

## SITE INFORMATION

### Report Type: Work Plan nAPP2516151980

#### General Site Information:

Site:	Smoking to Galaxy Transfer Line Release					
Company:	EOG Resources					
Section, Township and Range	Unit A	Sec. 18	T 24S	R 33E		
Lease Number:						
County:	Lea County					
GPS:	32.224564°			-103.604925°		
Surface Owner:	State					
Mineral Owner:						
Directions:	From intersection 128 and Diamond Rd, head west on 128 for 1.64 miles. Turn right (North) on lease road and follow for 1.04 miles. Site is on the road and on the east side of the road.					

#### Release Data:

Date Released:	6/9/2025
Type Release:	Reuse Water
Source of Contamination:	Transfer Line
Fluid Released:	510 bbl water
Fluids Recovered:	370 bbl water

#### Official Communication:

Name:	Todd Wells		Clair Gonzales
Company:	EOG Resources		Tetra Tech
Address:	5509 Champions Dr.		901 W. Wall St.
			Ste 100
City:	Midland, Texas, 79706		Midland, Texas, 79701
Phone number:	(432) 686-3613		(432) 682-4559
Fax:			
Email:	<a href="mailto:Todd_Wells@eogresources.com">Todd_Wells@eogresources.com</a>		<a href="mailto:clair.gonzales@tetrattech.com">clair.gonzales@tetrattech.com</a>

#### Site Characterization

Depth to Groundwater:	97.37'
Karst Potential:	Low

#### Recommended Remedial Action Levels (RRALs)

Benzene	Total BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	Chlorides
10 mg/kg	50 mg/kg	100 mg/kg	100 mg/kg	600 mg/kg



January 9, 2026

New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**RE: Remediation Work Plan  
EOG Resources  
Smoking to Galaxy Transfer Line Release  
Lea County, New Mexico  
nAPP2516151980**

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the Smoking to Galaxy Transfer Line (Smoking to Galaxy), Unit A, Section 18, Township 24 South, Range 33 East, Lea County, New Mexico (Site). The spill site coordinates are 32.224564°, -103.604925°. The site location is shown on **Figures 1 and 2**.

## Background

According to the State of New Mexico C-141 Initial Report, the release at the Site was caused by equipment failure, causing the release of 510 bbls of produced water. Approximately 370 bbls of fluids were recovered. The release impacted an area measuring approximately 633 feet (ft) in length, with widths varying from 18 ft to 133 ft. On June 9, 2025, the release was discovered. Following discovery, the release was reported to the New Mexico Oil Conservation Division (NMOCD). The C-141 is shown in **Appendix A**.

## Site Characterization

### Significant Water Features

According to the NFHL (National Flood Hazard Layer) Flood Data Application and the USGS (United States Geological Survey) National Water Information System Mapper, there were no watercourses, lakebeds, sinkholes, playa lakes, springs, wetlands, subsurface mines, private domestic water wells, or floodplains located within the specified distances of the release. Additionally, the site is located in a low karst area. The NFHL Map and USGS Mapper are shown in **Appendix B**.

### Significant Boundaries

According to Google Earth US Government City Boundaries and US School Districts, the lateral extents of the release were not within an incorporated municipal boundary, defined municipal fresh water well field, or a school district. Additionally, there were no occupied permanent residences, schools, hospitals, institutions, or churches located within the specified distances of the lateral extents of the release.



### Groundwater Review

Groundwater research was completed for the site through the USGS (United States Geological Survey) National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Groundwater research conducted through these two resources, show the two closest water wells within a 1.75-mile radius of each release Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 525 ft bgs and measured water level of 415 ft bgs and is approximately 0.84 miles of the Site. The well reported on the USGS National Water Information System reports a water level measured at 97.37 ft bgs and is approximately 1.59 miles of the Site. The groundwater information is shown in **Appendix B**.

Distance from Release	Date of Data	Resource of Information	Depth of Well	Depth to Water
1.59 Miles	03/11/1986	USGS	N/A	97.37'
0.84 Miles	12/31/1959	NMOSE	525'	415'

### **Biological Review**

Tetra Tech conducted a review of sensitive biological species within the area of concern by utilizing the U.S. Fish & Wildlife Service Information for Planning and Consultation (USFWS IPaC) and the Bureau of Land Management (BLM) Plant and Wildlife Habitat mapping resource. Based on the review of the BLM Plant and Wildlife Habitat mapping resource, the release area is approximately 0.89 miles from "Potential Isolated Population Area Lesser Prairie Chicken Habitat", as indicated on the figure shown in **Appendix C**. Based on the review of the USFWS IPaC resource, there are no critical habitats for this location, however the site is within a "Proposed" habitat area for the Monarch Butterfly. The following findings were noted:

Species Name	Critical Habitat Designation Status	Does location overlap with Critical Habitat Designation	Migratory Breeding Potential In Project Area
<b>Birds</b>			
Lesser Prairie-Chicken	No Critical Habitat Designation	No	N/A
Northern Aplomado Falcon	No Critical Habitat Designation	N/A	N/A
<b>Insects</b>			
Monarch Butterfly	Proposed	No	N/A
<b>Breeding Migratory Birds</b>			
Chestnut-Collared Longspur	N/A	N/A	Yes
Ferruginous Hawk	N/A	N/A	Yes
Northern Harrier	N/A	N/A	Yes

However, regardless of critical habitat designation, observation onsite will take place prior to and during remediation activities to prevent sensitive habitat and plant destruction. The BLM map is presented in **Appendix C**



## Archaeological Survey

Necessary Cultural Properties Protection actions prior to delineation have been conducted in accordance with 19.2.24 NMAC. An Archaeological Records Management Section (ARMS) Inspection was conducted in June of 2025, in accordance with 4.10.15 NMAC. The ARMS inspection included conducting research of the New Mexico Cultural Resources Information System (NMCRIIS) and the ARMS. Following the completion of the ARMS Inspection, it was determined that an Archaeological Survey was required. The Survey was conducted on June 12, 2025, and indicated negative findings. The NMCRIIS Investigation Abstract Form was submitted to the NMCRIIS with reference number 158816 and is provided in **Appendix D**.

## Regulatory

A risk-based evaluation was performed for the site following the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization, the site will follow the most stringent RRALs of 600mg/kg for chloride and 100 mg/kg (GRO + DRO + ORO) for TPH.

## Site Assessment Activities

Tetra Tech conducted site assessment activities on June 26 and 27, 2025. A total of twelve (12) hand auger soil borings (AH-1 through AH-12) were installed to depths ranging from surface to 4.5 ft bgs to attempt to assess and vertically delineate the impacted the area. Additionally, a total of twelve (12) horizontals delineation sample points (H-1 through H-12) were installed to total depths of 1.0 ft bgs, to horizontally delineate the release area. The release area and sample locations are shown on **Figure 3**.

The samples were submitted to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 4500.0. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix E**.

Referring to Table 1, auger holes (AH-3 and AH-5) indicated chloride concentrations above the RRALs, with concentrations ranging from 640 mg/kg to 7,040 mg/kg, at depths ranging from surface to 4.5 ft bgs. Auger holes (AH-1, AH-2, AH-4, and AH-6 through AH-12) did not indicate chloride concentrations above the RRALs in any samples collected. Additionally, none of the auger holes (AH-1 through AH-12) indicated benzene, BTEX, or TPH concentration above RRALs. Vertical delineation of chlorides was found in all auger holes, with the exception of auger hole (AH-5), which showed a chloride concentration of 5,360 mg/kg at 4'-4.5' bgs, due to dense geological formation. Additionally, horizontals (H-1 through H-12) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.

### Additional Delineation

Additional delineation was conducted on September 22 and October 8, 2025, in the area of auger hole (AH-5) due to the dense geographical formation and a hard rock bottom encountered during initial delineation. One (1) delineation trench (T-1) was installed to depths ranging from surface to 14.0 ft bgs to attempt to assess and vertically delineate the impacted the area. Additionally, a total of nine (9)



additional delineation horizontals (H-13 through H-22) were installed to total depths of 1.0 ft bgs, to further horizontally delineate the potential impacted area around auger holes (AH-3 and AH-5).

The samples were submitted to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 4500.0. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix E**.

Referring to Table 1, the delineation trench (T-1) indicated chloride concentrations above the RRALs, with concentrations ranging from 640 mg/kg to 4,480 mg/kg, at depths ranging from surface to 12.0 ft bgs. The delineation trench (T-1) did not indicate benzene, BTEX, or TPH concentration above laboratory detection levels. Vertical delineation of chloride concentrations was found at 13.0 ft bgs of delineation trench (T-1). Additional delineation horizontals (H-13 through H-22) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.

### Work Plan

Based on the C-141 (nAPP2516151980) and information provided by EOG, Tetra Tech performed site characterization and groundwater research to determine groundwater depth, proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the *OCD Guidelines for Remediation of Leaks, Spills, and Releases*, updated August 14, 2018, according to the groundwater data found during research activities, the RRALs that will be followed for the site, will be held to 600 mg/kg for chlorides, and 100 mg/kg (GRO + DRO) for TPH. Based on Tetra Tech assessment and delineation activities, laboratory results indicated chloride concentrations above RRALs in hand auger soil borings (AH-3 and AH-5), and in delineation trench (T-1), at total depths ranging from surface to 12.0 ft bgs. The proposed excavation is shown on **Figure 4**.

EOG proposes to remediate the impacted areas to the 3.0 ft and 13.0 ft bgs. The potential excavation depths shown on **Figure 4** are representative of the site following the most stringent RRALs due to site characterization findings. It is estimated that a total of 3,972 cubic yards will be excavated and hauled to the nearest disposal facility during remediation activities. Following remediation of the impact, 5-point composite confirmation bottom hole and sidewall samples will be installed within the remediated areas on a 400 square foot basis. Once laboratory data indicates all confirmation sample concentrations to be below the RRALs, the site will be backfilled with clean to surface grade material. The C-141 is included in **Appendix A**.

If you require any additional information or have any questions or comments, please contact us at (432) 682-4559.

Respectfully submitted,  
TETRA TECH

A handwritten signature in blue ink, appearing to read 'Brittany Long'.

Brittany Long,  
Project Manager

A handwritten signature in blue ink, appearing to read 'Clair Gonzales'.

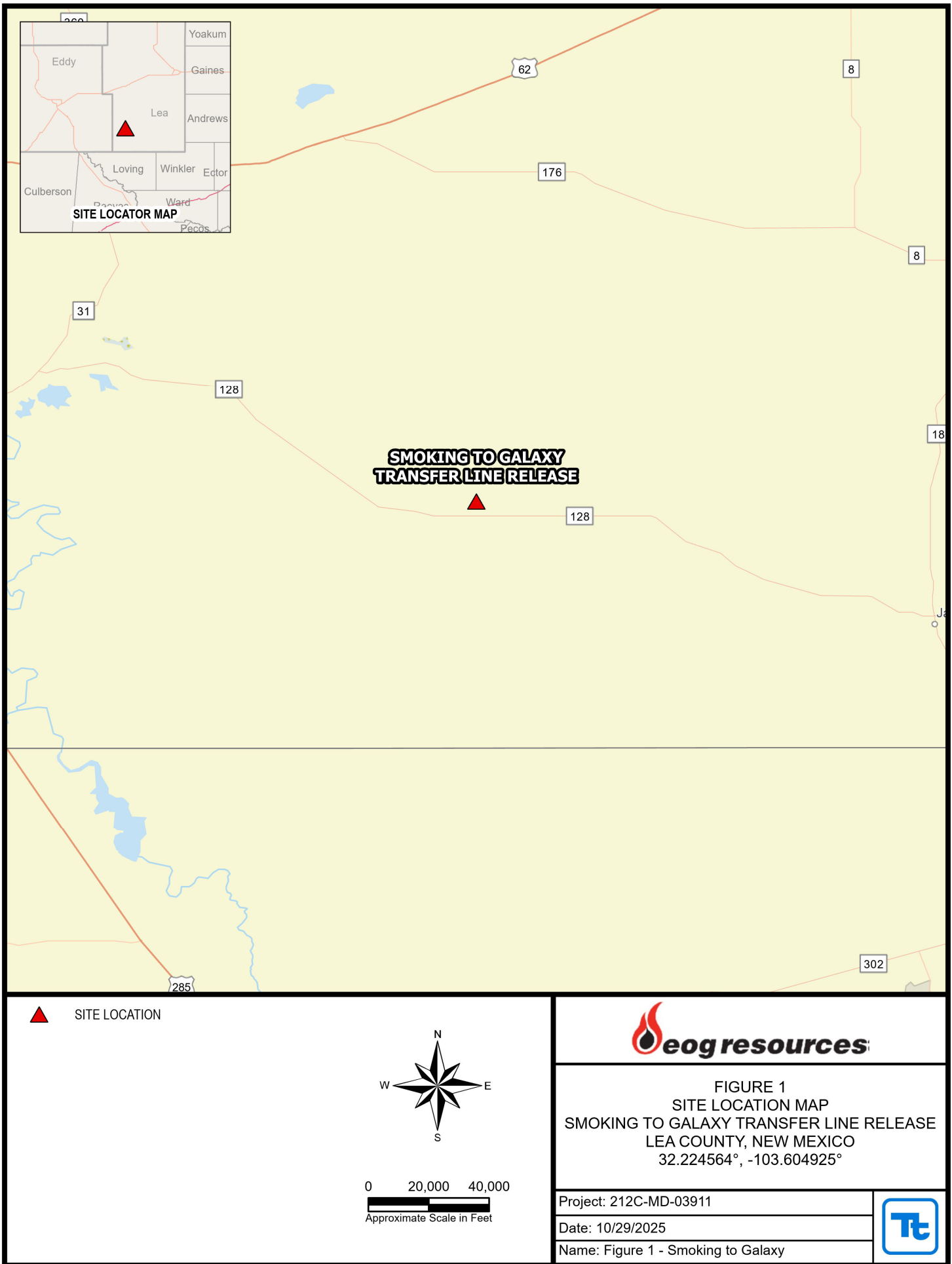
Clair Gonzales, P.G.  
Senior Project Manager



