')	C	1										10/10	1015			
23	AH-18 (1-2')	C	1										10/20				
24	AH-19 (0-1')	C	1										10/30				
25	AH-19 (2'-3')	C	1										10/45				
26	AH-20 (0-1')	C	1										11/06				
27	AH-20 (1'-2')	C	1										11/10				
28	AH-21 (0-1')	C	1										11/20				
29	AH-21 (2'-3')	C	1										11/30				
30	AH-22 (0-1')	C	1														

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Verbal Request: Yes No Add'l Phone #: NO LABELS! - 8210117

All Results are emailed. Please provide E-mail address:

Received By: Andrew Garcia
Date: 10/17/25 Time: 1335 Received By: Rodriguez
Time: *Spock Rodriguez*

REMARKS:

Andrew Garcia

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard	Rush	Bacteria (only)	Sample Condition
Sampler - UPS - Bus - Other:	0.60	Cool Intact			<input type="checkbox"/>	Cool	Intact
	0.94	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/>	Yes	Yes
	No	<input type="checkbox"/> No			<input type="checkbox"/>	No	No
						Corrected Temp. °C	Correlation Factor: +0.3°C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 4 of 4

Company Name: Tetra Tech - Colorado Phillips		BILL TO		ANALYSIS REQUEST	
Project Manager: Lisbeth Chavira	Address:	City:	State:	Zip:	
Phone #:		Fax #:			
Project #: 212C-MD-04000	Project Owner:	City:	State:	Zip:	
Project Location: Sebastian Field Com 1H Battery	Phone #:	Phone #:			
Sampler Name: Andrew Garcia	Fax #:				
FOR LAB USE ONLY					

Lab I.D.	Sample I.D.	MATRIX	PRESERV.	SAMPLING
1050573	(G)RAB OR (C)OMP.	# CONTAINERS		
31	GROUNDWATER			
32	WASTEWATER			
33	SOIL			
34	OIL			
35	SLUDGE			
	OTHER:			
	ACID/BASE:			
	ICE / COOL			
	OTHER:			

	DATE	TIME	
AH - 22 (2'-3')	10/15	1145	X
AH - 23 (0-1')	1200		X
AH - 23 (2'-3')	1215		X
AH - 24 (0-1')	1230		X
AH - 24 (2'-3')	1245		X

TPH
BTEX
Chloride

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Verbal Result: Yes No Add'l Phone #: **NO LABELS! -8P 10/17**

All Results are emailed. Please provide Email address:

Relinquished By:

Andrew Garcia

Date: 10/17/25

Time: 3:35

Received By:

Lisbeth Chavira

Date: 10/17/25

Time: 3:35

Received By:

Andrew Garcia

Date: 10/17/25

Time: 3:35

Received By:

Lisbeth Chavira

Date: 10/17/25

Time: 3:35

Received By:

Andrew Garcia

Date: 10/17/25

Time: 3:35

Received By:



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

October 23, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SEBASTIAN FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/17/25 13:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/17/2025 Sampling Date: 10/16/2025
 Reported: 10/23/2025 Sampling Type: Soil
 Project Name: SEBASTIAN FED COM 1H BATTERY Sampling Condition: Cool & Intact
 Project Number: 212C-MD-04000 Sample Received By: Shalyn Rodriguez
 Project Location: LEA COUNTY, NM

Sample ID: AH - 19 (1'-2') (H256572-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/21/2025	ND	2.07	103	2.00	1.15	
Toluene*		<0.050	0.050	10/21/2025	ND	2.08	104	2.00	0.690	
Ethylbenzene*		<0.050	0.050	10/21/2025	ND	2.10	105	2.00	0.166	
Total Xylenes*		<0.150	0.150	10/21/2025	ND	6.23	104	6.00	0.103	
Total BTEX		<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		2760	16.0	10/20/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/20/2025	ND	216	108	200	6.94	
DRO >C10-C28*		<10.0	10.0	10/20/2025	ND	198	99.0	200	6.64	
EXT DRO >C28-C36		<10.0	10.0	10/20/2025	ND					

Surrogate: 1-Chlorooctane 94.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink that reads "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 1 of 1

Company Name: Tetra Tech - Londo Phillips		BILL TO		ANALYSIS REQUEST		
Project Manager: Lisbeth Chevira		P.O. #:				
Address:		Company:	Tetra Tech			
City:		State:		Zip:		
Phone #:		Fax #:				
Project #: 212C-MD-04000	Project Owner:					
Project Name: Seconitan Feed Com IH Battery						
Project Location: Lea Co, NM						
Sampler Name: Andrew Garcia						
FOR LAB USE ONLY						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING
10109	ATH-19 (11-2)	C				
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Relinquished By: Andrew Garcia	Date: 10/17/25	Received By: Shadell Orme	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:		
Relinquished By:	Date: 10/17/25	Received By: Andrew Garcia	All Results are emailed. Please provide Email address: NO LABEL! 8810117			
Delivered By: (Circle One)	Observed Temp. °C 0.0	Sample Condition	CHECKED BY: Lisbeth Chevira	Turnaround Time: Standard	Bacteria (only) Sample Condition	
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.9	Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	Rush <input type="checkbox"/>	Cool <input type="checkbox"/> Yes <input type="checkbox"/> Yes	Infact <input type="checkbox"/> Yes <input type="checkbox"/> Yes
		No <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Observed Temp. °C	
		No <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Correction Factor: +0.3°C	
					Corrected Temp. °C	

