
EOG Resources

Site Remediation Work Plan

HYW 128 Riser Release

212C-MD-03964
December 30, 2025





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December 30, 2025

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

**RE: Proposal Remediation Work Plan
EOG Resources
HYW 128 Riser Release
Unit Letter I, Section 23, Township 24 South, Range 24 East
Eddy County, New Mexico
nAPP2525936329**

INTRODUCTION

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the HYW 128 Riser Release footprint is located in the Public Land Survey System (PLSS), Unit I, Section 23, Township 24 South, Range 24 East, Eddy County, New Mexico (Site). The spill site coordinates are 32.200115°, -103.432724°. This plan outlines specific task to be performed in accordance with New Mexico Oil Conservation Division (NMOCD) regulations and guidelines for assessing the Site. The site location is indicated in **Figures 1 and 2**.

BACKGROUND

According to the State of New Mexico C-141 Initial Report, the release at the Site was caused by livestock damaging the fuel line attached to the booster pump outside the containment, causing the release of 19 bbls of diesel. The release occurred within the ROW along the pasture, impacting an area of 89' in length and between 7' and 15' in width. On September 01, 2025, the release was discovered and reported to the New Mexico Oil Conservation Division (NMOCD). The C-141 is shown in **Appendix A**.

SITE CHARACTERIZATION

A site characterization has been performed for the general vicinity of the Site to assess potential sensitive receptors.

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. Additionally, the site is located in a low karst area. The NFHL Map, USGS Mapper, and Karst map are shown in **Appendix B**.





No lakebeds, sinkholes, playa lakes, occupied permanent residences, schools, hospitals, institutions, churches, springs, private domestic freshwater wells, incorporated municipal boundaries, a defined municipal freshwater well field, subsurface mines, or 100-year floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). Additionally, the Site is located in an area of low karst potential, indicating a low probability of encountering cave structures.

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 2-mile radius of the Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 250 ft bgs determine to be a dry bore and is approximately 0.15 miles of the Site. The well reported on the USGS National Water Information System reports a total depth of 257 ft bgs and water level measured at 223.94 ft bgs and is approximately 1.56 miles of the Site. The groundwater information is shown in **Appendix B**.

Distance from Site	Date of Data	Resources of Information	Depth of Well	Depth to Water
0.15 Miles	4/28/2023	NMOSE	250'	Dry Bore
1.56 Miles	01/16/2013	USGS	257'	223.94'

Cultural and Biological Resources

Prior to delineation activities, EOG contacted Goshawk Environmental to conduct a cultural resources survey to ensure no cultural or archaeological sites were found within the area of potential impact. The Comprehensive Resource Review shows that no cultural or archaeological sites are present in the area of impact or directly adjacent areas. The Comprehensive Resource Review is shown in **Appendix C**. Additionally, it has been determined that the impact is located within the area permitted by the current EOG Right of Entry (ROE) permit.

An Archaeological Records Management Section (ARMS) inspection, which includes research of the New Mexico Cultural Resources Information System (NMCRIS) and other resources maintained by the ARMS of the historic preservation division, as stated in 19.2.24.7 NMAC, was conducted in accordance with 4.10.15 NMAC. Following the completion of the ARMS inspection, it was determined that the entire remediation area and buffer zone is covered by a previous Archaeological Survey.

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 site is located within a determined isolated population area of the Lesser Prairie-Chicken (LEPC) and Northern Aplomado Falcon as presented on the BLM LEPC map, which is presented in **Appendix C**. Upon further review of the BLM Plant and Wildlife Habitat mapping resource, there are no other sensitive biological species documented at this time for the Site, and there are no critical habitats at this location. However, in addition to the Lesser Prairie-Chicken, and Northern Aplomado Falcon





the Monarch Butterfly is listed on the USFWS IPaC resource as “Proposed Threatened”, respectively. Observation onsite will take place prior to and during remediation activities to determine the presence of the Monarch Butterfly and prevent sensitive habitat and plant destruction. The BLM maps and USFWS IPaC information are presented in **Appendix C**.

Since the site is located within a determined isolated population area of the LEPC, the site will comply with the following restrictions:

- Once NMOCD has approved any plans for site assessment, remediation, or reclamation, removal of native vegetation will not take place during the BLM Timing and Noise Restriction Zone, which is between 3:00 AM and 9:00 AM, during dates ranging from March 1 to June 15. If the BLM Timing and Noise Restriction Zone are adjusted in any way, EOG will comply with the most current guidelines at the time of remediation and reclamation activities.
- If an LEPC is observed during construction, the following protocols will be followed:
 - The Field Supervisor/Crew Leader will be contacted and provided with the following information:
 - Observer, date, and time of observation;
 - Location of observation along the Project route (GPS coordinates); and
 - Number of individual birds observed.
 - The Field Supervisor/Crew Leader will contact the appropriate Tetra Tech project team lead and/or a Tetra Tech Biologist/Prairie-chicken specialist;
 - The appropriate project team lead and/or Tetra Tech Biologist/Prairie-chicken specialist will contact the appropriate federal and non-governmental organization (NGO) agencies for guidance and next steps:
 - United States Fish and Wildlife Service (USFWS);
 - Center for Excellence in Hazardous Materials Management (CEHMM); and
 - BLM.

All survey and construction crews will be provided with materials that include the protocols listed above, the names and telephone numbers of the contacts listed above, and descriptions of the LEPC. These materials will also inform all crews that if one or more LEPCs are observed, crews must avoid disturbing the birds, notify their supervisors immediately, and not handle any injured or dead birds

REGULATORY FRAMEWORK

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

In accordance to the site characterization the following reclamation RRALs for surface soils (0-4 ft bgs) are as follows:

<i>Table A 19.15.29.12 NMAC</i>	
Constituent	Reclamation RRAL
Chloride	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg

mg/kg – milligrams per kilograms (NMOCD)





Additionally, based upon the site characterization, the proposed extended remediation RRALs at depths of 4.0 ft bgs or deeper are as follows:

<i>Table B. 19.15.29.12 NMAC</i>	
Constituent	Remediation RRAL
Chloride	10,000 mg/kg
BTEX	50 mg/kg

mg/kg – milligrams per kilograms (NMOCD)

Additionally, according to the NMOCD email request received on September 22, 2025 and shown in **Appendix D** the site will follow screening values of Table A-1 of New Mexico Environment Department (NMED) *Risk Assessment Guidance for Site Investigation and Remediation Vol I Soil Screening Guidance for Human Health Risk Assessments, Total Petroleum Hydrocarbons (TPH), 6.3 Determination of Groundwater and Soil-to-Groundwater Screening Criteria for Petroleum Hydrocarbons Releases*, updated June 2022. The requested analytes, indicator compounds as summarized in Table 6-3 of the NMED document (with the exception of Lead and Metals), and screening values were used to determine recommended remedial action levels (RRALs) for the diesel spill for Indicator Polynuclear Aromatic Compounds (PACs) and Polychlorinatedbiphenyls (PCBs) in soil. Additionally, as requested by the NMOCD, Table 6-4 of the NMED document for Petroleum Products will be followed for RRALs of Diesel #2, Waste Oil, and Gasoline.

In accordance to the site characterization and the NMOCD requests, the following RRALs for soil are as follows:

<i>Table C. Total Petroleum Hydrocarbons TPH</i>	
<i>Indicator Polynuclear Aromatic Compounds (PACs) (6-3, A-1)</i>	
Constituent	Remediation RRAL
Acenaphthene	82.5 mg/kg
Anthracene	851 mg/kg
Benzo (a) anthracene	0.63 mg/kg
Benzo (b) fluoranthene	6.17 mg/kg
Benzo (k) fluoranthene	60.5 mg/kg
Benzo (a) pyrene	4.42 mg/kg
Chrysene	186 mg/kg
Dibenz (a,h) anthracene	1.97 mg/kg
Fluoranthene	1,340 mg/kg
Fluorene	80.0 mg/kg
Indeno (1,2,3 -cd) pyrene	20.1 mg/kg
Methyl ethyl ketone	20.1 mg/kg
Methyl isobutyl ketone	4.80 mg/kg
Methyl-tert butyl-ether	0.053 mg/kg
Naphthalene	0.058 mg/kg
<i>Indicator Polychlorinatedbiphenyls (PCBs) (6-3, A-1)</i>	
Constituent	Remediation RRAL
Pyrene	192 mg/kg
<i>SL-SSLs Petroleum Products (6-4)</i>	
Constituent	Remediation RRAL
Diesel #2	13.2 mg/kg
Waste Oil	15,200 mg/kg
Gasoline	4.94 mg/kg

mg/kg – milligrams per kilograms (NMED)





SITE ASSESSMENT ACTIVITIES

Tetra Tech conducted site assessment activities during September and October of 2025. A total of five (5) auger holes (AH-1 through AH-5) were installed to depths ranging from surface to 1.5 ft bgs, and a total of eleven (11) horizontals (H-1 through H-11) were installed to total depths ranging from surface to 1.0 ft bgs, to horizontally delineate the impact area, deeper samples were not collected due to dense geological formation. Additionally, a total of two (2) trenches (T-1 and T-2), were installed to depths ranging from surface to 4.0 ft bgs, to attempt to assess and vertically delineate the impacted area and two (2) auger holes (HA-1 and HA-2) were installed to a total depth of 0-1.0' ft bgs. The impact and sample locations are shown on **Figure 3**.

The samples were submitted to Cardinal Laboratory in Hobbs, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, PAH 8270 C, Volatile 8260, and Chloride EPA method 4500 The analytical results are summarized in **Table 1 and Table 2** and the analytical laboratory reports are included in **Appendix E**.

SUMMARY OF SAMPLING RESULTS OF SEPTEMBER/OCTOBER 2025

Referring to Table 1, auger holes (AH-1 through AH-5) report TPH concentrations above RRALs, with concentrations ranging from 14,037 mg/kg to 33,810mg/kg at 1.0 ft bgs, respectively. However, vertical delineation of TPH was not found in any of the augers (AH-1 through AH-5) due to hitting refusal due to the dense geological formation. Additionally, auger holes (AH-1 through AH-5), trenches (T-1 and T-2), and horizontals (H-1 through H-11 and HA-1 and HA-2) did not indicate chloride concentrations above RRALs.