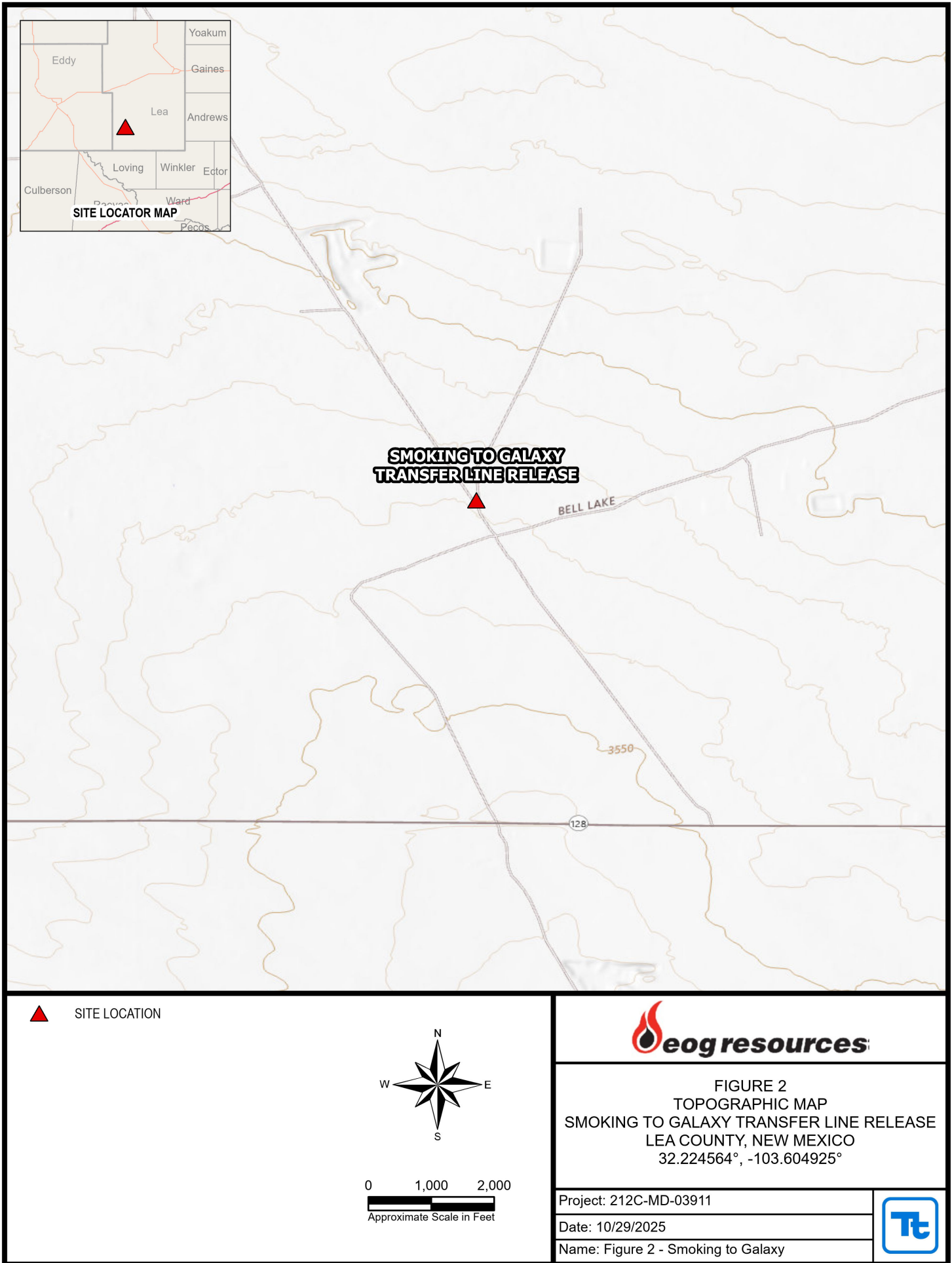
## Figures

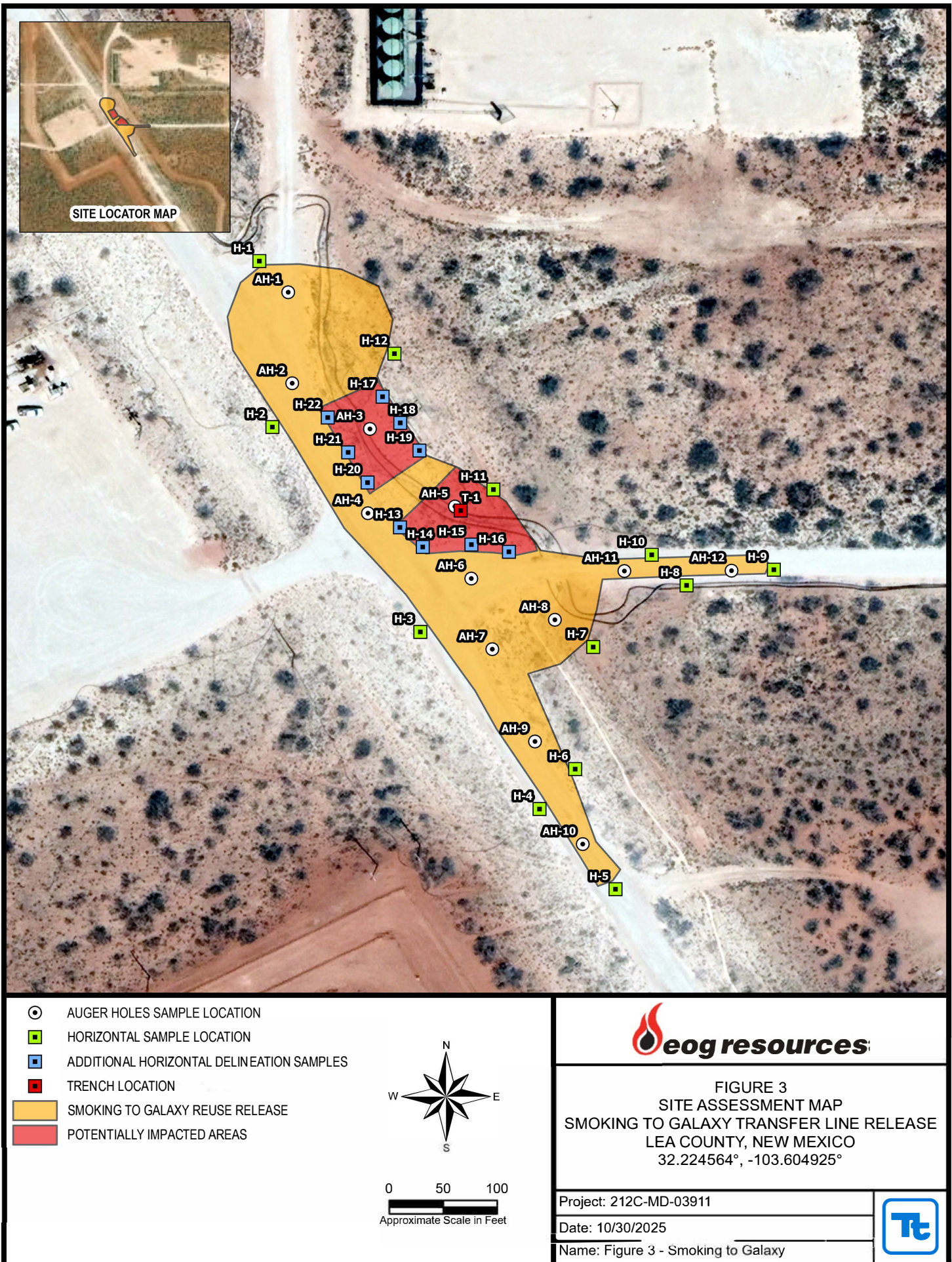
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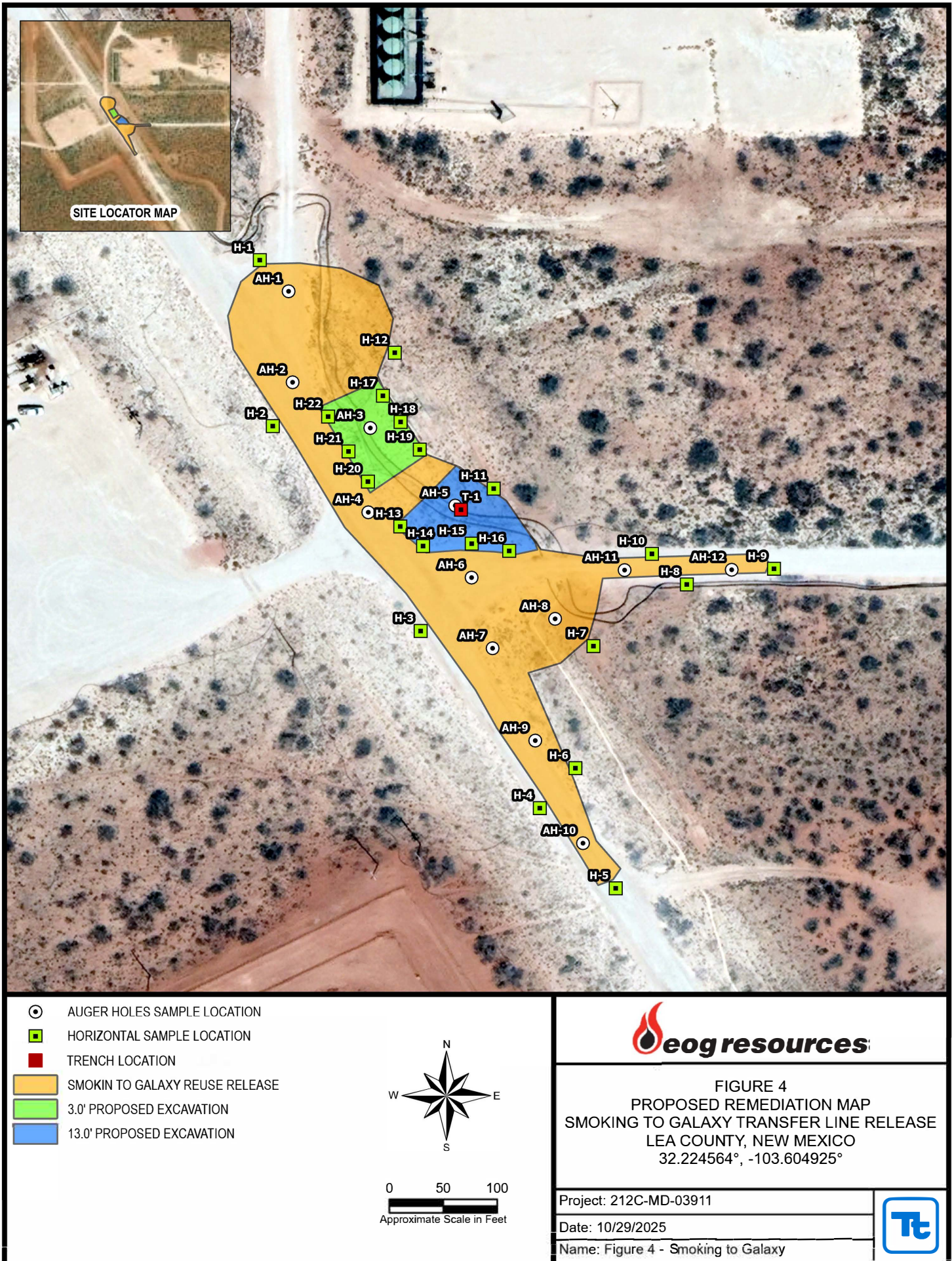
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Source: ESRI - World Street, 2022.









## Tables

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**Table 1**  
**EOG Resources**  
**Smoking to Galaxy Release**  
**Lea County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	
RRALs					100 mg/kg	10 mg/kg						50 mg/kg	600 mg/kg	
AH - 1	6/27/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	3-3.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
AH - 2	6/27/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	3-3.7	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
AH - 3	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	3,800
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	7,040
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	880
	"	3-3.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	416
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	80.0
AH - 4	6/27/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	3-3.8	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0

**Table 1**  
**EOG Resources**  
**Smoking to Galaxy Release**  
**Lea County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)	
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)		
RRALs					100 mg/kg				10 mg/kg				50 mg/kg		600 mg/kg
AH - 5	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	16.0	
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	32.0	
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	1,880	
	"	3-3.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	4,960	
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	5,360	
T-1	9/22/2025	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	"	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
	"	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	"	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
	"	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	"	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,360	
	"	7.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,480	
	"	8.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	752	
	"	9.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640	
	"	10.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,270	
	"	11.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656	
	"	12.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656	
	10/8/2025	13.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
"	14.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0		
AH - 6	6/27/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	"	3-3.9	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	

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			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)		
RRALs					100 mg/kg				10 mg/kg				50 mg/kg		600 mg/kg
AH - 7	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	32.0	
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	16.0	
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	<16.0	
	"	3-3.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	384	
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	96.0	
AH - 8	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	32.0	
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	80.0	
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	96.0	
	"	3-3.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	208	
	"	4-4.5'	X	-	<10.0	29.3	<10.0	29.3	<0.050	<0.050	<0.050	<0.150	<0.150	64.0	
AH - 9	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	80.0	
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	64.0	
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	80.0	
	"	3-3.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	64.0	
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	48.0	
AH - 10	6/27/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0	
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
	"	3-3.6	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
AH - 11	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	560	
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	112	
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	32.0	
	"	3-3.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	32.0	
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	32.0	

**Table 1**  
**EOG Resources**  
**Smoking to Galaxy Release**  
**Lea County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)	
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)		
RRALs					100 mg/kg				10 mg/kg				50 mg/kg		600 mg/kg
AH - 12	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	32.0	
	"	1-1.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	48.0	
	"	2-2.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	32.0	
	"	3-3.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	96.0	
	"	4-4.5'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	176	
H - 1	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	144	
H - 2	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	16.0	
H - 3	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	144	
H - 4	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	96.0	
H - 5	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	160	
H - 6	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	16.0	
H - 7	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	<16.0	
H - 8	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	<16.0	
H - 9	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	128	
H - 10	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	16.0	

**Table 1**  
**EOG Resources**  
**Smoking to Galaxy Release**  
**Lea County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	
RRALs								100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
H - 11	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	<16.0
H - 12	6/26/2025	0-1'	X	-	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.150	<0.150	<16.0
H - 13	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
H - 14	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
H - 15	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
H - 16	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H - 17	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H - 18	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H - 19	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H - 20	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
H - 21	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
H - 22	9/16/2025	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0

**NOTES**

and Releases.