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



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

November 21, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SEBASTIAN FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/17/25 16:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 11/17/2025 Sampling Date: 11/17/2025
 Reported: 11/21/2025 Sampling Type: Soil
 Project Name: SEBASTIAN FED COM 1H BATTERY Sampling Condition: Cool & Intact
 Project Number: 212C-MD-04000 Sample Received By: Alyssa Parras
 Project Location: LEA COUNTY, NM

Sample ID: T - 1 (3'-4') (H257232-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	1.97	98.4	2.00	1.16		
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	0.883		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.24	112	2.00	1.02		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.91	115	6.00	1.22		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/18/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	184	91.8	200	0.651		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	173	86.5	200	1.63		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 77.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 1 (5'-6') (H257232-02)

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	11/20/2025	ND	1.97	98.4	2.00	1.16		
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	0.883		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.24	112	2.00	1.02		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.91	115	6.00	1.22		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/18/2025	ND	432	108	400	0.00		
TPH 8015M										

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	184	91.8	200	0.651	
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	173	86.5	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND					

Surrogate: 1-Chlorooctane 77.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 2 (3'-4') (H257232-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	1.97	98.4	2.00	1.16		
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	0.883		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.24	112	2.00	1.02		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.91	115	6.00	1.22		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/18/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	184	91.8	200	0.651		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	173	86.5	200	1.63		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 73.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 2 (5'-6') (H257232-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	1.97	98.4	2.00	1.16		
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	0.883		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.24	112	2.00	1.02		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.91	115	6.00	1.22		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/18/2025	ND	432	108	400	0.00		
TPH 8015M										

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	184	91.8	200	0.651	
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	173	86.5	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND					

Surrogate: 1-Chlorooctane 77.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 3 (3'-4') (H257232-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2025	ND	1.96	98.1	2.00	3.95		
Toluene*	<0.050	0.050	11/21/2025	ND	2.03	102	2.00	2.97		
Ethylbenzene*	<0.050	0.050	11/21/2025	ND	1.97	98.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	11/21/2025	ND	5.92	98.6	6.00	7.03		
Total BTEX	<0.300	0.300	11/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2930	16.0	11/18/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	184	91.8	200	0.651		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	173	86.5	200	1.63		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 79.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 3 (5'-6') (H257232-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2025	ND	1.96	98.1	2.00	3.95		
Toluene*	<0.050	0.050	11/21/2025	ND	2.03	102	2.00	2.97		
Ethylbenzene*	<0.050	0.050	11/21/2025	ND	1.97	98.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	11/21/2025	ND	5.92	98.6	6.00	7.03		
Total BTEX	<0.300	0.300	11/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1570	16.0	11/18/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	187	93.4	200	1.06		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	193	96.5	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 82.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.0 % 39.9-141

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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
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 4 (3'-4') (H257232-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2025	ND	1.96	98.1	2.00	3.95		
Toluene*	<0.050	0.050	11/21/2025	ND	2.03	102	2.00	2.97		
Ethylbenzene*	<0.050	0.050	11/21/2025	ND	1.97	98.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	11/21/2025	ND	5.92	98.6	6.00	7.03		
Total BTEX	<0.300	0.300	11/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	11/18/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	187	93.4	200	1.06		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	193	96.5	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 84.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 4 (5'-6') (H257232-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2025	ND	1.96	98.1	2.00	3.95		
Toluene*	<0.050	0.050	11/21/2025	ND	2.03	102	2.00	2.97		
Ethylbenzene*	<0.050	0.050	11/21/2025	ND	1.97	98.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	11/21/2025	ND	5.92	98.6	6.00	7.03		
Total BTEX	<0.300	0.300	11/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/18/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	187	93.4	200	1.06		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	193	96.5	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 87.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 5 (3'-4') (H257232-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2025	ND	1.96	98.1	2.00	3.95		
Toluene*	<0.050	0.050	11/21/2025	ND	2.03	102	2.00	2.97		
Ethylbenzene*	<0.050	0.050	11/21/2025	ND	1.97	98.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	11/21/2025	ND	5.92	98.6	6.00	7.03		
Total BTEX	<0.300	0.300	11/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8660	16.0	11/18/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	187	93.4	200	1.06		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	193	96.5	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 86.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 5 (5'-6') (H257232-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2025	ND	1.96	98.1	2.00	3.95		
Toluene*	<0.050	0.050	11/21/2025	ND	2.03	102	2.00	2.97		
Ethylbenzene*	<0.050	0.050	11/21/2025	ND	1.97	98.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	11/21/2025	ND	5.92	98.6	6.00	7.03		
Total BTEX	<0.300	0.300	11/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	11/18/2025	ND	432	108	400	0.00		
TPH 8015M										