Referring to Table 2, trenches (T-1 and T-2) reported indicator Polynuclear Aromatic Compounds (PACs) concentrations ranging from 0.053 mg/kg to 10 mg/kg at depths ranging from surface to 4.0 ft bgs. Additionally, no Polychlorinatedbiphenyls (PCBs) were indicated in trenches (T-1 and (T-2) above the RRALs, respectively. In addition to the trenches, the horizontals (H-6 through H-11) and auger holes (HA-1 and HA-2), reported PAC and PCB concentrations below RRALs.

REMEDIATION WORK PLAN

Based on the release of incident data C-141 (nAPP2525936329) and Tetra Tech performed site characterization research, assessment activities and analytical laboratory results from September and October 2025 sampling event, EOG has prepared this remediation workplan to address identified delineation impacts outside the immediate infrastructure and equipment footprint and surrounding area. **Figure 4** indicates the initial remediation activities to take place. Additionally, further delineation will be required as vertical sampling was not feasible due to infrastructure and working equipment being in use and present on top of the release area. As a result the assessment could not be safely completed without the chance of causing an additional release. Following NMOCD approval of the remediation work plan, the additional delineation and remediation will take place in the next 90 days once the production schedule allows the movement of the in-use infrastructure with minimal risk of damage, release, and health and safety concerns. Following the additional delineation, complete remediation will be conducted at the site. EOG proposes to excavate and dispose of impacted material within the release areas until confirmation samples demonstrate impact above remediation RRALs have been fully remediated. The proposed remediation activities are indicated on **Figure 4**.

Heavy equipment will be positioned no closer than two feet to any pressurized lines. Impacted soils within the vicinity of the surface and subsurface lines that intersect the release footprint will be excavated with hydrovac excavation or dug by hand to the maximum extent practicable.





Excavated soil will be transported off-site and disposed of at an NMOCD-approved or permitted facility. Sampling notifications will be submitted to the NMOCD in accordance with 19.15.29.12 NMAC. EOG will remediate the impacted areas to reclamation standards within the top 4.0 ft, and the soil beyond the top 4.0 ft will be remediated to the RRALs as proposed. The impacted area is subject to additional delineation and remediation as indicated in **Table 1**, **Table 2** and shown in **Figure 4**. Following excavation, 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 are summarized in the above tables (Table A and Table B). Additionally, at request from NMOCD from the email dated September 22, 2025, the criteria and guidelines for remediation will be in accordance to the NMED *Risk Assessment Guidance for Site Investigation and Remediation Vol 1 Soil Screening Guidance for Human Health Risk Assessments, 6.3 Determination of Groundwater and Soil-to-Groundwater Screening Criteria for Petroleum Hydrocarbons Releases*, updated June 2022, the RRALs that will be follow for the site will be held to State of New Mexico Soil Screening Levels Hazardous Water Bureau and the Ground Water Quality Bureau Voluntary Remediation Program RRALs reference in the **Table C**. The NMOCD email is included in **Appendix D**. Five-point composite confirmation bottom hole and sidewall samples will be installed within the remediated areas on a 200 square foot basis. Once the final analytical results are received, demonstrating clean margins, the excavation will be backfilled with clean surface grade, sourced from a local supplier, prior to preparing the seed bed and reseeding the area. Site Assessment and Remediation Confirmation sampling will guide the actual volumes of excavated and backfill material.

Additionally, EOG requested a 30-day extension on December 01, 2025, for the submittal of the remediation work plan, which was approved on December 1, 2025. State correspondence is included in **Appendix D**. The C-141 is included in **Appendix A**.

CONCLUSION

If you have any questions concerning the soil assessment or the proposed remediation activities for the Site, do not hesitate to contact Brittany Long (432) 682-4559 or Clair Gonzales at (432) 260-8634.

Respectfully submitted,
Tetra Tech, Inc.



Miguel Flores,
 Project Supervisor



Brittany Long,
 Project Manager



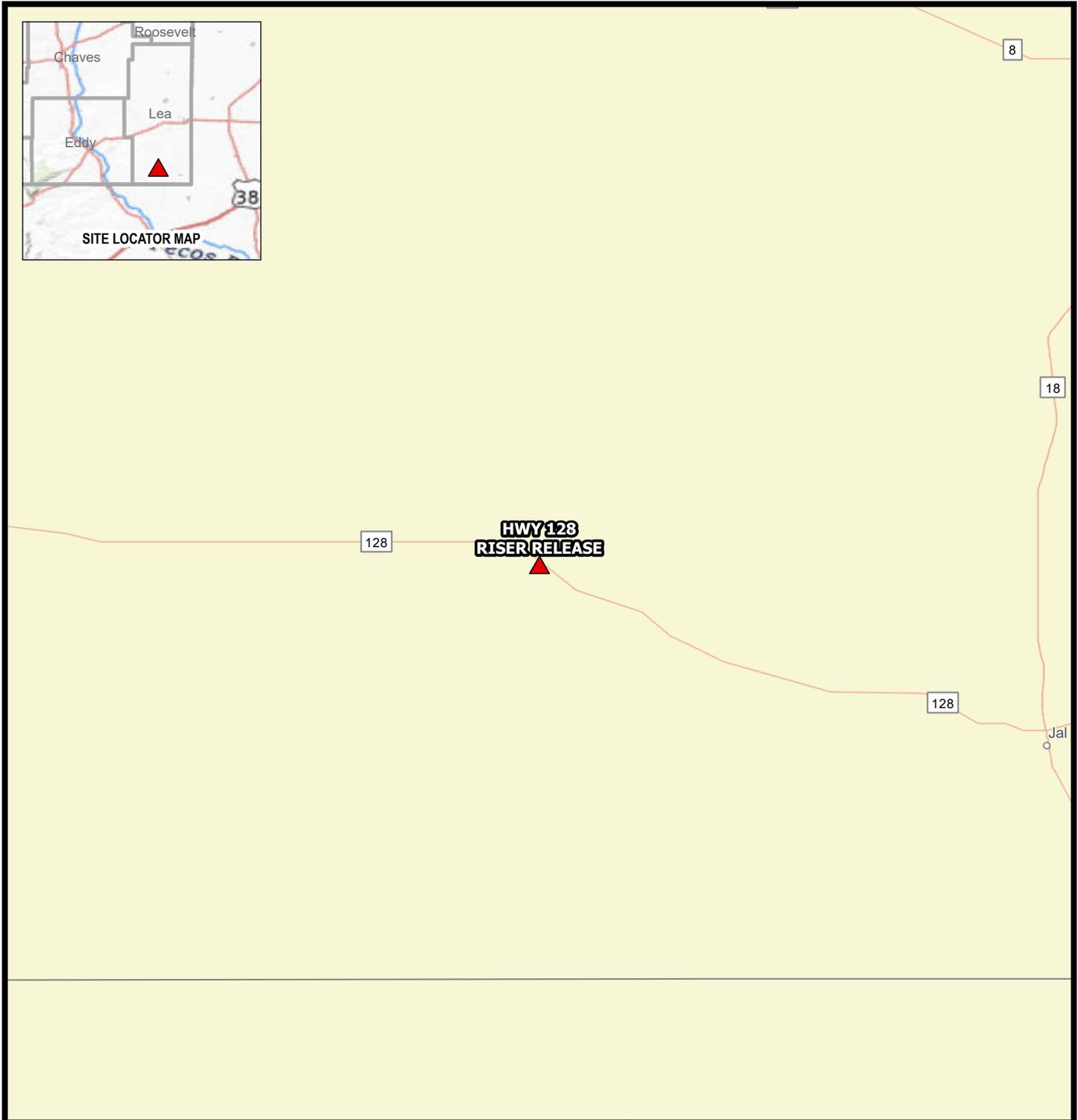
Clair Gonzales, P.G.
 Senior Project Manager





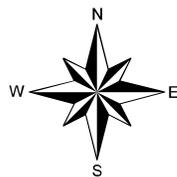
FIGURES





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▲ SITE LOCATION



0 10,000 20,000
 Approximate Scale in Feet



FIGURE 1
 SITE LOCATION MAP
 HWY 128 RISER RELEASE
 LEA COUNTY, NEW MEXICO
 32.200115°, -103.432724°

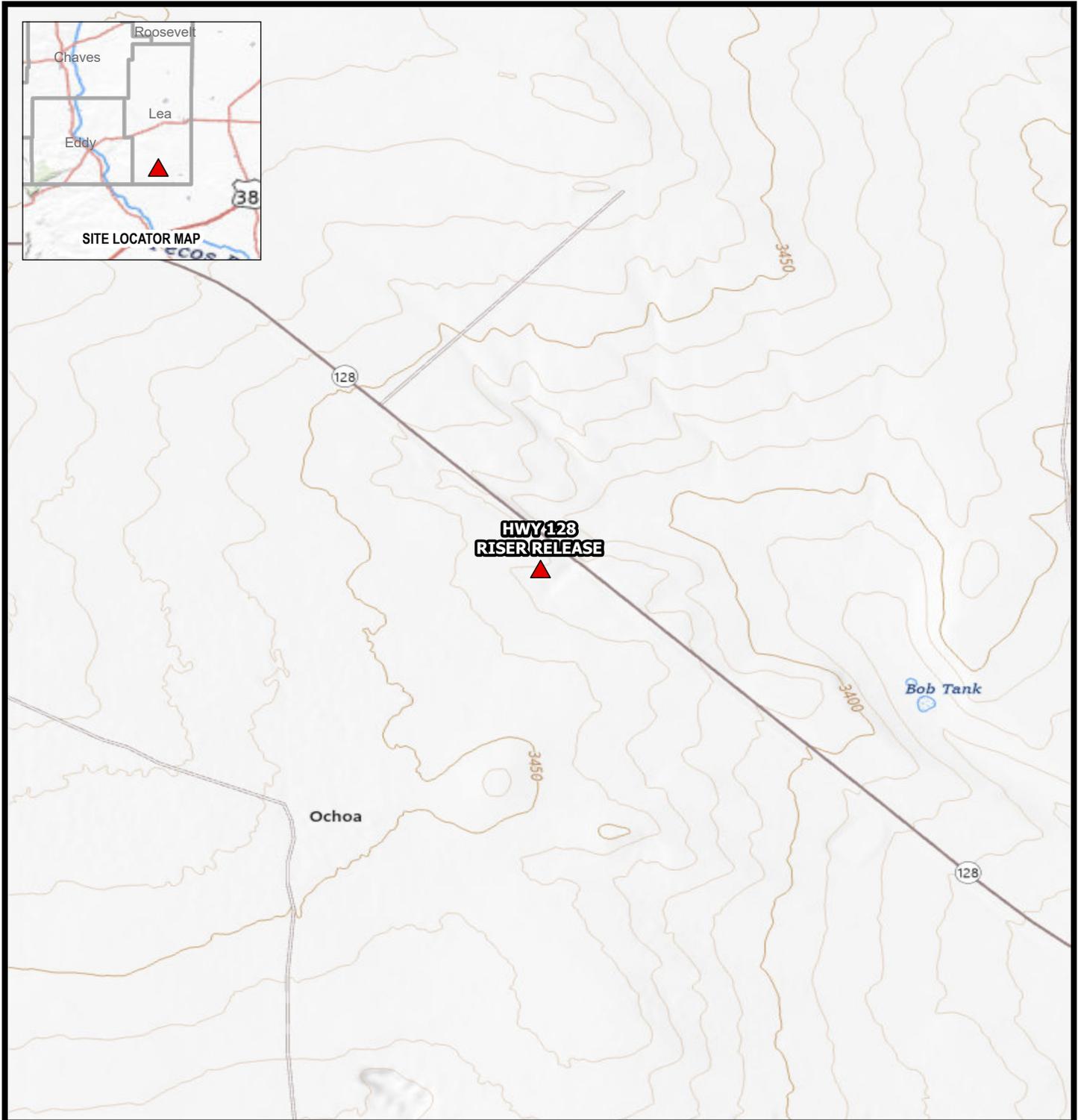
Project: 212C-MD-03964

Date: 12/4/2025

Name: Figure 1 - HWY 128



Source: ESRI World - Streets, 2022.