All screening values and results are presented in milligrams per kilogram (mg/kg)

**Bolded cells represent a detected concentration above the respective screening value.**

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

 Exceedance



# Photographic Documentation

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EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View Southeast



View of Release Area – View Southeast

EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View Southeast



View of Release Area – View Northwest

EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View Northeast

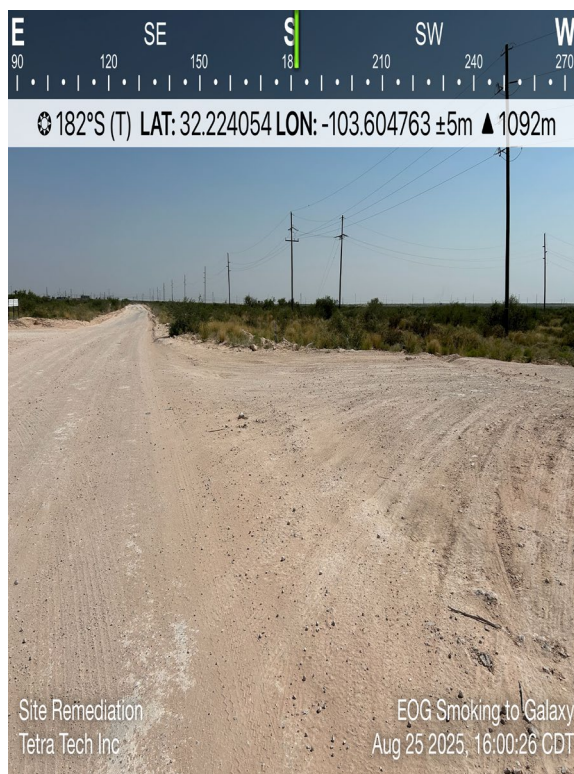


View of Release Area – View Northeast

EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View Southwest



View of Release Area – View South

EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View Northwest



View of Release Area – View Northwest

EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View North



View of Release Area – View North

EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View Northwest



View of Release Area – View Northwest

EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View Southeast



View of Release Area – View Northwest

EOG Resources  
Smoking to Galaxy Transfer  
Line Release  
Lea County, New Mexico



View of Release Area – View Northeast



View of Release Area – View Southeast



# Appendix A

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C-141 Document

## \*\*\*\*\* LIQUID SPILLS - VOLUME CALCULATIONS \*\*\*\*\*

Location of spill: Smokin to Galaxy Transfer Release

Date of Spill: 6/9/2025

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box,  
flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: ☒

## Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations					Standing Liquid Calculations				
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	50 ft X	205 ft X	4.00 in	0%	Rectangle Area #1	0 ft X	0 ft X	0 in	0%
Rectangle Area #2	150 ft X	225 ft X	6.00 in	0%	Rectangle Area #2	0 ft X	0 ft X	0 in	0%
Rectangle Area #3	130 ft X	250 ft X	5.00 in	0%	Rectangle Area #3	0 ft X	0 ft X	0 in	0%
Rectangle Area #4	30 ft X	200 ft X	4.00 in	0%	Rectangle Area #4	0 ft X	0 ft X	0 in	0%
Rectangle Area #5	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%
Rectangle Area #6	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in	0%
Rectangle Area #7	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #7	0 ft X	0 ft X	0 in	0%
Rectangle Area #8	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #8	0 ft X	0 ft X	0 in	0%

okay

## production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil BBL Water 0 BBL

Did leak occur before the separator?: ☐ YES ☒ N/A (place an "X")

Amount of Free Liquid Recovered: 370 BBL okay

Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor \*: 0.08 gal per gal

Use the following when the spill wets the grains of the soil.

\* sand = .08 gallon liquid per gallon volume of soil.

\* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.

\* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.

\* clay loam = .16 gallon liquid per gallon volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

Occurs when the spill soaked soil is contained by barriers, natural (or not).

\* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.

\* sandy loam = .5 gallon liquid per gallon volume of soil.

## Saturated Soil Volume Calculations:

Total Solid/Liquid Volume: 82,500 sq. ft. H2O 35,833 cu. ft. OIL cu. ft.

## Estimated Volumes Spilled

Liquid in Soil: 510.5 BBL H2O 0.0 BBL OIL  
Free Liquid: 0.0 BBL H2O 0.0 BBL OIL  
Totals: 510.540 BBL H2O 0.000 BBL OIL

Total Liquid Spill Liquid: 510.540 BBL H2O 0.000 BBL OIL

## Recovered Volumes

Estimated oil recovered: 0.0 BBL check - okay  
Estimated water recovered: 370.0 BBL check - okay

## Free Liquid Volume Calculations:

Total Free Liquid Volume: sq. ft. H2O .000 cu. ft. OIL .000 cu. ft.

## Estimated Production Volumes Lost

Estimated Production Spilled: 0.000000 BBL H2O 0.000000 BBL OIL

## Estimated Surface Damage

Surface Area: 82,500 sq. ft.

Surface Area: 1.8939 acre

## Estimated Weights, and Volumes

Saturated Soil = 4,013,333 lbs 35,833 cu. ft. 1,327 cu. yds.  
Total Liquid = 511 BBL 21,442.67 gallon 178,403 lbs

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oecd/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 473384

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 473384
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2516151980
Incident Name	NAPP2516151980 SMOKIN TO GALAXY TRANSFER LINE RELEASE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

**Location of Release Source**

Please answer all the questions in this group.

Site Name	Smokin to Galaxy Transfer Line Release
Date Release Discovered	06/09/2025
Surface Owner	State

**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: Equipment Failure   Pipeline (Any)   Produced Water   Released: 510 BBL   Recovered: 370 BBL   Lost: 140 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 473384

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 473384
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Kennedy Title: Environmental Supervisor Email: James_kennedy@eogresources.com Date: 06/11/2025
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QUESTIONS, Page 3

Action 473384

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 473384
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

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

<b>Remediation Plan</b>	
<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	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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CONDITIONS

Action 473384

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 473384
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	6/13/2025



## Appendix B

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### Site Characterization Documents

## Site Characterization Summary

### Site Information:

EOG  
Smoking to Galaxy  
SLO Ownership  
nAPP2516151980  
Lea County, New Mexico  
T24S, R33E, Section 18, Unit A  
(32.224564°, -103.604925°)  
631455.76 m E, 3566180.85 m N

### Site Characterization:

-Low Karst  
-0.89 miles from Potential Isolated Population Area Lesser Prairie Chicken Habitat  
-1.84 miles from Bell Lake  
-No significant water features within specified distances  
-Groundwater 415' BGS, 0.84 Miles. (NMOSE, Section 17, 1999 Sample)  
-Groundwater 97.37' BGS, 1.59 Miles Southeast. (USGS, Section 19, 1986 Sample)

### Biological Findings:

<i>Species Name</i>	<i>Critical Habitat Designation Status</i>	<i>Does location overlap with Critical Habitat Designation</i>	<i>Migratory Breeding Potential In Project Area</i>
<b>Birds</b>			
Lesser Prairie-Chicken	No Critical Habitat Designation	No	N/A
Northern Aplomado Falcon	No Critical Habitat Designation	N/A	N/A
<b>Insects</b>			
Monarch Butterfly	Proposed	No	N/A
<b>Breeding Migratory Birds</b>			
Chestnut-Collared Longspur	N/A	N/A	Yes
Ferruginous Hawk	N/A	N/A	Yes
Northern Harrier	N/A	N/A	Yes

However, regardless of critical habitat designation, observation onsite will take place prior to and during remediation activities to prevent sensitive habitat, nest, and plant destruction. The BLM map and USFWS IPaC information is presented in **Appendix C**

Archaeological Findings:

- Archaeological Survey was completed on June 12, 2025
- NMCRIS 158816

**RRALs:**

- 600 mg/kg Chlorides
- 100 mg/kg Total TPH
- 10 mg/kg Benzene
- 50 mg/kg Total BTEX

**Explanation:**


Due to inadequate groundwater information (distance further than ½ mile/data dated >25 years), Most stringent RRALs will be followed unless groundwater determination bore is drilled, and no water is found at depths of at least 55' BGS or greater.

# Point of Diversion Summary

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

quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 02431	SE	SE	SE	17	24S	33E	633175.0	3564728.0 *	

\* UTM location was derived from PLSS - see Help

Driller License:		Driller Company:	
Driller Name:		UNKNOWN	
Drill Start Date:		1950-01-01	Drill Finish Date: 1959-12-31
Log File Date:		PCW Rcv Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:		5.50	Depth Well: 525
		Depth Water: 415	
		Source: Shallow	
		Estimated Yield: 20	
		Plug Date:	

## Meter Information

Meter Number:	527	Meter Make:	MASTER MATER
Meter Serial Number:	8430822	Meter Multiplier:	10.0000
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Gallons	Reading Frequency:	Monthly (No Reading Expected)

## Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
1999-04-02	1999	650552.000	A	ms		0.000	
1999-07-20	1999	686243.000	A	ms		1.095	
1999-11-01	1999	737437.000	A	ms		1.571	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2000-01-10	1999	775085.000	A	ms		1.155	
2000-05-05	2000	816802.000	A	MB		1.280	
2000-07-06	2000	847905.000	A	mb		0.955	
2000-10-25	2000	891939.000	A	RPT		1.351	
2001-01-04	2000	922259.000	A	RPT		0.930	
2001-04-01	2001	936755.000	A	RPT		0.445	
2001-07-01	2001	977796.000	A	RPT		1.260	
2001-10-05	2001	21794.000	R	RPT	Meter Rollover	1.350	
2002-04-02	2002	34581.000	A	RPT		0.392	
2002-07-02	2002	48235.000	A	RPT		0.419	
2003-01-01	2002	83585.000	A	RPT		1.085	
2003-04-03	2003	137817.000	A	RPT		1.664	
2003-07-01	2003	205035.000	A	RPT		2.063	
2003-10-02	2003	229999.000	A	ab		0.766	
2003-10-02	2003	0.000	A	RPT		0.000	
2004-01-01	2003	31963.000	A	RPT		0.981	
2004-04-04	2004	79491.000	A	RPT		1.459	
2004-07-05	2004	115607.000	A	RPT		1.108	
2004-10-04	2004	174955.000	A	tw		1.821	
2005-01-03	2004	263167.000	A	RPT		2.707	
2005-04-05	2005	295061.000	A	RPT		0.979	
2005-07-01	2005	303397.000	A	RPT		0.256	
2005-10-31	2005	340510.000	A	RPT		1.139	
2005-12-31	2005	343044.000	A	RPT		0.078	

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2006-04-20	2006	358240.000	A	RPT		0.466	
2006-07-08	2006	385299.000	A	tw		0.830	
2006-10-02	2006	464312.000	A	tw		2.425	
2007-01-01	2006	529902.000	A	tw		2.013	
2007-04-02	2007	564384.000	A	RPT		1.058	
2007-07-31	2007	598238.000	A	RPT		1.039	
2007-10-28	2007	657403.000	A	RPT		1.816	
2008-01-01	2007	665919.000	A	RPT		0.261	
2008-04-16	2008	681782.000	A	RPT		0.487	
2008-07-01	2008	752289.000	A	RPT		2.164	
2008-10-03	2008	853345.000	A	RPT		3.101	
2008-12-31	2008	911746.000	A	RPT		1.792	
2009-04-01	2009	77518.000	R	RPT	Meter Rollover	5.087	
2009-07-05	2009	173250.000	A	RPT		2.938	
2009-10-05	2009	237006.000	A	RPT		1.957	
2010-01-01	2009	293782.000	A	RPT		1.742	
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2010-07-01	2010	413054.000	A	RPT		2.145	
2010-10-01	2010	444699.000	A	RPT		0.971	
2010-12-31	2010	515095.000	A	RPT		2.160	
2011-04-01	2011	566481.000	A	RPT		1.577	
2011-10-08	2011	583050.000	A	RPT		0.508	
2011-12-31	2011	583050.000	A	RPT		0.000	
2012-04-01	2012	1507.000	R	RPT	Meter Rollover	12.842	

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2012-07-02	2012	9762.000	A	RPT		0.253	
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2013-04-03	2013	282553.000	A	tw		3.151	
2013-07-01	2013	71526.000	R	RPT	Meter Rollover	24.213	
2013-10-03	2013	82080.000	A	RPT		0.324	
2013-12-31	2013	93386.000	A	RPT		0.347	
2014-04-01	2014	653187.000	A	RPT		0.000	
2014-07-01	2014	764589.000	A	RPT		3.419	
2014-10-03	2014	875000.000	A	RPT		3.388	
2015-01-07	2014	955160.000	A	RPT		2.460	
2015-01-26	2015	965041.000	A	RPT		0.303	
2015-01-27	2015	585131.000	A	tw		0.000	
2015-03-09	2015	622092.000	A	RPT		1.134	
2015-03-10	2015	0.000	A	RPT		0.000	
2015-04-05	2015	66072.000	A	RPT		2.028	
2015-07-01	2015	90118.000	A	RPT		0.738	
2015-10-02	2015	185632.000	A	RPT		2.931	
2015-12-31	2015	247746.000	A	RPT		1.906	
2016-04-01	2016	327318.000	A	RPT		2.442	
2016-07-01	2016	401151.000	A	RPT		2.266	
2016-10-01	2016	492395.000	A	RPT		2.800	
2017-01-01	2016	562688.000	A	RPT		2.157	

YTD Meter Amounts:

Year	Amount
1999	3.821
2000	4.516
2001	3.055
2002	1.896
2003	5.474
2004	7.095
2005	2.452
2006	5.734
2007	4.174
2008	7.544
2009	11.724
2010	6.791
2011	2.085
2012	18.316
2013	28.035
2014	9.267
2015	9.040
2016	9.665