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	11/18/2025	ND	187	93.4	200	1.06		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	193	96.5	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 86.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.9 % 39.9-141

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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/17/2025
Reported:	11/21/2025	Sampling Type:	Soil
Project Name:	SEBASTIAN FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04000	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: T - 5 (6'-7') (H257232-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2025	ND	1.96	98.1	2.00	3.95		
Toluene*	<0.050	0.050	11/21/2025	ND	2.03	102	2.00	2.97		
Ethylbenzene*	<0.050	0.050	11/21/2025	ND	1.97	98.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	11/21/2025	ND	5.92	98.6	6.00	7.03		
Total BTEX	<0.300	0.300	11/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	11/18/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/18/2025	ND	187	93.4	200	1.06		
DRO >C10-C28*	<10.0	10.0	11/18/2025	ND	193	96.5	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	11/18/2025	ND						

Surrogate: 1-Chlorooctane 85.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.0 % 39.9-141

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager


CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

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

 Project Manager: **Tecta Tech - Conoco Phillips**

 Address: **Lisbeth Chevira**

 City: **Lea Co, NM**

 State: **Zip:**

 Phone #: **Fax #:**

 Project #: **212C-MD-04000** Project Owner:

 Project Name: **Substation Field Com 1H Battery**

 Project Location: **Lea Co, NM**

 Sampler Name: **Andrew Garcia**

FOR LAB USE ONLY

BILL TO
ANALYSIS REQUEST

P.O. #:

 Company: **Tecta Tech**

 Attn: **Lisbeth Chevira**

Address:

 City: **Lea Co, NM**

 State: **Zip:**

 Phone #: **Fax #:**

 Matrix: **TPH R**
BTEX
Chloride
SAMPLE ID.
Sample I.D.

 (G)RAB OR (C)OMP.
 # CONTAINERS

 GROUNDWATER
 WASTEWATER
 SOIL
 OIL
 SLUDGE
 OTHER:

 ACID/BASE:
 ICE / COOL
 OTHER:

 DATE: **2025**
 TIME: **11/17**

 TPH R
 BTEX
 Chloride

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 Received by: **Andrew Garcia**

 Relinquished By: **Andrew Garcia**
 Received By: **Andrew Garcia**

 Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

Lisbeth.Chevira

REMARKS:

Andrew Garcia

Delivered By: (Circle One)

Observed Temp. °C

13°

Sample Condition

Cool

Intact

Standard

Rush

Sample Condition

Bacteria (only)

Sample Condition

Observed Temp. °C

Correction Factor

+0.3°C

Yes

No

Yes



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Please email changes to kaena@cardinalhansen.com

Released to Imaging: 12/29/2025 4:24:09 PM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 537018

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 537018
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2527449031
Incident Name	NAPP2527449031 SEBASTIAN FED COM 1H @ FAPP2203934150
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2203934150] Sebastian Fed Com 1H Battery

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SEBASTIAN FED COM 1H
Date Release Discovered	09/27/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 9 BBL Recovered: 5 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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QUESTIONS, Page 2

Action 537018

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

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 537018
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 12/23/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

QUESTIONS, Page 3

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

Action 537018

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 537018
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 300 and 500 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	7680
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	46.4
GRO+DRO (EPA SW-846 Method 8015M)	31.6
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	04/01/2026
On what date will (or did) the final sampling or liner inspection occur	04/03/2026
On what date will (or was) the remediation complete(d)	04/08/2026
What is the estimated surface area (in square feet) that will be reclaimed	6260
What is the estimated volume (in cubic yards) that will be reclaimed	733
What is the estimated surface area (in square feet) that will be remediated	6260
What is the estimated volume (in cubic yards) that will be remediated	733
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 537018

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 537018
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fJEG1635837366 OWL LANDFILL JAL
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the off-site disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 12/23/2025
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 537018

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 537018
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
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QUESTIONS, Page 6

Action 537018

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 537018
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 537018

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 537018
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved with the following conditions:	12/29/2025
scwells	1) OCD will not approve a set number of samples as shown in Figure 5, as the size of the remediation excavation will dictate the number of confirmation samples that must be collected, and site conditions may change during remediation activities. Confirmation/final samples must be collected from the base and sidewalls of the excavations. Confirmation/final samples must be 5-point composite samples representative of no more than 400 square feet from the base and no more than 200 square feet from the sidewalls.	12/29/2025
scwells	2) According to the National Wetlands Inventory Mapper, there is a freshwater emergent wetland (also known as a playa lake) located ~360 feet southeast of release. When the remediation closure or deferral request is submitted to OCD Permitting, update the distance to "Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)" under the Site Characterization portion of the C-141 application to reflect the correct minimum distance.	12/29/2025
scwells	Submit remediation closure report to the OCD by 3/30/2026.	12/29/2025