 SITE LOCATION

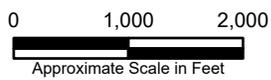
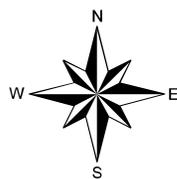


FIGURE 2
 TOPOGRAPHIC MAP
 HWY 128 RISER RELEASE
 LEA COUNTY, NEW MEXICO
 32.200115°, -103.432724°

Project: 212C-MD-03964

Date: 12/4/2025

Name: Figure 2 - HWY 128



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Source: USGS, Topographic, 2022.



- AUGERHOLE SAMPLE LOCATION
- HORIZONTAL SAMPLE LOCATION
- RISER
- TRENCH LOCATION
- GAS LINE
- WATER LINE
- FUEL TANKS IN CONTAINMENT
- INFRASTRUCTURE
- RELEASE

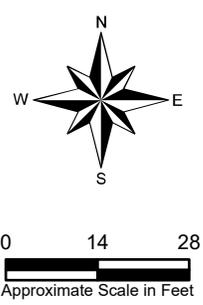


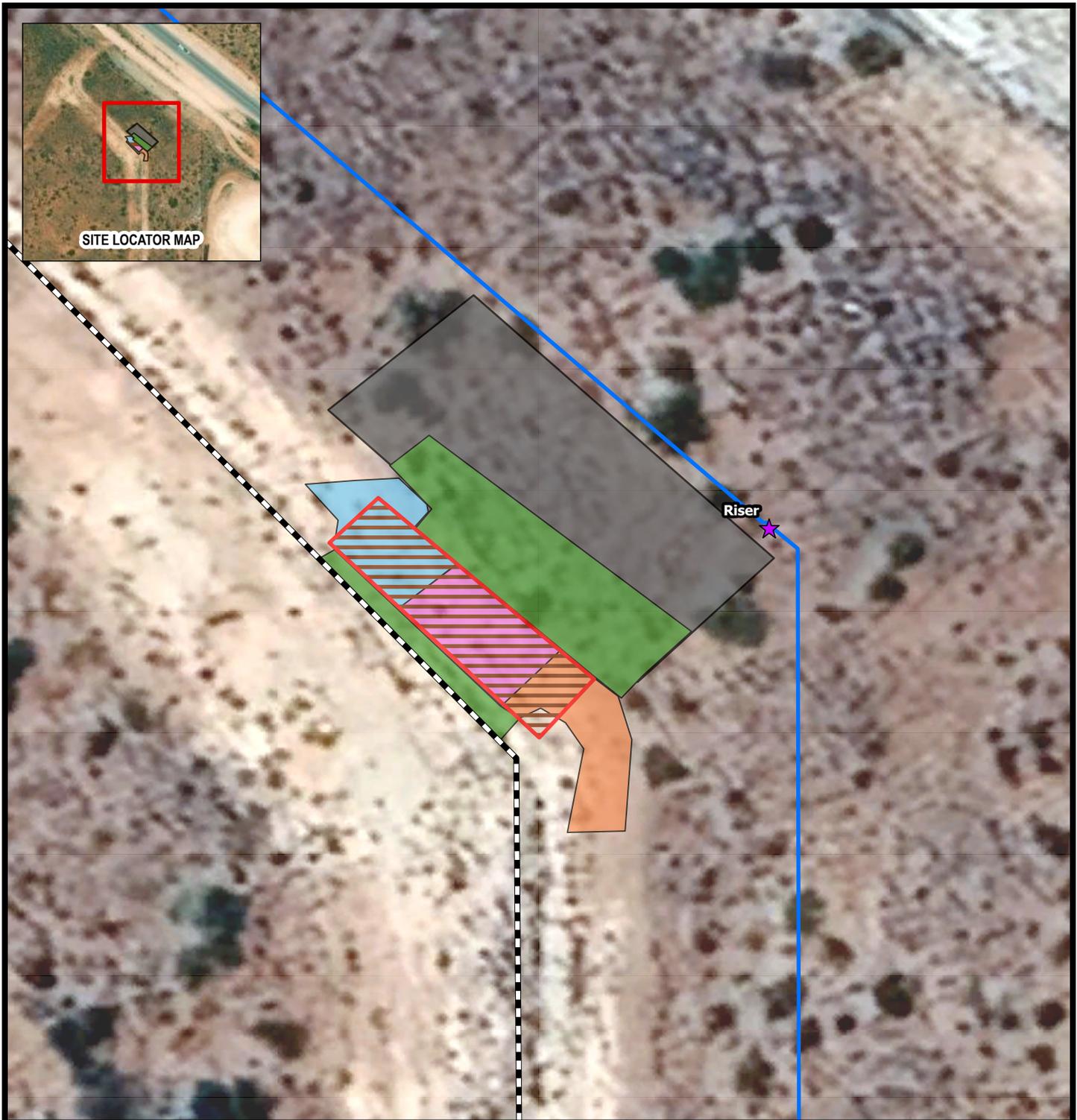
FIGURE 3
SITE ASSESSMENT MAP
 HWY 128 RISER RELEASE
 LEA COUNTY, NEW MEXICO
 32.200115°, -103.432724°

Project: 212C-MD-03964
Date: 12/4/2025
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Source: Google Maps, 2024.



-  RISER
-  GAS LINE
-  WATER LINE
-  FUEL TANKS IN CONTAINMENT
-  INFRASTRUCTURE
-  PROPOSED EXCAVATION 2.5' BGS
-  PROPOSED EXCAVATION 4.0' BGS
-  PROPOSED EXCAVATION 4.5' BGS
-  PROPOSED EXCAVATION 6.0' BGS

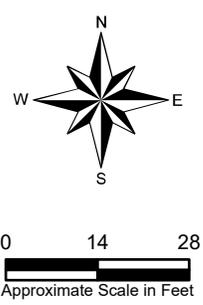


FIGURE 4
PROPOSED EXCAVATION MAP
HWY 128 RISER RELEASE
LEA COUNTY, NEW MEXICO
 32.200115°, -103.432724°

Project: 212C-MD-03964
Date: 12/4/2025
Name: Figure 4 - HWY 128



Date: 12/4/2025 Document Path: H:\OIL-GAS\OGA PROJECTS MIDLAND\0000 Project Folders by Client\OG03 - Spill\6 - Active Projects\03964 - HWY 128 Release

Source: Google Maps, 2024.



TABLES



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**Table 1
Assessment
EOG Resources
Highway 128 Riser Release
Lea County, NM**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			In-Situ	Removed	GRO	DRO	MRO	Total							
RRALs									100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
Horizontal Assessment Samples															
H-1	9/3/2025	0-0.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
H-2	9/3/2025	0-0.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
H-3	9/3/2025	0-0.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
H-4	9/3/2025	0-0.5'	X	-	<10.0	97.6	<10.0	97.6	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
H-5	9/3/2025	0-0.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	0.307	0.307	16.0	
H-6	9/3/2025	0-0.5'	-	X	<10.0	490	195	685	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	10/22/2025	0-1.0'	X	-	<10.0	353	129	482	<0.025	<0.025	<0.025	<0.025	<0.050	48	
H-7	9/8/2025	0-0.5'	-	X	<10.0	149	17.9	167	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	10/22/2025	0-1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.050	16.0	
H-8	9/8/2025	0-0.5'	-	X	<10.0	115	<10.0	115	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
	10/22/2025	0-1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.050	16.0	
H-9	10/22/2025	0-1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.050	16.0	
H-10	10/22/2025	0-1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.050	16	
H-11	10/22/2025	0-1.0'	X	-	<10.0	77.7	39.1	116.8	<0.025	<0.025	<0.025	<0.025	<0.050	32	
Vertical Assessment Samples															
AH-1	9/8/2025	0-1.0'	X	-	749	16,900	<50.0	17,649	<0.050	1.06	0.094	7.66	8.82	16.0	
		1-1.5'	X	-	1,960	25,600	<50.0	27,560	<0.200	5.29	0.775	32.7	38.8	16.0	
AH-2	9/8/2025	0-1.0'	X	-	1,100	18,800	<50.0	19,900	<0.100	2.53	0.383	16.2	19.1	16.0	
		1-1.5'	X	-	2,250	26,500	<50.0	28,750	<0.200	7.77	1.68	45.8	55.2	32.0	
AH-3	9/8/2025	0-1.0'	X	-	1,130	16,900	<50.0	18,030	<0.100	3.27	0.493	19.6	23.4	16.0	
		1-1.5'	X	-	2,800	29,400	<50.0	32,200	<0.500	10.3	2.28	59.3	71.9	16.0	