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Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
Groundwater						United States	GO

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- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 321236103350101

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 321236103350101 24S.33E.17.444414

Lea County, New Mexico  
Latitude 32°12'36", Longitude 103°35'01" NAD27  
Land-surface elevation 3,573 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement
1986-03-11		D	62610		3473.93	NGVD29	1	Z		
1986-03-11		D	62611		3475.63	NAVD88	1	Z		
1986-03-11		D	72019	97.37			1	Z		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined

6/20/25, 2:08 PM

Date	Time	?	?	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
		Water-level date-time accuracy	Parameter code				S

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

**URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?**



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2025-06-20 14:42:52 EDT

0.39 0.32 nadww01

Released to Imaging: 1/16/2026 8:17:40 AM

Low Karst  
OG Smoking to Galaxy

Legend

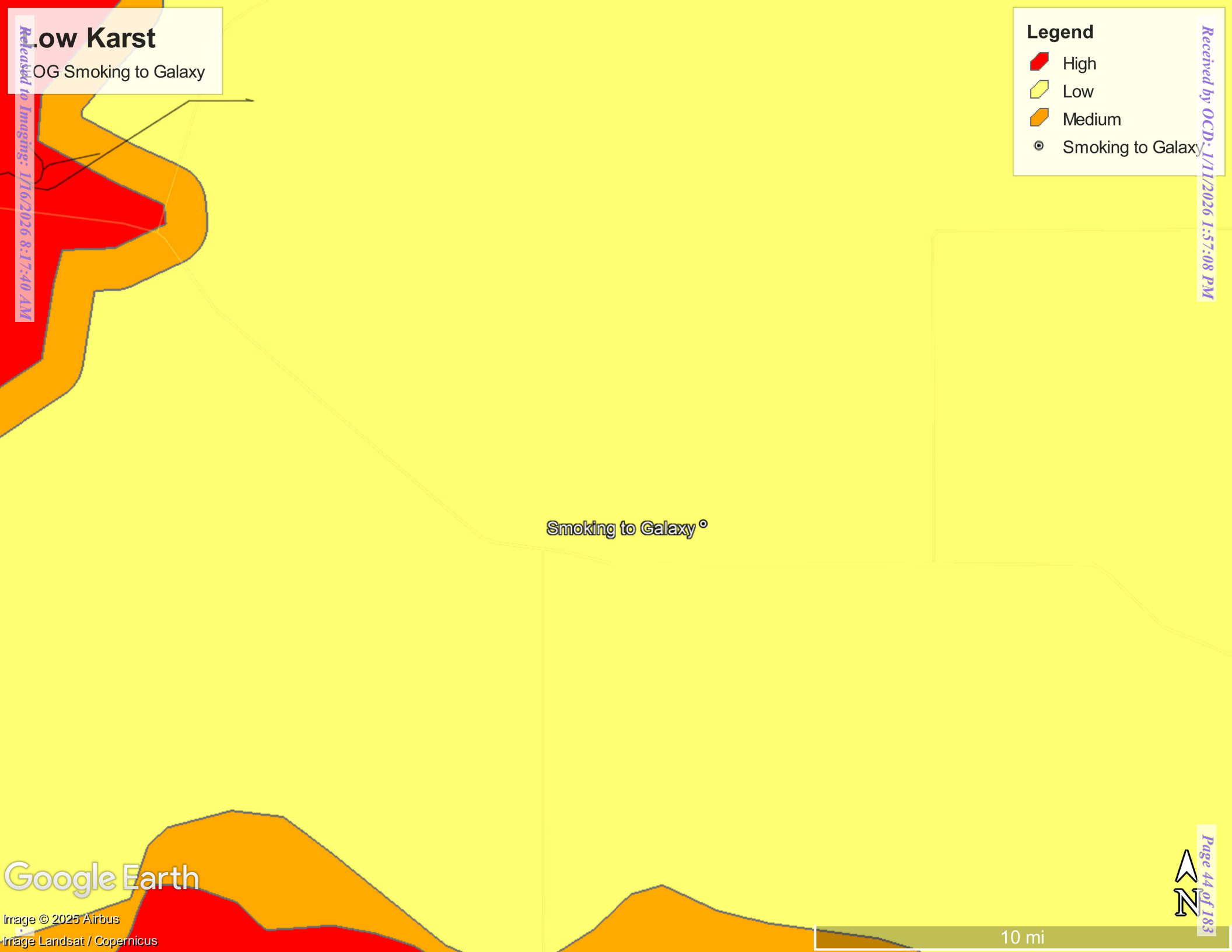
High

Low

Medium

Smoking to Galaxy

Received by OCD: 1/11/2026 1:57:08 PM

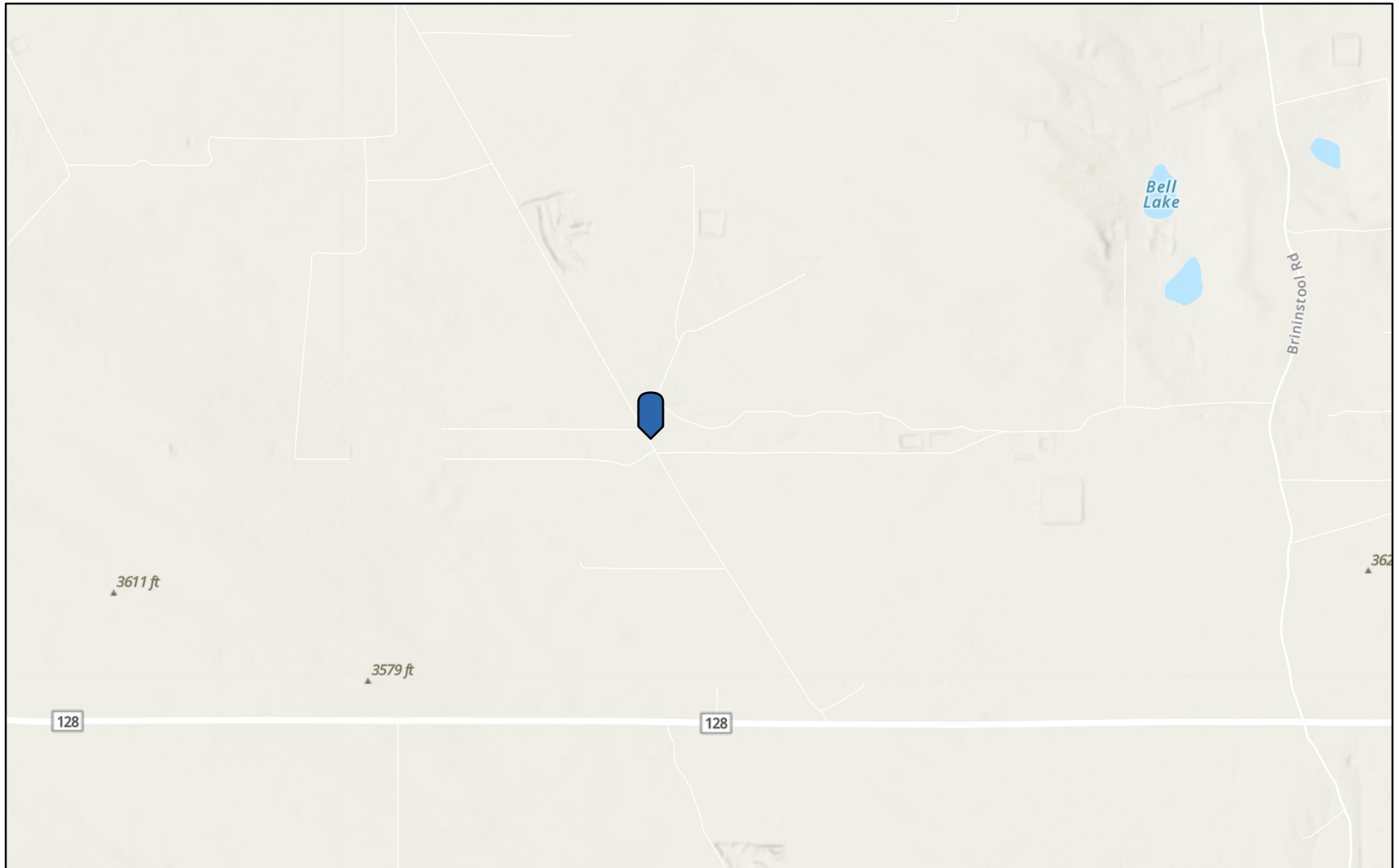


Google Earth

Image © 2025 Airbus  
Image Landsat / Copernicus

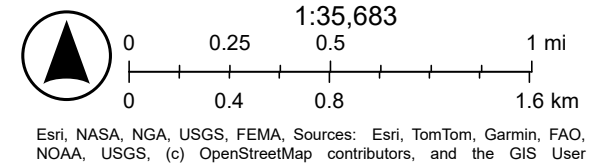
10 mi

# USGS Blue Line Map



6/20/2025

World\_Hillshade



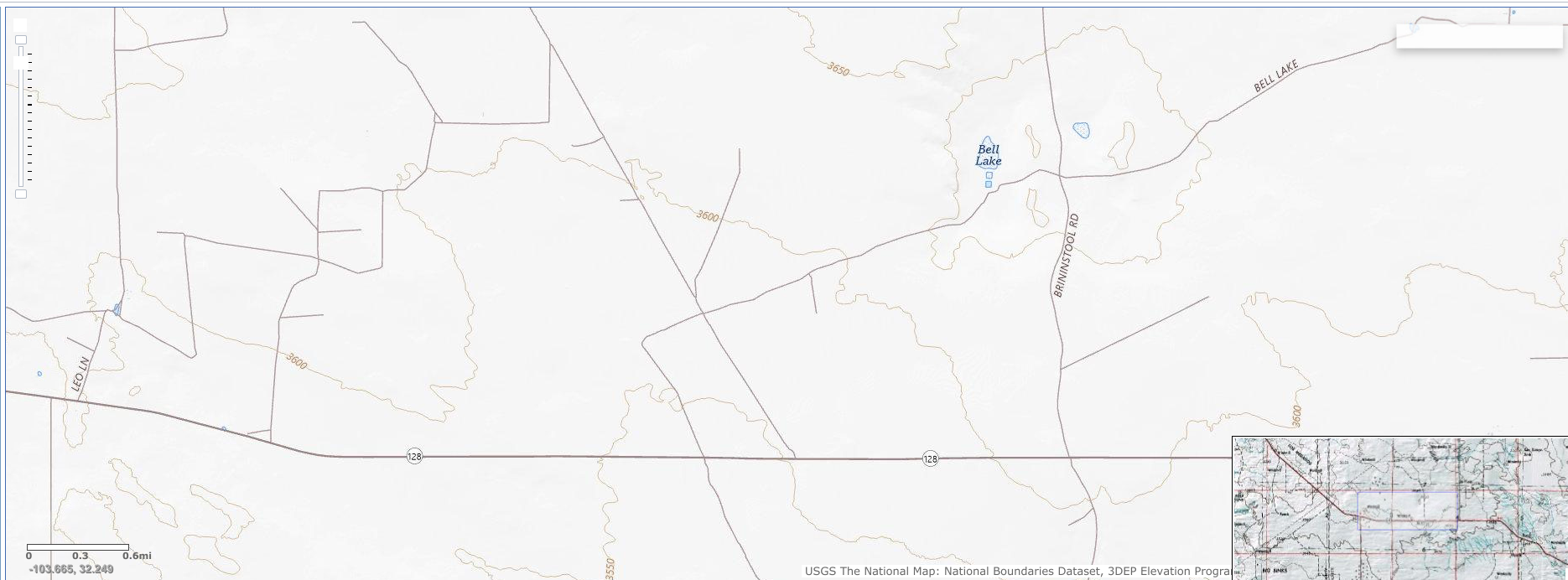
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User



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Site Information



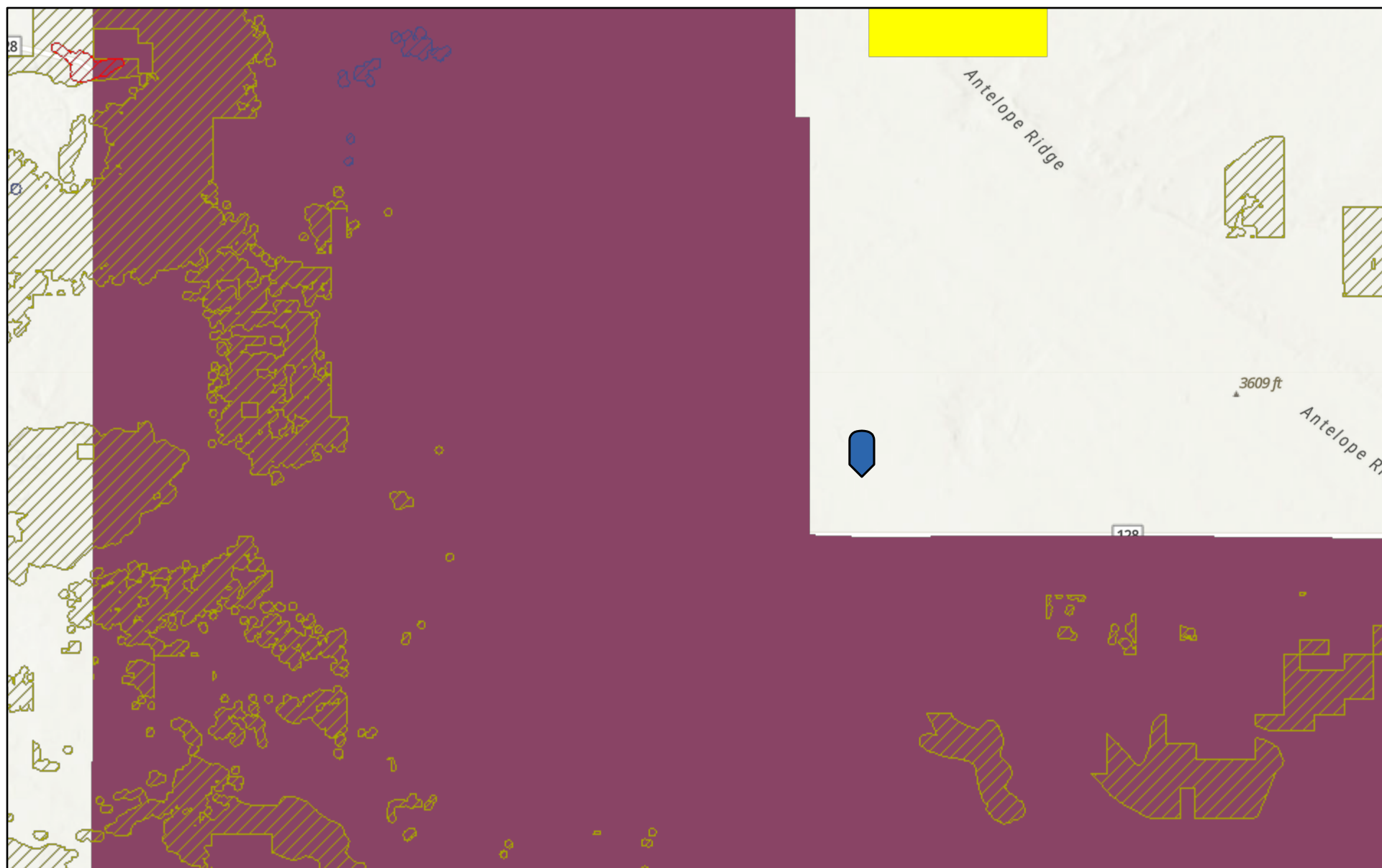
# Appendix C

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## Biological Desktop Review

## BLM Wildlife for Smoking to Galaxy



6/20/2025

Potential Habitat (Planning Area Only)



Scheer's beehive cactus



Tharp's blue-star

Wright's waterwillow

Lesser Prairie Chicken Habitat

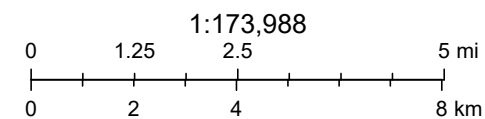


Habitat Evaluation Area



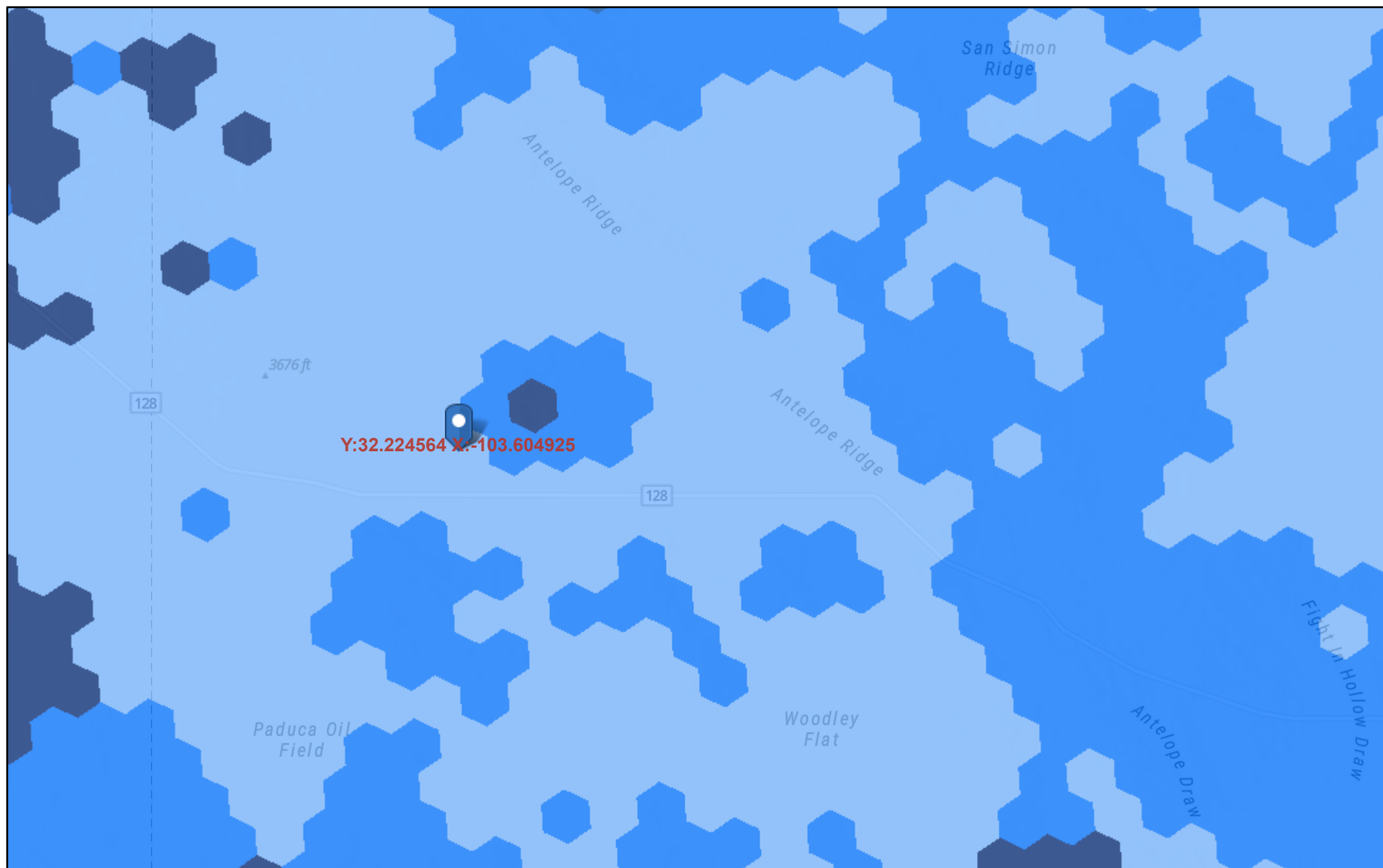
Isolated Population Area

World\_Hillshade



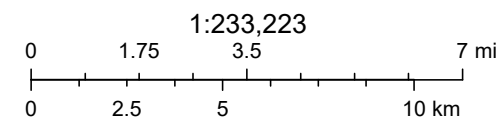
Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community,

# Crucial Habitat for EOG Smoking to Galaxy



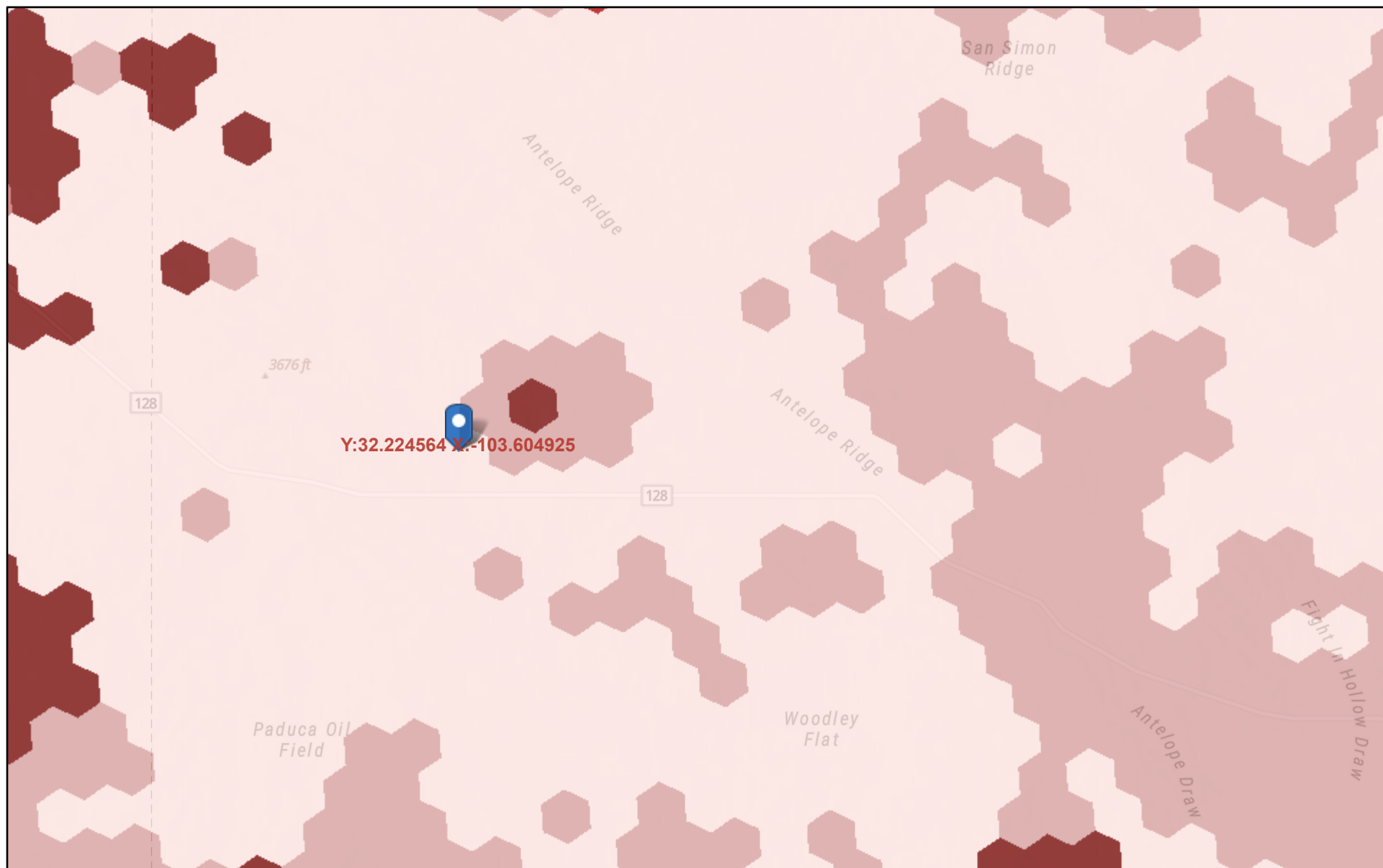
June 20, 2025

NMCHAT\_2022update\_20230126



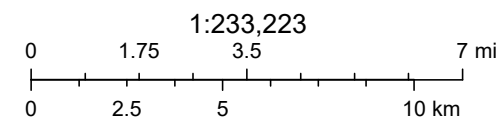
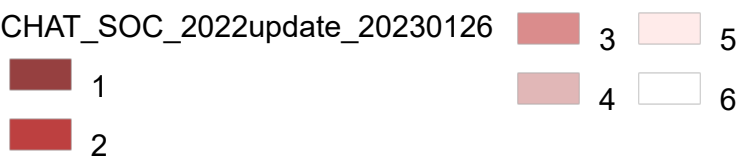
Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

# Species of Concern for EOG Smoking to Galaxy



June 20, 2025

CHAT\_SOC\_2022update\_20230126



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## Appendix D

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### Archaeological Review and Survey

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 158816      HPD Log No(s).  
Registration

Lead Agency: NM State Land Office

Performing Agency: Goshawk Environmental Consulting

Activity ID:

Performing Agency Report No: 01LE58816

Other Agencies:

Report Recipient (Your Client): EOG Resources, Inc.

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

Total Survey Acreage: 5.12

Total Tribal Acreage:

Total Resources Visited: 0

Associate/Register Resources

Prefix	Number	Field Site/Other Number	In GIS	Resource Type	Collections Made?	Revisit
--------	--------	-------------------------	--------	---------------	-------------------	---------

Report Details

Type of Report Negative

Lead Agency

Lead Agency: NM State Land Office

Lead Agency Report No.

Report Number:

Title of Report

Title of Report: A Class III Archaeological Survey of the EOG Resources, Inc., Smokin to Galaxy Reuse and DFW11 Releases, Lea County, New Mexico

Report run on: Jun 18, 2025 02:18 PM

## NMCRIS Investigation Abstract Form (NIAF)

**NMCRIS Activity Number: 158816****HPD Log No(s).****Report Details (continued)****Authors:** Steven R. Evans, Valerie Werfel, Koleby Thomas, and Andrew Beckert**Publication Type:** Report, Monograph, or Book**Description of Undertaking (what does the project entail?)**

**Description:** Goshawk Environmental Consulting, Inc. (Goshawk) performed a Class III Archaeological Survey of the Smokin to Galaxy Reuse and DFW11 Releases on behalf of our client, EOG Resources, Inc. (EOG). The proposed project is situated on New Mexico State lands. The accidental release is within Section 18 of Township 24S, Range 33E on the Bell Lake 7.5' US Geological Survey (USGS) topographic quadrangle in Lea County, New Mexico. The proposed project consists of a Class III Archaeological Survey of the accidental releases on the Smokin to Galaxy Reuse and DFW11. The survey evaluated the accidental release areas (block survey) with a 30.48-meter-wide (200-foot-wide) archaeological survey buffer around the Area of Potential Effect (APE) (Figures 1 and 2). No cultural material or archaeological sites were identified during the survey.

**Dates of Investigation****From:** 12-Jun-2025 **To:** 12-Jun-2025**Report Date****Report Date:** 18-Jun-2025**Performing Agency/Consultant****Name:** Goshawk Environmental Consulting**Principal Investigator:** Steven R. Evans**Field Supervisor:** Steven R. Evans**Field Personnel Names:** Steven R. Evans, Nicole Pavlock**Historian/Other****Performing Agency Report Number****Report Number:** 01LE58816**Client/Customer (project proponent)****Name:** EOG Resources, Inc.**Contact:** Michael Yemm**Address:** 5509 Champions Drive, Midland, Texas, 79706**Phone** (432) 556-7258**Client/Customer Project Number**

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 158816

HPD Log No(s).