**Table 1
Assessment
EOG Resources
Highway 128 Riser Release
Lea County, NM**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs					100 mg/kg				10 mg/kg	50 mg/kg				600 mg/kg
Vertical Assessment Samples														
AH-4	9/8/2025	0-1.0'	X	-	937	13,100	<50.0	14,037	<0.100	2.69	0.596	16	19.3	16.0
		1-1.5'	X	-	2,020	29,300	<50.0	31,320	<0.200	5.78	1.10	33.4	40.3	16.0
AH-5	9/8/2025	0-1.0'	X	-	1,470	16,900	<50.0	18,370	<0.200	5.22	0.864	30.1	36.1	16.0
		1-1.5'	X	-	2,910	30,900	<50.0	33,810	<0.500	11.1	2.63	60.1	73.8	16.0
HA-1	10/22/2025	0-1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.050	32
HA-2	10/22/2025	0-1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.050	32
T-1	10/22/2025	0-1.0'	X	-	238	2,130	<10.0	2,368	<0.025	0.456	0.12	1.20	3.45	16.0
		1-2.0'	X	-	148	1,030	<10.0	1,178	<0.025	0.493	0.147	1.22	3.59	16.0
		2-3.0'	X	-	<10.0	21.5	<10.0	21.5	<0.025	<0.025	<0.025	0.037	0.097	16.0
		3-4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.050	16.0
T-2	10/22/2025	0-1.0'	X	-	2,280	13,400	<50.0	15,680	<0.250	5.71	2.65	13.3	39.1	16.0
		1-2.0'	X	-	4,830	25,500	<50.0	30,330	<1.00	17.00	11.00	34.4	106	16.0
		2-3.0'	X	-	5,230	26,800	<50.0	32,030	<1.00	18.8	13.2	36.3	113	16.0
		3-4.0'	X	-	1,330	7,340	<10.0	8,670	<1.00	5.10	2.82	10.8	31.8	16.0

NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Division) Guidelines for Remediation of Leaks, Spills, 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

 Proposed Excavation

**Table 2
Assessment
EOG Resources
Highway 128 Riser Release
Lea County, NM**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		Indicator Polynuclear Aromatic Compounds and Indicator Polychlorinatedbiphenyls Volatiles by GC/MS															
			In-Situ	Removed	Acenaphthene	Anthracene	Benzo (a) anthrac - ene	Benzo (a) pyrene	Benzo (b) fluoranth - ene	Benzo (k) fluoranth - ene	Chrysene	Dibenz (a,h) anthrac - ene	Fluoranth - ene	Fluorene	Indeno (1,2,3 -c,d) pyrene	Methyl ethyl ketone	Methyl isobutyl ketone	Methyl-tert butyl-ether	Naphthal - ene	Pyrene
RRALs					82.5 mg/kg	851 mg/kg	0.63 mg/kg	4.42 mg/kg	6.17 mg/kg	60.5 mg/kg	186 mg/kg	1.97 mg/kg	1340 mg/kg	80 mg/kg	20.1 mg/kg	20.1 mg/kg	4.8 mg/kg	0.533 mg/kg	0.058 mg/kg	192 mg/kg
Horizontal Assessment Samples																				
H-6	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	0.033	<0.040
H-7	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	0.026	<0.040
H-8	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	0.025	<0.040
H-9	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	<0.025	<0.040
H-10	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	<0.040	<0.040
H-11	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	<0.040	<0.040
Vertical Assessment Samples																				
HA-1	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	0.042	<0.040
HA-2	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	<0.040	<0.040
T-1	10/22/2025	0-1.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.06	<0.040	<0.050	<0.050	<0.050	0.621	0.177
		1-2.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.101	0.1	<0.040	<0.050	<0.050	<0.050	0.635	0.408
		2-3.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	0.152	<0.040
		3-4.0'	X	-	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.050	<0.050	<0.050	0.053	<0.040
T-2	10/22/2025	0-1.0'	X	-	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	0.468	<0.400	<0.500	<0.500	<0.500	3.74	1.74
		1-2.0'	X	-	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	1.04	<0.400	<2.00	<2.00	<2.00	7.73	3.33
		2-3.0'	X	-	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	1.16	<0.400	<2.00	<2.00	<2.00	10	3.62
		3-4.0'	X	-	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<2.00	<2.00	<2.00	4.4	1.04

NOTES

Screening values under Cw, DAF 20, for State of New Mexico Soil Screening Levels (SSLs), as developed by the New Mexico Environment Department (NMED) Hazardous Waste Bureau (HWB) and the Ground Water Quality Bureau Voluntary Remediation Program for chemicals most commonly associated with environmental releases within the state.

All screening values and results are presented in milligrams per kilogram (mg/kg) except Water Sample SB-1 then mg/l

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

PAC = Polynuclear Aromatic Compounds

PCBs = Polychlorinatedbiphenyls

Proposed Excavation



APPENDIX A: C-141



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 506207

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 506207
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Hwy 128 Riser
Date Release Discovered	09/01/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Other Pump Diesel Released: 19 BBL Recovered: 0 BBL Lost: 19 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Cattle pulled the fuel line off the booster pump and outside of the containment.

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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 506207

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 506207
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

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	na

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

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1220 S. St Francis Dr.
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ACKNOWLEDGMENTS

Action 506207

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 506207
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

Action 506207

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 506207
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
todd wells	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/16/2025



APPENDIX B: SITE CHARACTERIZATION DATA



Site Characterization Summary

Site Information:

EOG Resources
 HWY 128 Riser Release
 BLM Ownership
 nAPP2525936329
 Eddy County, New Mexico
 T24S, R34E, Section 23, Unit I
 (32.200115°, -103.432724°)
 647723.19 m E, 3563694.08 m N

Site Characterization:

- Low Karst
- USGS Intermittent Stream located >1,800' from coordinates
- No significant water features within specified distances
- Dry Bore, 250' BGS, 0.15 Miles Southeast. (NMOSE, Section 24, 2023 Sample)
- Groundwater 223.94' BGS, 1.56 Miles Southwest. (USGS, Section 35, 2013 Sample)

Biological Findings:

- Within outer boundaries of "Isolated Population Area" for Lesser Prairie Chicken

<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>
<i>Birds</i>			
Lesser Prairie-Chicken	No Critical Habitat Designation	No	N/A
Northern Aplomado Falcon	No Critical Habitat Designation	N/A	N/A
<i>Insects</i>			
Monarch Butterfly	Proposed	No	N/A

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 attached.

Archaeological Findings:

-Archaeological Inspection concluded no ARC areas present within the area of the release

RRALs:

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

Explanation:

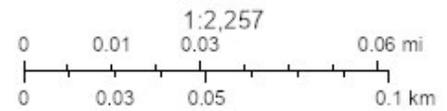
Due to refined nature of the spill, the remediation will follow NMED Table A-1 for indicator compounds outlined in Table 6-3.

Permian Basin Karst Area- Low



12/2/2025, 10:24:42 AM

 Override 1
 Karst Occurrence Potential
 Low



BLM, OCD, New Mexico Tech, Microsoft, Vantor, Esri, HERE, Garmin, IPC

Low Karst

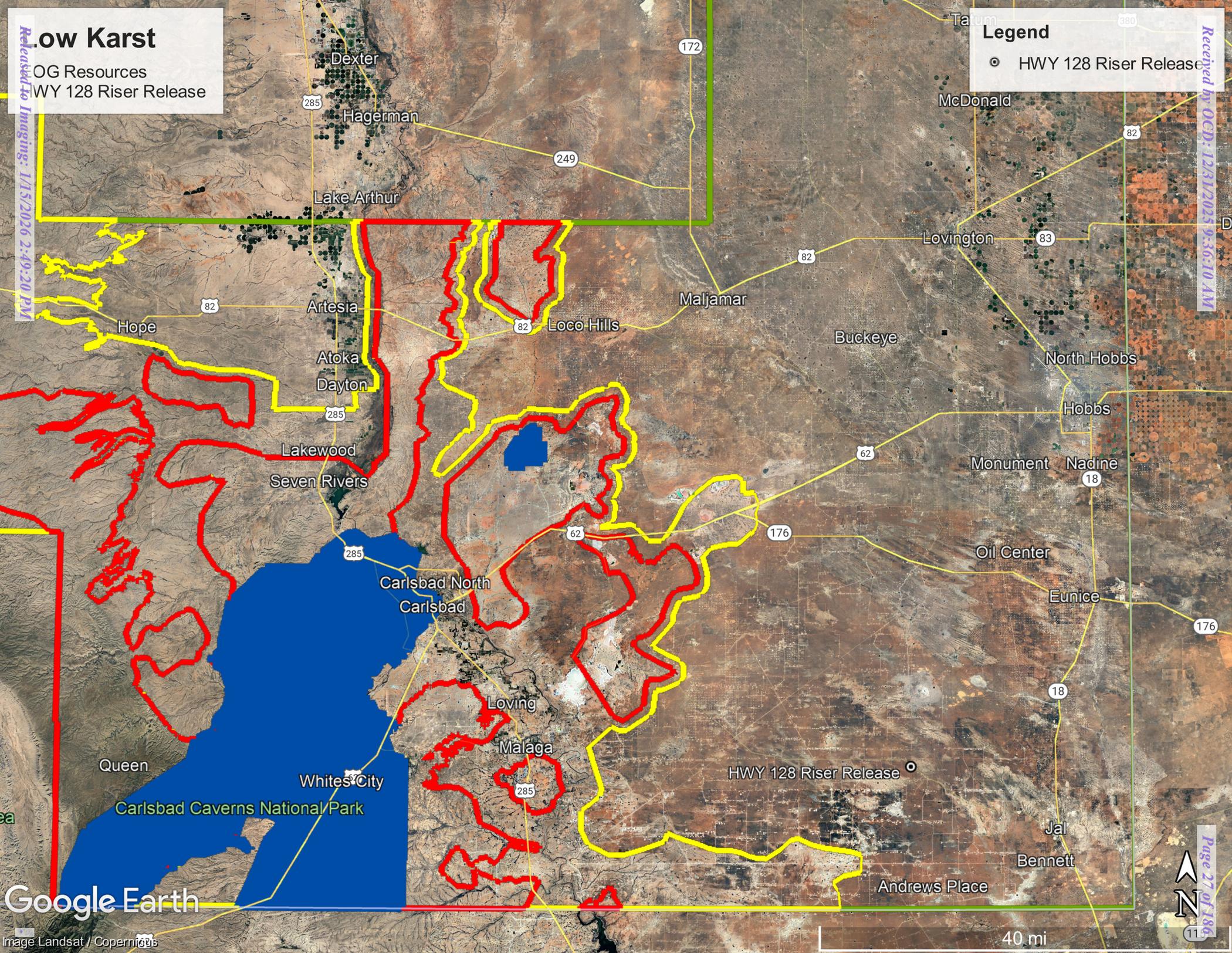
OG Resources
HWY 128 Riser Release

Legend

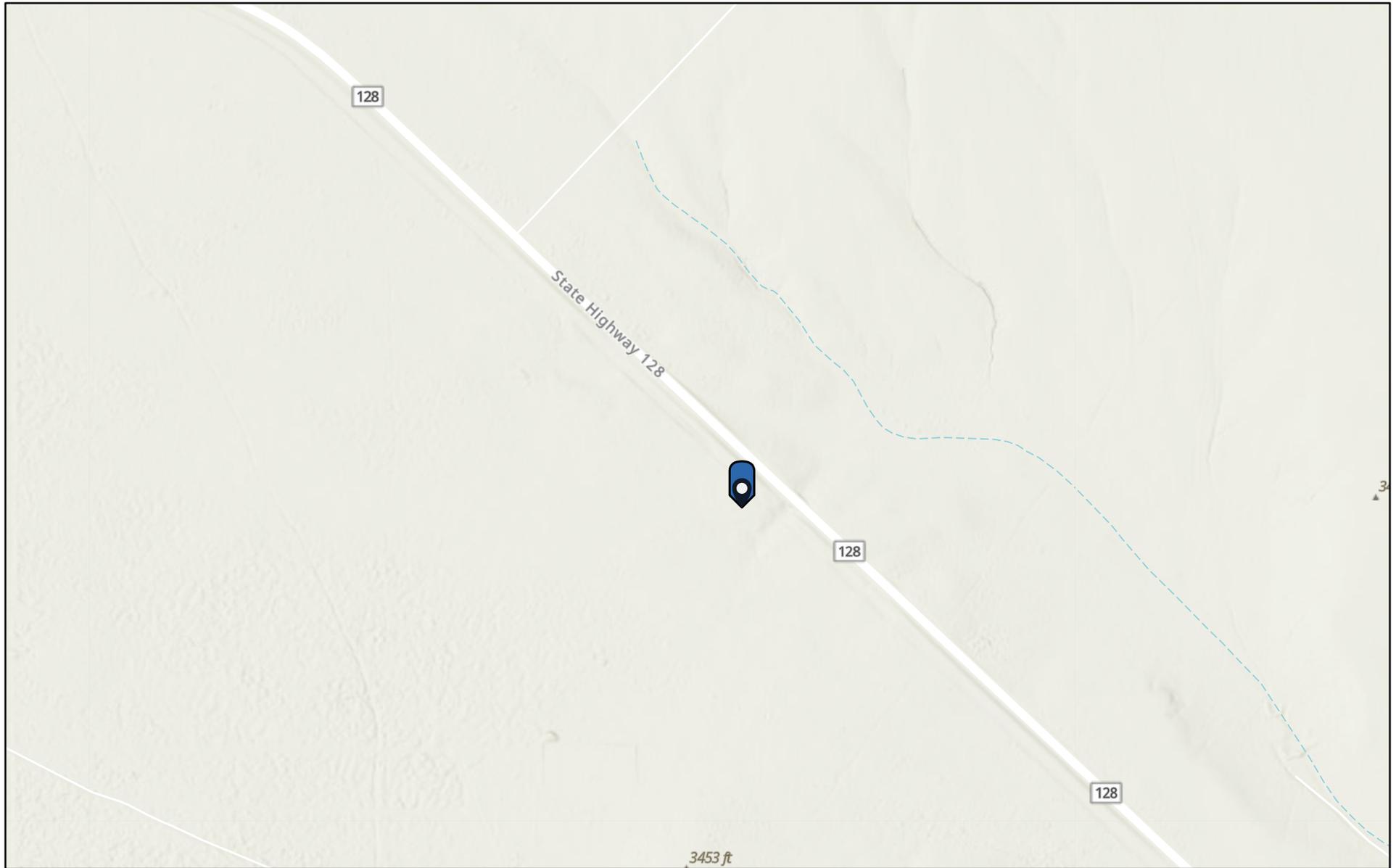
- HWY 128 Riser Release

Released to Imaging: 1/15/2026 2:49:20 PM

Received by OCD: 12/31/2025 9:36:10 AM

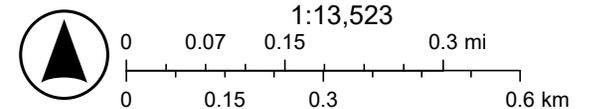


HWY 128 Riser Release Blue Line Map



9/23/2025

World_Hillshade



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



National Water Information System: Web Interface

USGS Water Resources Data Category: Groundwater Geographic Area: United States

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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

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

Search Results -- 1 sites found

Agency code = usgs
 site_no list =

- 321025103263601

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

USGS 321025103263601 24S.34E.35.12411

Lea County, New Mexico
 Latitude 32°10'44.0", Longitude 103°26'31.2" NAD83
 Land-surface elevation 3,409.00 feet above NGVD29
 The depth of the well is 257 feet below land surface.
 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 measur
1953-03-29			D 62610		3185.10	NGVD29	1	Z		
1953-03-29			D 62611		3186.69	NAVD88	1	Z		
1953-03-29			D 72019	223.90			1	Z		
1971-01-13			D 62610		3190.96	NGVD29	1	Z		
1971-01-13			D 62611		3192.55	NAVD88	1	Z		
1971-01-13			D 72019	218.04			1	Z		
1976-01-15			D 62610		3189.94	NGVD29	1	Z		
1976-01-15			D 62611		3191.53	NAVD88	1	Z		
1976-01-15			D 72019	219.06			1	Z		
1981-03-20			D 62610		3191.29	NGVD29	1	Z		
1981-03-20			D 62611		3192.88	NAVD88	1	Z		
1981-03-20			D 72019	217.71			1	Z		
1986-03-06			D 62610		3185.50	NGVD29	1	Z		
1986-03-06			D 62611		3187.09	NAVD88	1	Z		
1986-03-06			D 72019	223.50			1	Z		
1991-05-31			D 62610		3189.82	NGVD29	1	Z		
1991-05-31			D 62611		3191.41	NAVD88	1	Z		

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 measur
1991-05-31			D 72019	219.18			1		Z	
1996-03-14			D 62610		3189.81	NGVD29	1		S	
1996-03-14			D 62611		3191.40	NAVD88	1		S	
1996-03-14			D 72019	219.19			1		S	
2013-01-16	22:00 UTC		m 62610		3185.06	NGVD29	1		S	USGS
2013-01-16	22:00 UTC		m 62611		3186.65	NAVD88	1		S	USGS
2013-01-16	22:00 UTC		m 72019	223.94			1		S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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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: 2025-09-23 14:59:38 EDT

0.51 0.38 nadww01



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DT JUN 30 2023 PM 2:15

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. MW-1		OSE FILE NO(S) C-4737			
	WELL OWNER NAME(S) NGL Waste Services				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 1008 Southview Circle				CITY Center	STATE TX	ZIP 75935	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32		MINUTES 11	SECONDS 53.12	N		* ACCURACY REQUIRED: ONE TENTH OF A SECOND
		LONGITUDE -103		25	53.91	W		* DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE From the intersection of County Rd. B and NM-128, travel E-SE on NM-128 ~2.4mi. Well located ~596' SW of NM-128								
2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1800		NAME OF LICENSED DRILLER Jarod M Michalsky			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd.		
	DRILLING STARTED 4/25/23	DRILLING ENDED 4/28/23	DEPTH OF COMPLETED WELL (FT) 250	BORE HOLE DEPTH (FT) 251	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED N/A	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	210	8	Sch 80 PVC	Riser	4	0.5	-
	210	250	8	Sch 80 PVC	Screen	4	0.5	0.020
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	2	8	Portland Cement	0.13	Tremie		
	2	195	8	3/8 Bentonite Pellets	12.89	Tremie		
	195	251	8	8/16 Silica Sand	3.74	Tremie		

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	C-4737-POD 1		POD NO.	1		TRN NO.	745751
LOCATION	Mon 24.34.24.133			WELL TAG ID NO.			PAGE 1 OF 2

DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			
0	10	10	SM: Sandy Silt, 20% Fine Grained Sand, 80% Silt, Dry, 7.5YR 8/3, No Odor	Y ✓ N	
10	15	5	SM-SW: Fine, 15% Silt, 45% Sand, 40% pebbles, Dry, 7.5YR 8/4, No Odor	Y ✓ N	
15	20	5	SW: Fine Grained Sand, Dry, 2.5YR 6/6, No Odor	Y ✓ N	
20	45	25	SM: Sandy Silt, 10-20% Fine Sand, 20-80% Silt, Dry, 2.5-5YR 4-5/4, No Odor	Y ✓ N	
45	55	10	SM: Sandy Silt, 10% Fine Grained Sand, 90% Silt, Dry, 10YR 6/2, No Odor	Y ✓ N	
55	60	5	SM: Sandy Silt, 10% Fine Grained Sand, 90% Silt, Dry, 5YR 4/4, No Odor	Y ✓ N	
60	70	10	SM: Sandy Siltstone, Friable, 10% Fine Sand, 90% Silt, Dry, 2.5YR 4/4, No Odor	Y ✓ N	
70	75	5	SW: Fine Grained Sandstone, Dry, 10YR 4/1, No Odor	Y ✓ N	
75	90	15	SM: Sandy Siltstone, Friable, 15% Fine Sand, 85% Silt, Dry, 2.5YR 5/4, No Odor	Y ✓ N	
90	140	50	SM: Silty Sandstone, Friable, 45% Silt, 55% Fine Sand, Dry, 5YR 6/2, No Odor	Y ✓ N	
140	145	5	SW: Fine Grained Sandstone, Dry, 5YR 6/2, No Odor	Y ✓ N	
145	155	15	SM: Sandy Siltstone, Friable, 20% Fine Sand, 80% Silt, Dry, 2.5YR 5/6, No Odor	Y ✓ N	
155	170	15	SW: Sandstone, Friable, 40% Medium Sand, 60% Fine Sand, 2.5YR 6/6 Dry	Y ✓ N	
170	175	5	SM: Silty Sandstone, 20% Silt, 80% Fine Sand, Friable, Dry, 2.5YR 3/4, No Odor	Y ✓ N	
175	185	10	SW: Sandstone, Friable, 40% Medium Sand, 60% Fine Sand, Dry, 2.5YR 4/4	Y ✓ N	
185	200	15	SW: Sandstone, Very Fine to Fine Grained Sand, Dry, 2.5YR 4/4, No Odor	Y ✓ N	
200	205	5	SM: Silty Sandstone, 20% Silt, 80% Fine Sand, Dry, 2.5YR 4/4, No Odor	Y ✓ N	
205	220	15	SW: Silty Sandstone, Fine Grained Sand, Dry, 5YR 5/6, No Odor	Y ✓ N	
220	230	10	SW: Sandstone, 50% Medium Sand, 50% Fine Sand, 2.5YR 4/4, No Odor	Y ✓ N	
230	251	21	SW: Sandstone, Fine Grained Sand, Dense, Damp, 5YR 4/6, No Odor	Y ✓ N	
				Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:				TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.			
	MISCELLANEOUS INFORMATION:				
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Zechariah D Moody				
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:				
	Jarod M Michalsky <small>Digitally signed by Jarod M Michalsky DN: cn=Jarod M Michalsky, o=Talon/ LPE, Ltd., ou= email:jmichalsky@talonlpe.com, c=US Date: 2023.06.27 10:05:28 -05'00'</small>	Jarod M Michalsky	06/27/2023		
SIGNATURE OF DRILLER / PRINT SIGNEE NAME			DATE		

05E 011 JUN 30 2023 PM 2:15

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-4737-POD 1	POD NO. 1	TRN NO. 745751	
LOCATION Woa 24.34. 24.133	WELL TAG ID NO. _____	PAGE 2 OF 2	

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 745751
File Nbr: C 04737
Well File Nbr: C 04737 POD1

Jun. 30, 2023

WOODY DUNCAN
TALON LPE
921 N BIVINS STREET
AMARILLO, TX 79107

Greetings:

The above numbered permit was issued in your name on 04/14/2023.