Report Details (continued)

Project Number:

Ownership & Location

Land Ownership Status (Must be indicated on Project Map)

Owner/Manager List:	Land Owner/Manager	Protocol	Acres Surveyed	Acres in APE
	NM State Land Office	Class III	5.12	1.56

Total Survey Acreage: 5.12

Total Tribal Acreage:

Record Search(es)

Date of HPD/ARMS File Review:

Date of Other Agency File Review

Survey Data

Source Graphics: NAD 83

- ☒ USGS 7.5' (1:24,000) topo map
- ☐ Other Topo Map
- Scale:
- ☐ GPS Unit
- ☒ Aerial Photos
- Other Source Graphic(s):

The following tables (b,c,& e) are calculated by the NMCRIS Map Service

USGS 7.5' Topographic Map(s)		County(ies)		Legal Description			
Map Name	USGS Quad Code	County	FIPS	Unplatted	Township (N/S)	Range (E/W)	Section
Bell Lake, NM	32103-B5	LEA	35023	No	T24S	R33E	7
				No	T24S	R33E	18

Projected Legal Description

No

Nearest City or Town:

Other Description:

Report run on: Jun 18, 2025 02:18 PM

## NMCRIS Investigation Abstract Form (NIAF)

**NMCRIS Activity Number: 158816**
**HPD Log No(s).**

### Methodology

#### Survey Field Methods

**Intensity:** 100% coverage

**Configuration:** ☒ Block Survey Units ☐ Linear Survey Units (l x y)

#### Other Survey Units

**Scope:** All Resources

**Coverage Method:** ☒ Systematic Pedestrian Coverage **Other Method:**
**Survey Interval (m):** 15 **Crew Size** 2

**Fieldwork Dates** **From** 12-Jun-2025 **To** 12-Jun-2025

**Survey Person Hours:** 1.00 **Recording Person Hours** 0.00

**Additional Narrative:** EOG contracted Goshawk to identify portions of the Smokin to Galaxy Reuse and DFW11 Releases that had not been subjected to thorough archaeological investigation. Survey coverage was inadequate, so a 100-percent survey was recommended. Unsurveyed portions of the APE were subjected to a 100-percent survey consisting of transects walked at 15.2-meter (50-foot) intervals. There are two previously recorded archaeological sites within 500 meters (1,640.4 feet) of the proposed project area (Figure 3). The nearest archaeological site, LA 200754, is located 76 meters (249 feet) east of the proposed project and is eligible for inclusion on the National Register of Historic Places. The previously recorded archaeological sites will not be impacted by the proposed undertaking.

#### Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.)

**Environmental Setting:** The soil types at the survey area were Berino-Cacique loamy fine sands association (sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock). Observed vegetation consisted primarily of honey mesquite, broom snakeweed, cactus, and yucca, along with other desert forbs and grasses (Photos 1 and 2). Elevations at the survey area ranged from approximately 3,560 to 3,580 feet above mean sea level. The terrain was relatively flat. The surface consisted of fine sandy loams.

#### Percent Ground Visibility

**Ground Visibility:** 51-75%

**Condition of Survey Area:** The survey area was disturbed by an adjacent pipeline ROW. Typical desert bioturbation and eolian movement were also observed.

#### Attachments (check all appropriate boxes)

- ☒ USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn (required)
- ☒ Copy of NMCRIS Map Check (required)
- ☐ LA Site Forms - new sites (with sketch map & topographic map) if applicable
- ☐ LA Site Forms (update) - previously recorded & un-relocated sites (first 2 pages minimum)

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 158816

HPD Log No(s).

Methodology

- ☐ Historic Cultural Property Inventory Forms, if applicable
- ☐ List and Description of Isolates, if applicable
- ☐ List and Description of Collections, if applicable

Other Attachments

- ☒ Photographs and Log
- ☐ Other attachments **Describe:**

Cultural Resource Findings

Investigation Results

Archaeological Sites Discovered and Registered: 0

Archaeological Sites Discovered and NOT Registered: 0

Previously Recorded Archaeological Sites Revisited (site update form required): 0

Previously Recorded Archaeological Sites Not Relocated (site update form required): 0

Total Archaeological Sites (visited & recorded): 0

Total Isolates Recorded: 0

HCPI Properties Discovered and Registered: 0

HCPI Properties Discovered And NOT Registered: 0

Previously Recorded HCPI Properties Revisited: 0

Previously Recorded HCPI Properties NOT Relocated: 0

Total HCPI Properties (visited & recorded, including acequias): 0

If No Cultural Resources Found, Discuss Why:

Intense survey yielded no findings.

Management Summary

Summary:

Goshawk conducted a Class III Archaeological Survey of the Smokin to Galaxy Reuse and DFW11 Releases survey area on 12 June 2025. No cultural material or archaeological sites were identified within the survey area. No further archaeological investigations are warranted.

Attachments

Attachment Type	Description	Name	File Type	Upload Date	Upload By
-----------------	-------------	------	-----------	-------------	-----------



Stephanie Garcia Richard, Commissioner of Public Lands  
State of New Mexico

## NMSLO Cultural Resources Cover Sheet Exhibit

**NMCRIS Activity Number:**

(if applicable)

**Exhibit Type** (select one)

**ARMS Inspection/Review** - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

**Archaeological Survey**

**Findings:**

**Negative** - No further archaeological review is required.

**Positive** - Have avoidance and protection measures been devised? Select one:

**Comments:**

**Project Details:**

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

**Project Location:**

County(ies):

PLSS/Section/Township/Range):

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***For NMSLO Agency Use Only:***

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

---

*No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.*

Form Revised 12 22



# Appendix E

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Laboratory Reports



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

June 27, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EOG - SMOKING TO GALAXY

Enclosed are the results of analyses for samples received by the laboratory on 06/26/25 12:26.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 1 ( 0-1' ) (H253870-01)**

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	06/26/2025	ND	2.19	110	2.00	0.438	
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19	
Total BTEX	<0.300	0.300	06/26/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/27/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 2 ( 0-1' ) (H253870-02)**

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	06/26/2025	ND	2.19	110	2.00	0.438	
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19	
Total BTEX	<0.300	0.300	06/26/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 3 ( 0-1' ) (H253870-03)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/27/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2025	ND	183	91.7	200	3.77		
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08		
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND						

Surrogate: 1-Chlorooctane 92.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 4 ( 0-1' ) (H253870-04)**

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	06/26/2025	ND	2.19	110	2.00	0.438	
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19	
Total BTEX	<0.300	0.300	06/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/27/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 5 ( 0-1' ) (H253870-05)**

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	06/26/2025	ND	2.19	110	2.00	0.438	
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19	
Total BTEX	<0.300	0.300	06/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/27/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 6 ( 0-1' ) (H253870-06)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 7 ( 0-1' ) (H253870-07)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEx	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.8 % 40.6-153

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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 8 ( 0-1' ) (H253870-08)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	0.438	
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19	
Total BTX	<0.300	0.300	06/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.1 % 40.6-153

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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 9 ( 0-1' ) (H253870-09)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.7 % 40.6-153

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

Received: 06/26/2025  
Reported: 06/27/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: NOT GIVEN  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/26/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: H - 10 ( 0-1' ) (H253870-10)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/26/2025  
 Reported: 06/27/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: NOT GIVEN  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/26/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 11 ( 0-1' ) (H253870-11)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEx	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 12 ( 0-1' ) (H253870-12)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	0.438	
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19	
Total BTX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/26/2025  
Reported: 06/27/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: NOT GIVEN  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/26/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: AH - 3 ( 0-1' ) (H253870-13)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3800	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 3 ( 1-1.5' ) (H253870-14)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7040	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 3 ( 2-2.5' ) (H253870-15)**

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	06/26/2025	ND	2.19	110	2.00	0.438	
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 3 ( 3-3.5' ) (H253870-16)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/26/2025  
Reported: 06/27/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: NOT GIVEN  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/26/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: AH - 3 ( 4-4.5' ) (H253870-17)**

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	06/26/2025	ND	2.19	110	2.00	0.438	
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 5 ( 0-1' ) (H253870-18)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.9 % 40.6-153

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 5 ( 1-1.5' ) (H253870-19)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 5 ( 2-2.5' ) (H253870-20)**

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	06/26/2025	ND	2.19	110	2.00	0.438		
Toluene*	<0.050	0.050	06/26/2025	ND	2.01	101	2.00	5.00		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.04	102	2.00	3.95		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	6.35	106	6.00	2.19		
Total BTEX	<0.300	0.300	06/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	06/27/2025	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	06/26/2025	ND	183	91.7	200	3.77	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	195	97.6	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 5 ( 3-3.5' ) (H253870-21)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 5 ( 4-4.5' ) (H253870-22)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5360	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 7 ( 0-1' ) (H253870-23)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 7 ( 1-1.5' ) (H253870-24)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 7 ( 2-2.5' ) (H253870-25)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.2 % 40.6-153

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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 7 ( 3-3.5' ) (H253870-26)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.0 % 40.6-153

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 7 ( 4-4.5' ) (H253870-27)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 8 ( 0-1' ) (H253870-28)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 8 ( 1-1.5' ) (H253870-29)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 8 ( 2-2.5' ) (H253870-30)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 8 ( 3-3.5' ) (H253870-31)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 8 ( 4-4.5' ) (H253870-32)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	29.3	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 9 ( 0-1' ) (H253870-33)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 9 ( 1-1.5' ) (H253870-34)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.6 % 40.6-153

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 9 ( 2-2.5' ) (H253870-35)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/26/2025  
 Reported: 06/27/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: NOT GIVEN  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/26/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: AH - 9 ( 3-3.5' ) (H253870-36)**

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	06/26/2025	ND	2.08	104	2.00	4.60	
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58	
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13	
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45	
Total BTEX	<0.300	0.300	06/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 9 ( 4-4.5' ) (H253870-37)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/27/2025	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	06/26/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 11 (0-1') (H253870-38)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	06/27/2025	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	06/27/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 11 ( 1-1.5' ) (H253870-39)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEx	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/27/2025	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	06/27/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 11 ( 2-2.5' ) (H253870-40)**

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	06/26/2025	ND	2.08	104	2.00	4.60		
Toluene*	<0.050	0.050	06/26/2025	ND	2.19	110	2.00	4.58		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	1.99	99.3	2.00	6.13		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.94	98.9	6.00	6.45		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2025	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	06/27/2025	ND	197	98.5	200	4.44	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	189	94.6	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 11 ( 3-3.5' ) (H253870-41)**

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	06/26/2025	ND	2.02	101	2.00	2.18		
Toluene*	<0.050	0.050	06/26/2025	ND	2.06	103	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.01	100	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.91	98.5	6.00	2.71		
Total BTEX	<0.300	0.300	06/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2025	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	06/26/2025	ND	221	111	200	3.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	216	108	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 11 ( 4-4.5' ) (H253870-42)**

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	06/26/2025	ND	2.02	101	2.00	2.18		
Toluene*	<0.050	0.050	06/26/2025	ND	2.06	103	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.01	100	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.91	98.5	6.00	2.71		
Total BTEX	<0.300	0.300	06/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2025	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	06/26/2025	ND	221	111	200	3.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	216	108	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.9 % 40.6-153

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 12 (0-1') (H253870-43)**

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	06/26/2025	ND	2.02	101	2.00	2.18		
Toluene*	<0.050	0.050	06/26/2025	ND	2.06	103	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.01	100	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.91	98.5	6.00	2.71		
Total BTEX	<0.300	0.300	06/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2025	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	06/26/2025	ND	221	111	200	3.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	216	108	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 79.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 12 ( 1-1.5' ) (H253870-44)**

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	06/26/2025	ND	2.02	101	2.00	2.18		
Toluene*	<0.050	0.050	06/26/2025	ND	2.06	103	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.01	100	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.91	98.5	6.00	2.71		
Total BTEX	<0.300	0.300	06/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/27/2025	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	06/26/2025	ND	221	111	200	3.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	216	108	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 12 ( 2-2.5' ) (H253870-45)**

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	06/26/2025	ND	2.02	101	2.00	2.18		
Toluene*	<0.050	0.050	06/26/2025	ND	2.06	103	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.01	100	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.91	98.5	6.00	2.71		
Total BTEX	<0.300	0.300	06/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2025	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	06/26/2025	ND	221	111	200	3.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	216	108	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 12 ( 3-3.5' ) (H253870-46)**

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	06/26/2025	ND	2.02	101	2.00	2.18		
Toluene*	<0.050	0.050	06/26/2025	ND	2.06	103	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.01	100	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.91	98.5	6.00	2.71		
Total BTEX	<0.300	0.300	06/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/27/2025	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	06/26/2025	ND	221	111	200	3.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	216	108	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/26/2025	Sampling Date:	06/26/2025
Reported:	06/27/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 12 ( 4-4.5' ) (H253870-47)**

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	06/26/2025	ND	2.02	101	2.00	2.18		
Toluene*	<0.050	0.050	06/26/2025	ND	2.06	103	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/26/2025	ND	2.01	100	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/26/2025	ND	5.91	98.5	6.00	2.71		
Total BTEX	<0.300	0.300	06/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/27/2025	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	06/26/2025	ND	221	111	200	3.44	
DRO >C10-C28*	<10.0	10.0	06/26/2025	ND	216	108	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	06/26/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.3 % 40.6-153

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---

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### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/5

Company Name: <u>Paralech</u>		P.O. #:		ANALYSIS REQUEST			
Project Manager: <u>William Lecker</u>		Company: <u>EOG</u>					
Address:		City:		State: <u>NM</u> Zip: <u>88240</u>			
City:		State:		Attn: <u>Joey Kennedy</u>			
Phone #:		Fax #:		Address:			
Project #:		Project Owner:		City:			
Project Name: <u>EOG Smoking to Galaxy</u>		State:		Zip:			
Project Location: <u>Lee County NM</u>		Phone #:		Fax #:			
Sampler Name: <u>William Lecker</u>		FOR LAB USE ONLY					
Lab I.D.		Sample I.D.					
H253870		H-1 (G-1)		DATE TIME			
1		H-2 (G-1)		7:15			
2		H-3 (G-1)		7:20			
3		H-4 (G-1)		7:25			
4		H-5 (G-1)		7:30			
5		H-6 (G-1)		7:35			
6		H-7 (G-1)		7:40			
7		H-8 (G-1)		7:45			
8		H-9 (G-1)		7:50			
9		H-10 (G-1)		7:55			
10				8:00			
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Relinquished By: <u>William Lecker</u>		Date: <u>6/20/05</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:			
Relinquished By: <u>William Lecker</u>		Time: <u>1:30</u>		All Results are emailed. Please provide Email address:			
Date: <u>6/20/05</u>		Received By: <u>William Lecker</u>		REMARKS: <u>EOG sample to tetra tech, com</u>			
Time: <u>1:30</u>							
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition			
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			
FORM 000-R-3-3 06/03/04		1.8		CHECKED BY: <u>AB</u>			
		2.81		Turnaround Time: <u>Standard</u> <input type="checkbox"/> <u>Rush</u> <input checked="" type="checkbox"/>			
				Thermometer ID #140 <u>103224M</u>			
				Correction Factor <u>0.0</u>			
				Bacteria (only) Sample Condition			
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			
				Observed Temp. °C			
				Corrected Temp. °C			