The Well Record was received in this office on 06/30/2023, stating that it had been completed on 04/28/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 04/13/2024.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in blue ink that reads "Maret Thompson".

Maret Thompson
(575) 622-6521

drywell

Mineral and Surface Ownership - BLM



12/2/2025, 10:21:53 AM



Override 1

Mineral Ownership

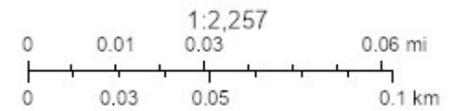
A-All minerals are owned by U.S.

N-No minerals are owned by the U.S.

Land Ownership

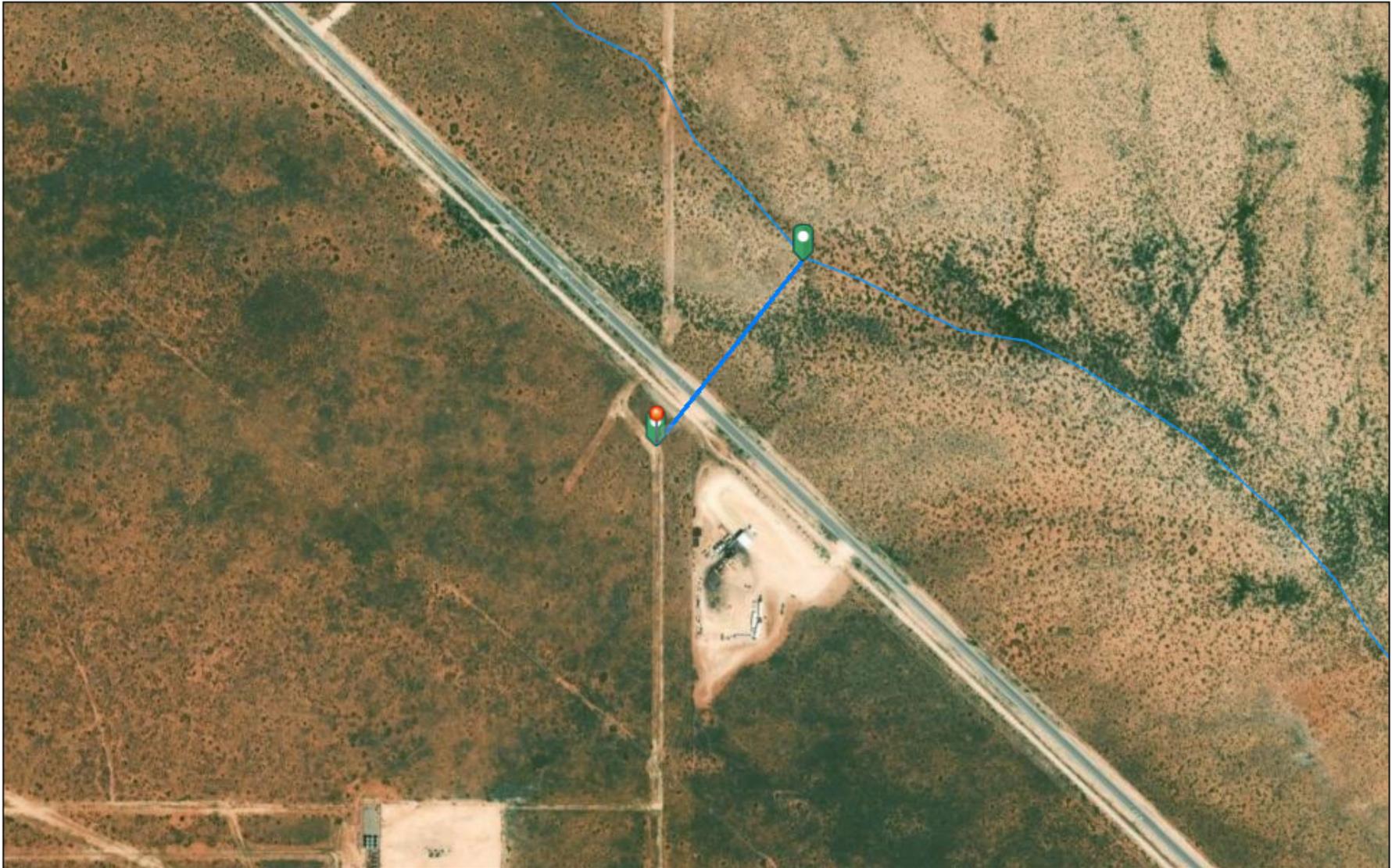
BLM

P



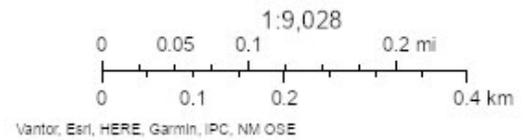
U.S. BLM, Microsoft, Vantor, Esri, HERE, Garmin, IPC

Hydrology -1,083 ft



12/2/2025, 10:26:22 AM

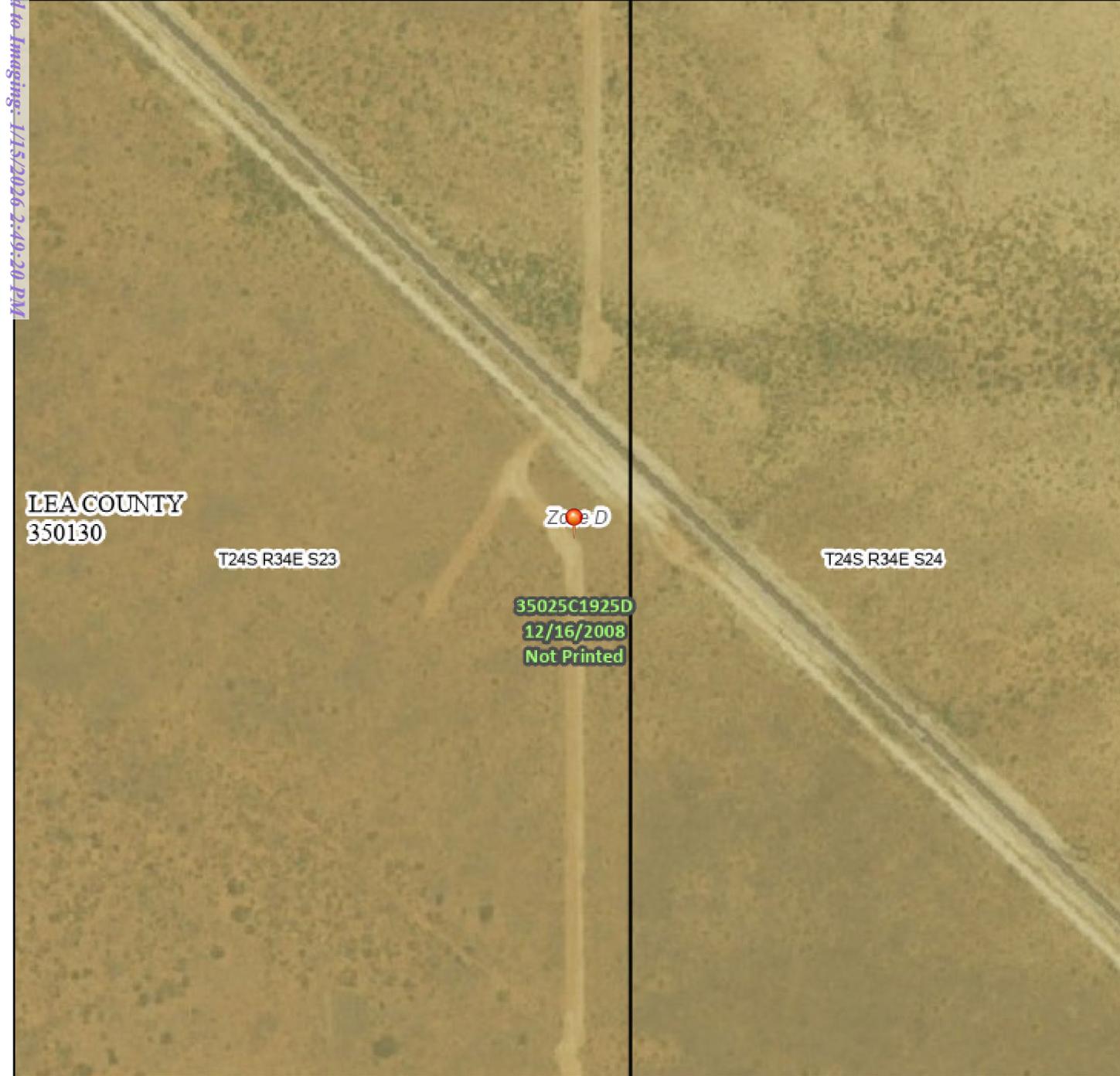
-  Override 1
-  OSE Streams



National Flood Hazard Layer FIRMMette



103°26'17"W 32°12'16"N



1:6,000

103°25'39"W 32°11'45"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone X</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/2/2025 at 5:30 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 1/15/2026 2:49:30 PM

Received by OCD: 12/2/2025 9:36:10 AM

Page 36 of 186



**APPENDIX C: CULTURAL PROPERTIES PROTECTION DOCUMENTS
AND BIOLOGICAL DESKTOP SURVEY**





6 October 2025

Mr. Mike Yemm
EOG Resources, Inc.
5509 Champions Drive
Midland, TX 79706

**Re: Highway 128 Riser Release - Comprehensive Resource Review
Lea County, New Mexico**

EXECUTIVE SUMMARY

The Highway 128 Riser Release did not impact any sensitive natural or cultural resources. No Waters of the US (WATERS), karst resources, Threatened or Endangered (T/E) species, or other sensitive species were identified within the proposed remediation area during the desktop review.

BACKGROUND

Goshawk Environmental Consulting, Inc. (Goshawk) conducted a comprehensive resource review for the Highway 128 Riser Release in Lea County, New Mexico. The Highway 128 Riser Release has an area of approximately 0.02 acres (proposed remediation).

The proposed remediation is situated on federally owned land within Section 23 of Township 24S, Range 34E (Figure 1). This resource review included a desktop review of ecological resources (including WATERS, T/E Species, and sensitive plant and animal species), karst resources, and cultural resources. Sensitive species considered during the desktop review included burrowing owls and raptors, and potential habitat for Scheer's beehive cactus, Wright's waterwillow, gypsum milkvetch, and Tharp's blue-star (special status plant species [SSPS]).

The proposed remediation is not within SSPS potential habitat, or medium, high, or critical karst occurrence zones; therefore, these resources are not discussed in this document.

ECOLOGICAL RESOURCE REVIEW

WATERS OF THE US

Goshawk evaluated the proposed remediation to determine if any WATERS, as regulated by the US Army Corps of Engineers (USACE), are present. The US Geological Survey (USGS) Woodley Flat, New Mexico topographic quadrangle (Figure 2) indicates the proposed remediation is located entirely within grasslands (white background). The terrain is relatively flat with an elevation of approximately 3,430 feet above mean sea level. There are no potential WATERS indicated within the proposed remediation on the topographic map. The nearest mapped water feature is an unnamed tributary, located approximately 780 feet west of the proposed remediation.

The aerial orthoimagery (Figure 3) indicates the proposed remediation is within a grassland vegetative community. Additional oil/gas development, such as improved and unimproved roads, pipeline rights-of-way, and pads, is evident within and in the vicinity of the proposed remediation.





SPECIES OF CONCERN

THREATENED OR ENDANGERED SPECIES

The proposed remediation was evaluated for both federally and state-listed T/E species. An internet search of the US Fish and Wildlife Service (USFWS) *Information for Planning and Consultation* (IPaC) screening tool was used to identify federally listed T/E species “that should be considered as part of an effects analysis” for areas within 5 miles of the proposed remediation (Table 1). Critical habitat for these species is not mapped within the proposed remediation. Additionally, a report from the New Mexico Department of Game and Fish (NMDGF) Biota Information System of New Mexico (BISON-M) was obtained and reviewed for Lea County (Table 2).

Table 1: IPaC 5-mile Report

Species	Status	Impacts Expected	Observed?
Birds			
Lesser prairie-chicken	Federally listed	No	No
Southwestern willow flycatcher	Federally listed	No	No

Table 2: BISON-M Lea County List of Threatened or Endangered Species

Species	Status	Impacts Expected	Observed?
Birds			
Lesser prairie-chicken	Federally listed	No	No
Baird's sparrow	State-listed	No	No
Bald eagle	State-listed	No	No
Bell's vireo	State-listed	No	No
Broad-billed hummingbird	State-listed	No	No
Least tern	State-listed	No	No
Northern aplomado falcon	Federally and State-listed	No	No
Peregrine falcon	State-listed	No	No
Reptiles			
Dunes sagebrush lizard	Federally and State-listed	No	No

FEDERALLY LISTED SPECIES

The T/E species listed in the IPaC Trust Resource Report for areas within 5 miles of the proposed remediation are the lesser prairie-chicken and southwestern willow flycatcher.

The lesser prairie-chicken (LPC) in southeast New Mexico occupy dry grasslands that contain shinnery oak and/or sand sagebrush. They are most commonly found in areas with sandy soils and a mixed-grass vegetative community; however, they have been known to occupy areas with clay or loamy soils and a short-grass vegetative community. They are occasionally found in farmland and smaller fields, particularly in winter. The LPC and shinnery oak are sometimes considered ecological partners, as their current geographic ranges are nearly congruent. LPC population densities are greater in shinnery oak habitat than in sand sagebrush habitat.





The proposed remediation is within the historic range for the LPC and in an area categorized as an LPC "Isolated Population Area" (Figure 4) as defined by the Bureau of Land Management (BLM). The high density of existing oil/gas development in the surrounding area likely precludes the proposed remediation from providing ample habitat for the LPC.

Habitat for the southwestern willow flycatcher is found within riparian areas and streams that occur within a 100-year floodplain in Catron, Grant, Hidalgo, Mora, Rio Arriba, Socorro, Taos, and Valencia counties, which are not within the vicinity of the proposed remediation.

BURROWING OWLS AND RAPTORS

Burrowing owls are considered a species of concern by the USFWS. Burrowing owls are generally associated with dry, open plains; however, they also utilize grasslands, shrublands, and human-modified landscapes. They depend on burrows that were previously excavated by other animals, such as prairie dogs, badgers, ground squirrels, and foxes. Although they are migratory, some individuals will over-winter in southeast New Mexico. Raptors and their active nests are protected by the Migratory Bird Treaty Act. A variety of species can potentially occur in southeast New Mexico, occupying many different habitat types. Most often, raptors build a large stick nest, typically in taller trees and shrubs.

Although unlikely, burrowing owls and raptors could potentially occur within the proposed remediation. Care should be taken to avoid direct impacts (including harassment, harm, killing, and/or collecting) to these species. If any individuals and/or their nests are found during remediation, work should be halted, and a Goshawk biologist should be contacted to determine impacts.

CULTURAL RESOURCES REVIEW

Cultural resources on public lands, including archaeological sites and historic properties, are protected by federal law and regulations (Section 106 of the National Historic Preservation Act and the National Environmental Policy Act). The proposed remediation was fully covered by previous archaeological survey.

SUMMARY

Based on the results of the comprehensive resource review, it is Goshawk's opinion that the release occurring near the Highway 128 Riser did not impact any ecological resources, karst resources, or cultural resources. Therefore, remediation of Highway 128 Riser Release can proceed as planned. Please note that continued diligence is needed during remediation to minimize impacts to resources. If you have any questions or desire additional information, please contact our office.

Sincerely,

Solomon White
Environmental Specialist/Ecologist

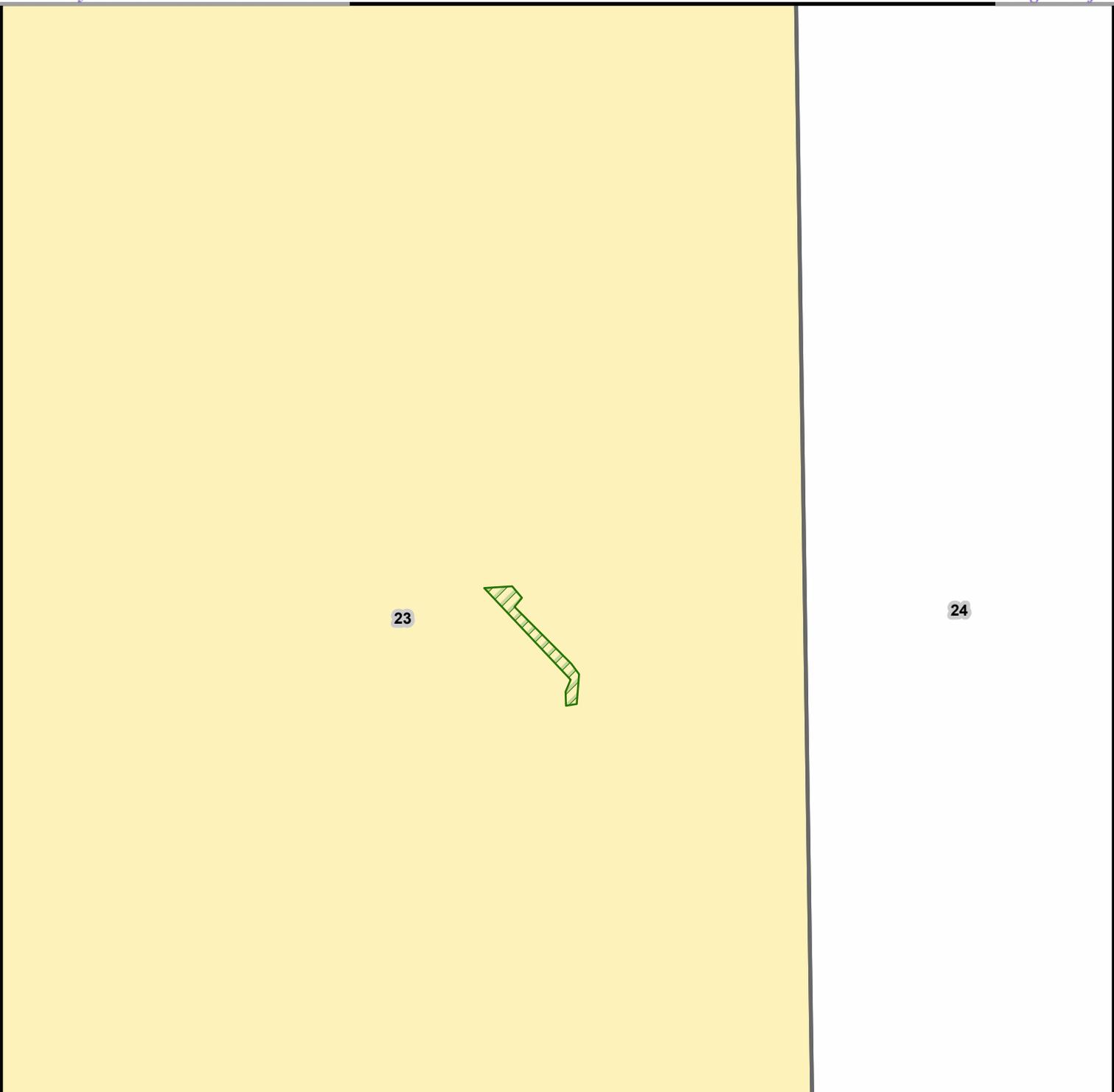
Andrew Beckert
Archaeologist





**APPENDIX A
FIGURES**





23

24



<p>Release Area</p>  Release	<p>Surface Ownership</p>  Bureau of Land Management  Private
--	--

Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download.