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/5

Company Name: <u>Tetra Tech</u>		P.O. #:		BILL TO		ANALYSIS REQUEST																	
Project Manager: <u>Brittany Long</u>		Company: <u>EOG</u>																					
Address:		Attn: <u>James Kennedy</u>																					
City:		Address:																					
Phone #:		City:																					
Fax #:		State:																					
Project #:		Zip:																					
Project Name: <u>EOG Smoking to Galaxy</u>		City:																					
Project Location: <u>Lea County NM</u>		State:																					
Sample Name: <u>William Erickson</u>		Phone #:																					
FOR LAB USE ONLY		Fax #:																					
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									
<u>HS3870</u>	<u>H-11 (0-1')</u>	<u>5</u>	<u>1</u>			<u>X</u>					<u>X</u>		<u>6/26/05</u>	<u>8:05</u>	<u>X</u>	<u>X</u>	<u>X</u>						
<u>12</u>	<u>H-12 (0-1')</u>												<u>8:10</u>	<u>8:15</u>									
<u>13</u>	<u>AH-3 (0-1')</u>												<u>8:20</u>	<u>8:25</u>									
<u>14</u>	<u>AH-3 (1-1.5')</u>												<u>8:30</u>	<u>8:35</u>									
<u>15</u>	<u>AH-3 (2-2.5')</u>												<u>8:40</u>	<u>8:45</u>									
<u>16</u>	<u>AH-3 (3-3.5')</u>												<u>8:50</u>	<u>8:55</u>									
<u>17</u>	<u>AH-3 (4-4.5')</u>												<u>9:00</u>										
<u>18</u>	<u>AH-5 (0-1')</u>																						
<u>19</u>	<u>AH-5 (1-1.5')</u>																						
<u>20</u>	<u>AH-5 (2-2.5')</u>																						

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Relinquished By: William Erickson Date: 6/26/05 Received By: Brittany Long Date: 6/26/05

Relinquished By: Brittany Long Date: 6/26/05 Received By: James Kennedy Date: 6/26/05

Delivered By: (Circle One) Observed Temp. °C 1.8 Sample Condition Cool Intact CHECKED BY: (initials)

Sampler - UPS - Bus - Other: Corrected Temp. °C 3.21 Yes No Yes No

Turnaround Time: Standard 24hr Rush 4hr Bacteria (only) Sample Condition Cool Intact Yes No Yes No Corrected Temp. °C

Thermometer ID #140 Correction Factor +0.3°C

REMARKS: Brittany Long@tetra tech. com

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

All Results are emailed. Please provide Email address:

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

 $\frac{3}{5}$ Page 52 of 54



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4/5

Company Name: <b>Tetra Tech</b>		P.O. #:		ANALYSIS REQUEST	
Project Manager: <b>Brittany Long</b>		Company: <b>EDG</b>			
Address:		Attn: <b>Jane Kennedy</b>			
City:		Address:			
State:		City:			
Zip:		State:			
Phone #:		Zip:			
Fax #:					
Project #:					
Project Name: <b>EDG Switching to Galaxy</b>					
Project Location: <b>Lea County, NM</b>					
Sampler Name: <b>William Elderson</b>		Phone #:			
FOR LAB USE ONLY		Fax #:			
Lab I.D.		Sample I.D.			
<b>A253870</b>		<b>31</b>			
<b>33</b>		<b>33</b>			
<b>33</b>		<b>33</b>			
<b>34</b>		<b>34</b>			
<b>35</b>		<b>35</b>			
<b>36</b>		<b>36</b>			
<b>37</b>		<b>37</b>			
<b>38</b>		<b>38</b>			
<b>39</b>		<b>39</b>			
<b>40</b>		<b>40</b>			
<b>AH-8 (3-3.5')</b>		<b>AH-8 (3-3.5')</b>			
<b>AH-8 (4-4.5')</b>		<b>AH-8 (4-4.5')</b>			
<b>AH-9 (0-1')</b>		<b>AH-9 (0-1')</b>			
<b>AH-9 (1-1.5')</b>		<b>AH-9 (1-1.5')</b>			
<b>AH-9 (2-2.5')</b>		<b>AH-9 (2-2.5')</b>			
<b>AH-9 (3-3.5')</b>		<b>AH-9 (3-3.5')</b>			
<b>AH-9 (4-4.5')</b>		<b>AH-9 (4-4.5')</b>			
<b>AH-10 (0-1')</b>		<b>AH-10 (0-1')</b>			
<b>AH-10 (1-1.5')</b>		<b>AH-10 (1-1.5')</b>			
<b>AH-11 (2-2.5')</b>		<b>AH-11 (2-2.5')</b>			
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Relinquished By: <b>William Elderson</b>		Date: <b>6/26/15</b>			
Time: <b>1:28</b>		Received By: <b>William Kennedy</b>			
Date: <b>6/26/15</b>		Received By: <b>William Kennedy</b>			
Time: <b>1:28</b>		Received By: <b>William Kennedy</b>			
Delivered By: (Circle One) <b>UPS</b>		Observed Temp. °C <b>1.8</b>			
Corrected Temp. °C <b>2.1</b>		Sample Condition <b>Intact</b>			
Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <b>(Initials)</b>			
Turnaround Time: <b>Standard</b>		Bacteria (only) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Thermometer ID #740		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Correction Factor +0.3°C		Sample Condition <b>Intact</b>			
Observed Temp. °C		Observed Temp. °C			
Corrected Temp. °C		Corrected Temp. °C			
REMARKS: <b>Brittany Long to the tech. com</b>					
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:			
All Results are emailed. Please provide Email address:					

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



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

Page 54 of 54



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

June 30, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EOG - SMOKING TO GALAXY

Enclosed are the results of analyses for samples received by the laboratory on 06/27/25 13:32.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/27/2025	Sampling Date:	06/27/2025
Reported:	06/30/2025	Sampling Type:	Soil
Project Name:	EOG - SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 1 (0-1') (H253903-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2025	ND	1.85	92.5	2.00	0.182	
Toluene*	<0.050	0.050	06/27/2025	ND	1.91	95.3	2.00	1.77	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.90	94.8	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.58	92.9	6.00	2.20	
Total BTX	<0.300	0.300	06/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/30/2025	ND	400	100	400	7.69	

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	06/27/2025	ND	232	116	200	4.01	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	227	113	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.4 % 40.6-153

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

Received: 06/27/2025  
 Reported: 06/30/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: 212C-MD-02958  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 1 (1-1.5') (H253903-02)**

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	06/27/2025	ND	1.85	92.5	2.00	0.182	
Toluene*	<0.050	0.050	06/27/2025	ND	1.91	95.3	2.00	1.77	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.90	94.8	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.58	92.9	6.00	2.20	
Total BTEX	<0.300	0.300	06/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/30/2025	ND	400	100	400	7.69		

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	06/27/2025	ND	232	116	200	4.01	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	227	113	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 1 (2-2.5') (H253903-03)**

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	06/27/2025	ND	1.85	92.5	2.00	0.182	
Toluene*	<0.050	0.050	06/27/2025	ND	1.91	95.3	2.00	1.77	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.90	94.8	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.58	92.9	6.00	2.20	
Total BTEX	<0.300	0.300	06/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/30/2025	ND	400	100	400	7.69		

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	06/27/2025	ND	232	116	200	4.01	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	227	113	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.4 % 40.6-153

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

Received: 06/27/2025  
 Reported: 06/30/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: 212C-MD-02958  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 1 (3-3.5') (H253903-04)**

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	06/27/2025	ND	1.85	92.5	2.00	0.182		
Toluene*	<0.050	0.050	06/27/2025	ND	1.91	95.3	2.00	1.77		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.90	94.8	2.00	2.02		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.58	92.9	6.00	2.20		
Total BTEX	<0.300	0.300	06/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/30/2025	ND	400	100	400	7.69	

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	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
 Reported: 06/30/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: 212C-MD-02958  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 1 (4-4.5') (H253903-05)**

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	06/27/2025	ND	1.85	92.5	2.00	0.182		
Toluene*	<0.050	0.050	06/27/2025	ND	1.91	95.3	2.00	1.77		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.90	94.8	2.00	2.02		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.58	92.9	6.00	2.20		
Total BTEX	<0.300	0.300	06/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/30/2025	ND	400	100	400	7.69	

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	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 2 (0-1') (H253903-06)**

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	06/27/2025	ND	1.85	92.5	2.00	0.182		
Toluene*	<0.050	0.050	06/27/2025	ND	1.91	95.3	2.00	1.77		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	1.90	94.8	2.00	2.02		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	5.58	92.9	6.00	2.20		
Total BTEX	<0.300	0.300	06/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/30/2025	ND	400	100	400	7.69		

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	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.1 % 40.6-153

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 2 (1-1.5') (H253903-07)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.7 % 40.6-153

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 2 (2-2.5') (H253903-08)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 2 (3-3.5') (H253903-09)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500CI-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	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 2 (4-4.5') (H253903-10)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/30/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
 Reported: 06/30/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: 212C-MD-02958  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 4 (0-1') (H253903-11)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

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	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 4 (1-1.5') (H253903-12)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 4 (2-2.5') (H253903-13)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/30/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 4 (3-3.5') (H253903-14)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 76.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 4 (4-4.5') (H253903-15)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.5 % 40.6-153

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 6 (0-1') (H253903-16)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

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	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 99.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 6 (1-1.5') (H253903-17)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 96.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 6 (2-2.5') (H253903-18)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38	
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63	
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61	
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46	
Total BTEX	<0.300	0.300	06/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 6 (3-3.5') (H253903-19)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 6 (4-4.5') (H253903-20)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 10 (0-1') (H253903-21)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
Reported: 06/30/2025  
Project Name: EOG - SMOKING TO GALAXY  
Project Number: 212C-MD-02958  
Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 10 (1-1.5') (H253903-22)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
 Reported: 06/30/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: 212C-MD-02958  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 10 (2-2.5') (H253903-23)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

Chloride, SM4500CI-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	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	186	93.1	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	199	99.7	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/27/2025  
 Reported: 06/30/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: 212C-MD-02958  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 10 (3-3.5') (H253903-24)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEX	<0.300	0.300	06/27/2025	ND						

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

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	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	228	114	200	2.79	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	229	114	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 83.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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

Received: 06/27/2025  
 Reported: 06/30/2025  
 Project Name: EOG - SMOKING TO GALAXY  
 Project Number: 212C-MD-02958  
 Project Location: EOG - LEA COUNTY, NM

Sampling Date: 06/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: AH - 10 (4-4.5') (H253903-25)**

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	06/27/2025	ND	2.00	99.8	2.00	5.38		
Toluene*	<0.050	0.050	06/27/2025	ND	2.16	108	2.00	2.63		
Ethylbenzene*	<0.050	0.050	06/27/2025	ND	2.01	101	2.00	1.61		
Total Xylenes*	<0.150	0.150	06/27/2025	ND	6.04	101	6.00	1.46		
Total BTEx	<0.300	0.300	06/27/2025	ND						

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

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	06/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2025	ND	228	114	200	2.79	
DRO >C10-C28*	<10.0	10.0	06/27/2025	ND	229	114	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/27/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.0 % 40.6-153

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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

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Celey D. Keene, Lab Director/Quality Manager

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/3

<b>Company Name:</b> Tetra Tech <b>Project Manager:</b> Brittany Long <b>Address:</b> <b>City:</b> State: Zip: <b>Phone #:</b> Fax #: <b>Project #:</b> Project Owner: <b>Project Name:</b> EOG Smoking to Bakery <b>Project Location:</b> Lea County, NM <b>Sample Name:</b> William Egleston <b>FOR LAB USE ONLY</b>				<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> EOG <b>Attn:</b> James Kennedy <b>Address:</b> <b>City:</b> State: Zip: <b>Phone #:</b> Fax #: <b>Matrix:</b> GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: <b>Preserv:</b> ACID/BASE, ICE / COOL, OTHER:				<b>ANALYSIS REQUEST</b>			
<b>Lab I.D.:</b> H253903 <b>Sample I.D.:</b>				<b>DATE</b>				<b>TIME</b>			
11 AH-4 (0-1') 6 (G)RAB OR (C)OMP. # CONTAINERS 12 AH-4 (1-1.5') 1 13 AH-4 (2-2.5') 14 AH-4 (3-3.5') 15 AH-4 (4-4.5') 16 AH-6 (0-1') 17 AH-6 (1-1.5') 18 AH-6 (2-2.5') 19 AH-6 (3-3.5') 20 AH-6 (4-4.5')				6/27/03 11:00 11:00 11:00 11:00 11:00 11:15 11:15 11:15 11:15 11:15				Chloride 4500.8 BTEX TPH 10154 GRG-DRO-CRO			
<b>Relinquished By:</b> William Egleston <b>Date:</b> 6/27/03 <b>Time:</b> 13:32 <b>Received By:</b> Sheldrick <b>Date:</b> 6/27/03 <b>Time:</b> 13:32 <b>Received By:</b> Sheldrick				<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <b>All Results are emailed. Please provide Email address:</b> <b>REMARKS:</b> Brittany Long @ the lab.com Miguel Flores @ tetra tech.com							
<b>Delivered By:</b> (Circle One) <b>Sampler - UPS - Bus - Other:</b>				<b>Observed Temp. °C:</b> 1.4 <b>Corrected Temp. °C:</b> 1.7 <b>Sample Condition:</b> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <b>CHECKED BY:</b> (Initials) SK				<b>Turnaround Time:</b> Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> <b>Thermometer ID #140</b> <b>Correction Factor +0.3°C</b> <b>Bacteria (only) Sample Condition:</b> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Observed Temp. °C:</b> <b>Corrected Temp. °C:</b>			

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

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September 19, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SMOKING TO GALAXY

Enclosed are the results of analyses for samples received by the laboratory on 09/17/25 12:03.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/17/2025	Sampling Date:	09/16/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03911	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 13 ( 0-1.0' ) (H255810-01)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTX	<0.300	0.300	09/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	209	104	200	0.303	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	226	113	200	1.00	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/17/2025  
 Reported: 09/19/2025  
 Project Name: SMOKING TO GALAXY  
 Project Number: 212C-MD-03911  
 Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 14 ( 0-1.0' ) (H255810-02)**

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	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTEX	<0.300	0.300	09/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	09/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/17/2025  
Reported: 09/19/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: H - 15 ( 0-1.0' ) (H255810-03)**

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	09/17/2025	ND	1.63	81.5	2.00	17.2	
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76	
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73	
Total BTEX	<0.300	0.300	09/17/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/17/2025  
 Reported: 09/19/2025  
 Project Name: SMOKING TO GALAXY  
 Project Number: 212C-MD-03911  
 Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 16 ( 0-1.0' ) (H255810-04)**

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	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTEX	<0.300	0.300	09/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/17/2025  
Reported: 09/19/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: H - 17 ( 0-1.0' ) (H255810-05)**

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	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTEX	<0.300	0.300	09/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/17/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.6 % 40.6-153

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

Received: 09/17/2025  
Reported: 09/19/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: H - 18 ( 0-1.0' ) (H255810-06)**

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	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTEX	<0.300	0.300	09/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.1 % 40.6-153

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

Received: 09/17/2025  
Reported: 09/19/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: H - 19 ( 0-1.0' ) (H255810-07)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTX	<0.300	0.300	09/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/17/2025  
Reported: 09/19/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: H - 20 ( 0-1.0' ) (H255810-08)**

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	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTEX	<0.300	0.300	09/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/17/2025  
Reported: 09/19/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: H - 21 ( 0-1.0' ) (H255810-09)**

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	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTEX	<0.300	0.300	09/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/17/2025  
 Reported: 09/19/2025  
 Project Name: SMOKING TO GALAXY  
 Project Number: 212C-MD-03911  
 Project Location: EOG - LEA CO NM

Sampling Date: 09/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 22 ( 0-1.0' ) (H255810-10)**

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	09/17/2025	ND	1.63	81.5	2.00	17.2		
Toluene*	<0.050	0.050	09/17/2025	ND	1.73	86.3	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.77	88.5	2.00	9.76		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.50	91.6	6.00	8.73		
Total BTEX	<0.300	0.300	09/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2025	ND	215	108	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/17/2025	ND	204	102	200	0.793	
EXT DRO >C28-C36	<10.0	10.0	09/17/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



---

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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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

Celey D. Keene, Lab Director/Quality Manager



**Tetra Tech, Inc.**

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

Client Name:	EOG	Site Manager:	Brittany Long
--------------	-----	---------------	---------------

Project Name: Smoking to Galaxy (432) 741-5813

Project Location: (county, state)	Lea County, NM
Project #:	212C-MD-0391

**Invoice to:**

**EOG ATTN: Todd Wells**

Receiving Laboratory:	Sampler Signature:
	Garv Allen

Comments:

Chloride 4500 (NM site)      Include Miguel Flores in results [miguel.flores@tertatech.com](mailto:miguel.flores@tertatech.com)

LAB #

( LAB USE ONLY )

SAMPLE IDENTIFICATION

[illegible]

Relinquished by:  Date: Time: 1703

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

### ANALYSIS REQUEST

(Circle or Specify Method No.)

REMARKS:

LAB USE ONLY

Sample Temperature

☒ **RUSH:** Same Day   24 hr   48 hr   72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

☐ Special Report Limits or TRRP Report

((Circle) HAND DELIVERED FEDEX UPS Tracking #

ORIGINAL COPY



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

September 23, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SMOKING TO GALAXY

Enclosed are the results of analyses for samples received by the laboratory on 09/22/25 16:03.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (1.0') (H255923-01)**

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	09/22/2025	ND	1.96	98.1	2.00	2.41		
Toluene*	<0.050	0.050	09/22/2025	ND	1.89	94.5	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.96	97.8	2.00	2.44		
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.73	95.5	6.00	1.51		
Total BTEx	<0.300	0.300	09/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	09/23/2025	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	09/22/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/22/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/22/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (2.0') (H255923-02)**

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	09/22/2025	ND	1.96	98.1	2.00	2.41		
Toluene*	<0.050	0.050	09/22/2025	ND	1.89	94.5	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.96	97.8	2.00	2.44		
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.73	95.5	6.00	1.51		
Total BTEX	<0.300	0.300	09/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 70.4-141

Chloride, SM4500CI-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	09/23/2025	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	09/22/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/22/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/22/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.5 % 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  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (3.0') (H255923-03)**

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	09/22/2025	ND	1.96	98.1	2.00	2.41	
Toluene*	<0.050	0.050	09/22/2025	ND	1.89	94.5	2.00	0.991	
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.96	97.8	2.00	2.44	
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.73	95.5	6.00	1.51	
Total BTEX	<0.300	0.300	09/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	09/23/2025	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	09/22/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/22/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/22/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
 Reported: 09/23/2025  
 Project Name: SMOKING TO GALAXY  
 Project Number: 212C-MD-03911  
 Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (4.0') (H255923-04)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2025	ND	1.96	98.1	2.00	2.41	
Toluene*	<0.050	0.050	09/22/2025	ND	1.89	94.5	2.00	0.991	
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.96	97.8	2.00	2.44	
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.73	95.5	6.00	1.51	
Total BTX	<0.300	0.300	09/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500CI-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	09/23/2025	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	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 87.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (5.0') (H255923-05)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2025	ND	1.96	98.1	2.00	2.41	
Toluene*	<0.050	0.050	09/22/2025	ND	1.89	94.5	2.00	0.991	
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.96	97.8	2.00	2.44	
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.73	95.5	6.00	1.51	
Total BTX	<0.300	0.300	09/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 70.4-141

Chloride, SM4500CI-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	09/23/2025	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	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (6.0') (H255923-06)**

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	09/22/2025	ND	1.72	86.1	2.00	2.59		
Toluene*	<0.050	0.050	09/22/2025	ND	1.78	89.2	2.00	2.91		
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.79	89.5	2.00	2.87		
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.25	87.5	6.00	2.83		
Total BTEX	<0.300	0.300	09/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 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	3360	16.0	09/23/2025	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	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (7.0') (H255923-07)**

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	09/22/2025	ND	1.72	86.1	2.00	2.59		
Toluene*	<0.050	0.050	09/22/2025	ND	1.78	89.2	2.00	2.91		
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.79	89.5	2.00	2.87		
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.25	87.5	6.00	2.83		
Total BTEx	<0.300	0.300	09/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	09/23/2025	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	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
 Reported: 09/23/2025  
 Project Name: SMOKING TO GALAXY  
 Project Number: 212C-MD-03911  
 Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (8.0') (H255923-08)**

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	09/22/2025	ND	1.72	86.1	2.00	2.59	
Toluene*	<0.050	0.050	09/22/2025	ND	1.78	89.2	2.00	2.91	
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.79	89.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.25	87.5	6.00	2.83	
Total BTEX	<0.300	0.300	09/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 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	752	16.0	09/23/2025	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	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (9.0') (H255923-09)**

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	09/22/2025	ND	1.72	86.1	2.00	2.59	
Toluene*	<0.050	0.050	09/22/2025	ND	1.78	89.2	2.00	2.91	
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.79	89.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.25	87.5	6.00	2.83	
Total BTEX	<0.300	0.300	09/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 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	640	16.0	09/23/2025	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	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (10.0') (H255923-10)**

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	09/22/2025	ND	1.72	86.1	2.00	2.59		
Toluene*	<0.050	0.050	09/22/2025	ND	1.78	89.2	2.00	2.91		
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.79	89.5	2.00	2.87		
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.25	87.5	6.00	2.83		
Total BTEX	<0.300	0.300	09/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 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	2270	16.0	09/23/2025	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	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.1 % 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  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (11.0') (H255923-11)**

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	09/22/2025	ND	1.72	86.1	2.00	2.59		
Toluene*	<0.050	0.050	09/22/2025	ND	1.78	89.2	2.00	2.91		
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.79	89.5	2.00	2.87		
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.25	87.5	6.00	2.83		
Total BTEx	<0.300	0.300	09/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	09/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/22/2025  
Reported: 09/23/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 09/22/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (12.0') (H255923-12)**

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	09/22/2025	ND	1.72	86.1	2.00	2.59	
Toluene*	<0.050	0.050	09/22/2025	ND	1.78	89.2	2.00	2.91	
Ethylbenzene*	<0.050	0.050	09/22/2025	ND	1.79	89.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	09/22/2025	ND	5.25	87.5	6.00	2.83	
Total BTEX	<0.300	0.300	09/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	09/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2025	ND	196	97.9	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/23/2025	ND	203	101	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/23/2025	ND					

Surrogate: 1-Chlorooctane 82.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.0 % 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, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



**Tetra Tech, Inc.**

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

Page 1 of 1

Page 15 of 16

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Released to Imaging: 1/16/2026 8:17:40 AM

Analysis Request of Custody Record



Tetra Tech, Inc.

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

Client Name:

Site Manager:

EOG

Brittany Long

Project Name:

(432) 741-5813

Project Location: (county, state)

Smoking to Galaxy

Lea County, NM

Project #:

212C-MD-03911

Invoice to:

EOG ATTN: Todd Wells

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Gary Allen

Comments:

Chloride 4500 (NM site) Include Miguel Flores in results miguel.flores@tetratech.com

SAMPLE IDENTIFICATION

LAB USE ONLY

DATE

TIME

WATER

SOIL

HCL

HNO<sub>3</sub>

ICE

# CONTAINERS

FILTERED (Y/N)

BTEX 8021B

BTEX 8260B

TPH TX1005 (Ext to C35)

TPH 8015M ( GRO - DRO - ORO )

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride 4500

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

LAB USE ONLY

LAB #

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T-1 (11.0')

9/22/2025

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(Circle or Specify Method No.)

ANALYSIS REQUEST

Relinquished by:

Date: Time:

Received by:

Date: Time:

Relinquished by:

Date: Time:

Received by:

Date: Time:

Relinquished by:

Date: Time:

Received by:

Date: Time:

REMARKS:

LAB USE ONLY

Sample Temperature

43.3/44.6

CF-10.3c

#140

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #

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

October 09, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SMOKING TO GALAXY

Enclosed are the results of analyses for samples received by the laboratory on 10/08/25 12:53.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/08/2025	Sampling Date:	10/08/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	SMOKING TO GALAXY	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03911	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: T - 1 ( 13.0' ) (H256293-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2025	ND	2.00	100	2.00	1.24	
Toluene*	<0.050	0.050	10/08/2025	ND	1.98	99.0	2.00	0.781	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.00	99.9	2.00	0.410	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.65	94.2	6.00	0.602	
Total BTX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	10/09/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/08/2025	ND	219	110	200	1.87	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	102	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.7 % 39.9-141

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/08/2025  
Reported: 10/09/2025  
Project Name: SMOKING TO GALAXY  
Project Number: 212C-MD-03911  
Project Location: EOG - LEA CO NM

Sampling Date: 10/08/2025  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: T - 1 ( 14.0' ) (H256293-02)**

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	10/08/2025	ND	2.00	100	2.00	1.24		
Toluene*	<0.050	0.050	10/08/2025	ND	1.98	99.0	2.00	0.781		
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.00	99.9	2.00	0.410		
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.65	94.2	6.00	0.602		
Total BTEx	<0.300	0.300	10/08/2025	ND						

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

Chloride, SM4500CI-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	10/09/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/08/2025	ND	219	110	200	1.87	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	102	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.5 % 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, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



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 541928

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 541928
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2516151980
Incident Name	NAPP2516151980 SMOKIN TO GALAXY TRANSFER LINE RELEASE @ A-18-24S-33E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

**Location of Release Source**

Please answer all the questions in this group.

Site Name	Smokin to Galaxy Transfer Line Release
Date Release Discovered	06/09/2025
Surface Owner	State

**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: Equipment Failure   Pipeline (Any)   Produced Water   Released: 510 BBL   Recovered: 370 BBL   Lost: 140 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.

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 541928

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 541928
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 01/11/2026
--	--

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

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

QUESTIONS, Page 3

Action 541928

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 541928
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Site Characterization</b>	
<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 75 and 100 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

<b>Remediation Plan</b>	
<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
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	7040
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<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	02/16/2026
On what date will (or did) the final sampling or liner inspection occur	02/23/2026
On what date will (or was) the remediation complete(d)	03/02/2026
What is the estimated surface area (in square feet) that will be reclaimed	9830
What is the estimated volume (in cubic yards) that will be reclaimed	3972
What is the estimated surface area (in square feet) that will be remediated	9830
What is the estimated volume (in cubic yards) that will be remediated	3972
<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>	

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QUESTIONS, Page 4

Action 541928

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 541928
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<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>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fJEG1635837366 OWL LANDFILL JAL
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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>	
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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 01/11/2026
<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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QUESTIONS, Page 5

Action 541928

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 541928
	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 541928

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 541928
	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	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 541928

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 541928
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. The variance request for 400 ft2 confirmation samples is denied. Collect 5-point confirmation samples every 200 ft2 throughout the entire release area and not just at delineation sample point locations that show contaminants over closure criteria standards. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site receptor characterization/proven depth to water determination. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All off-pad areas must meet reclamation standards in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed.	1/16/2026