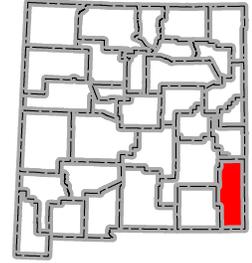
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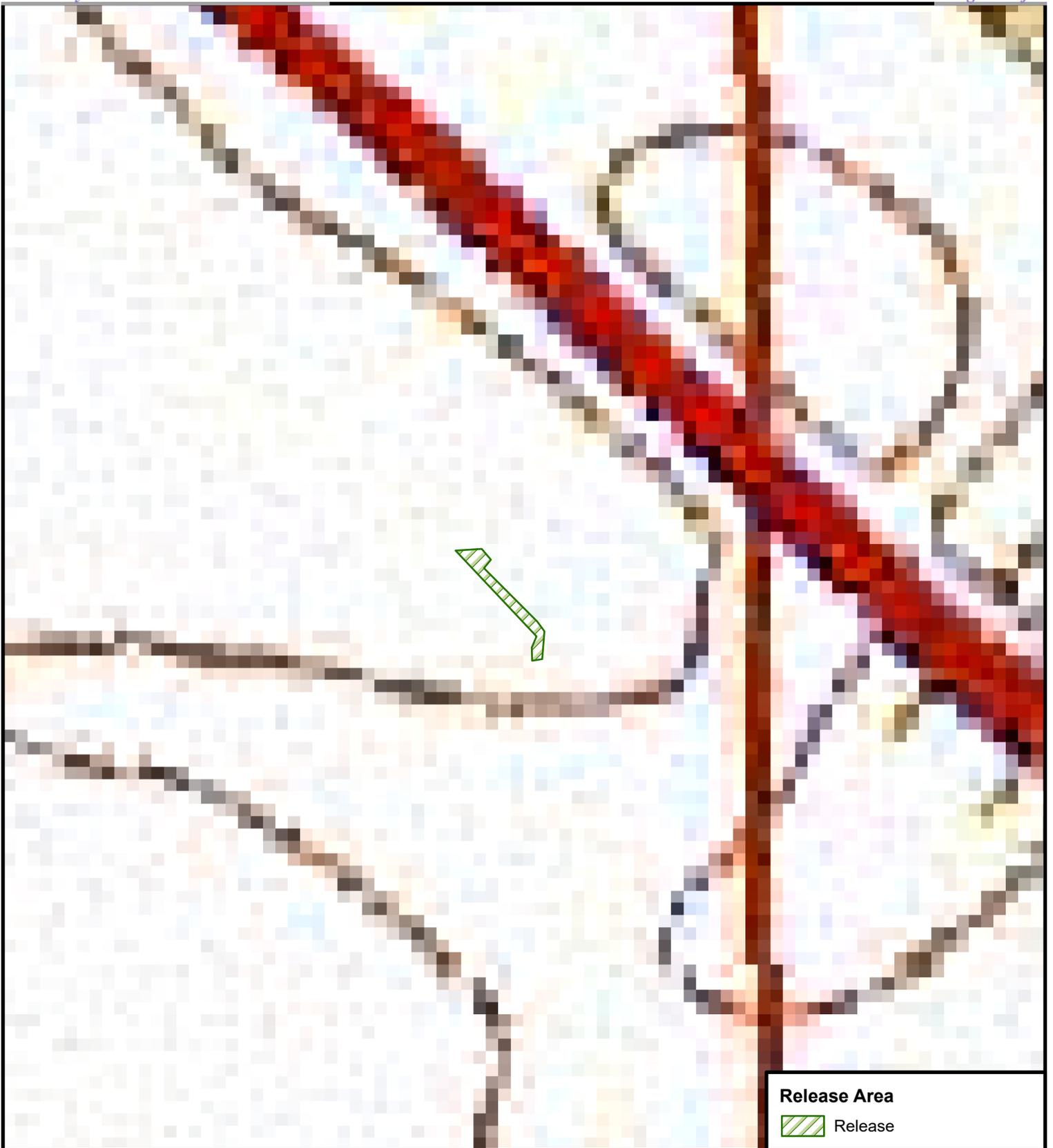


Figure 1
Surface Ownership
Lea County, New Mexico

Highway 128 Riser
Township 24S; Range 34E; Section 23

Date: 6 October 2025





Release Area
 Release

Map Source: USGS, Woodley Flat, New Mexico
Quadrangle.

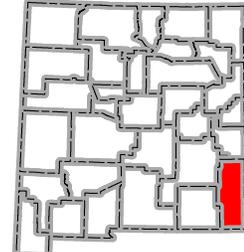
0 40 80 Feet



Figure 2
USGS Topographic
Lea County, New Mexico

Highway 128 Riser
Township 24S; Range 34E; Section 23

Date: 6 October 2025





Release Area
 Release

Map Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGrid, IGN, and the GIS User Community.

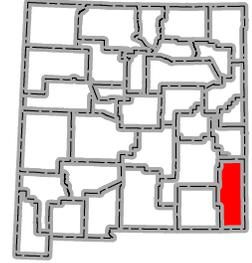
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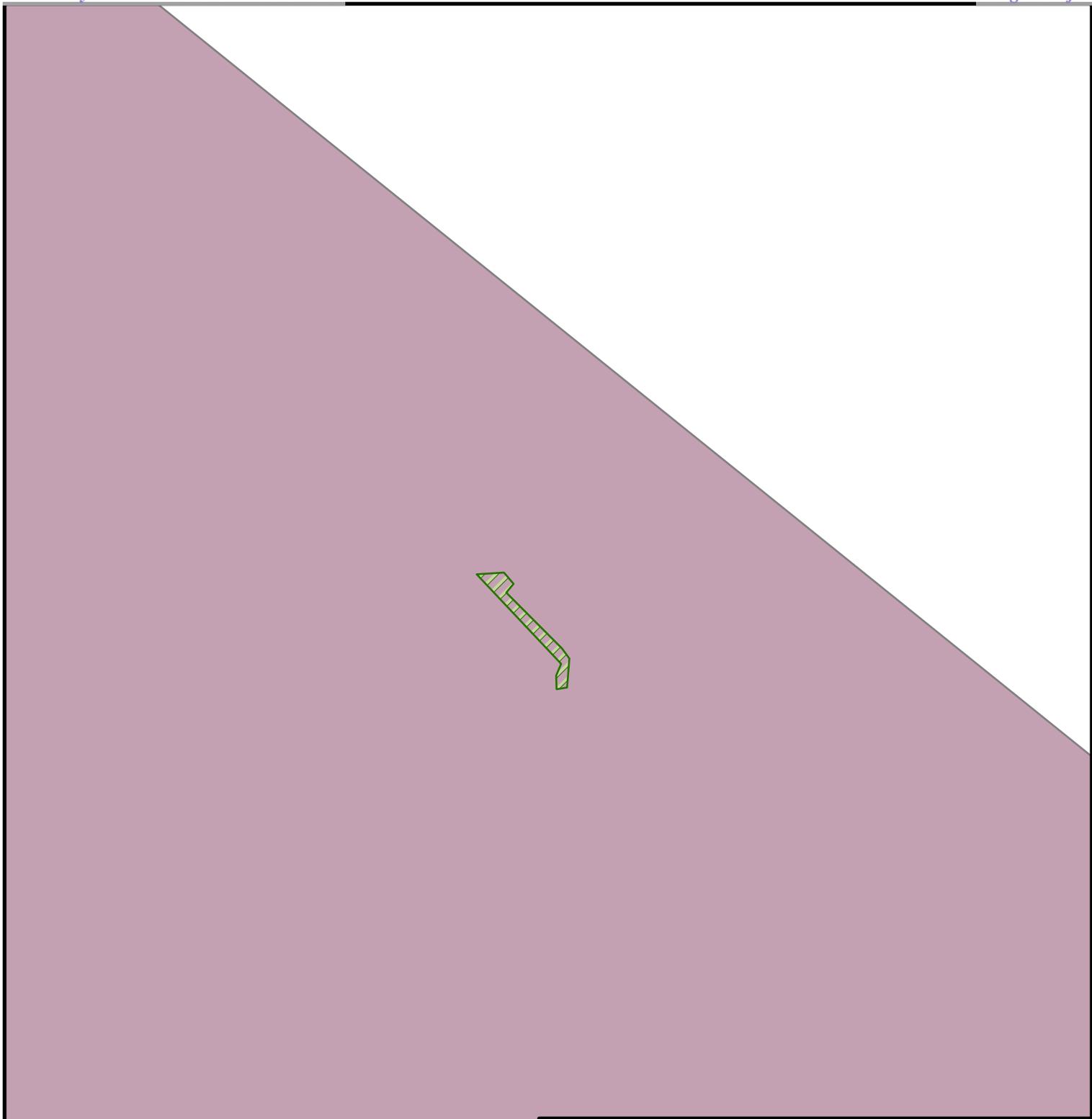



Figure 3
 Aerial Orthoimagery
 Lea County, New Mexico

Highway 128 Riser
 Township 24S; Range 34E; Section 23

Date: 6 October 2025





<p>Release Area</p> <p> Release</p>	<p>Habitat</p> <p> Isolated Population Area</p>
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Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download.

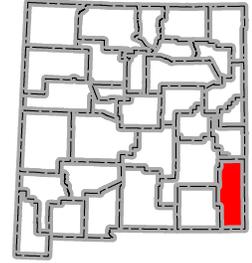
0 40 80 Feet



Figure 4
 Special Status Species
 Lea County, New Mexico

Highway 128 Riser
 Township 24S; Range 34E; Section 23

Date: 6 October 2025





December 11, 2025

Wetlands

-  Estuarine and Marine Deepwater
-  Freshwater Emergent Wetland
-  Lake
-  Estuarine and Marine Wetland
-  Freshwater Forested/Shrub Wetland
-  Other
-  Freshwater Pond
-  Riverine

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

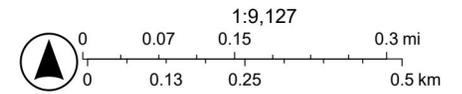
EOG Resources - HYW 128 Riser Release



12/17/2025, 6:23:01 PM

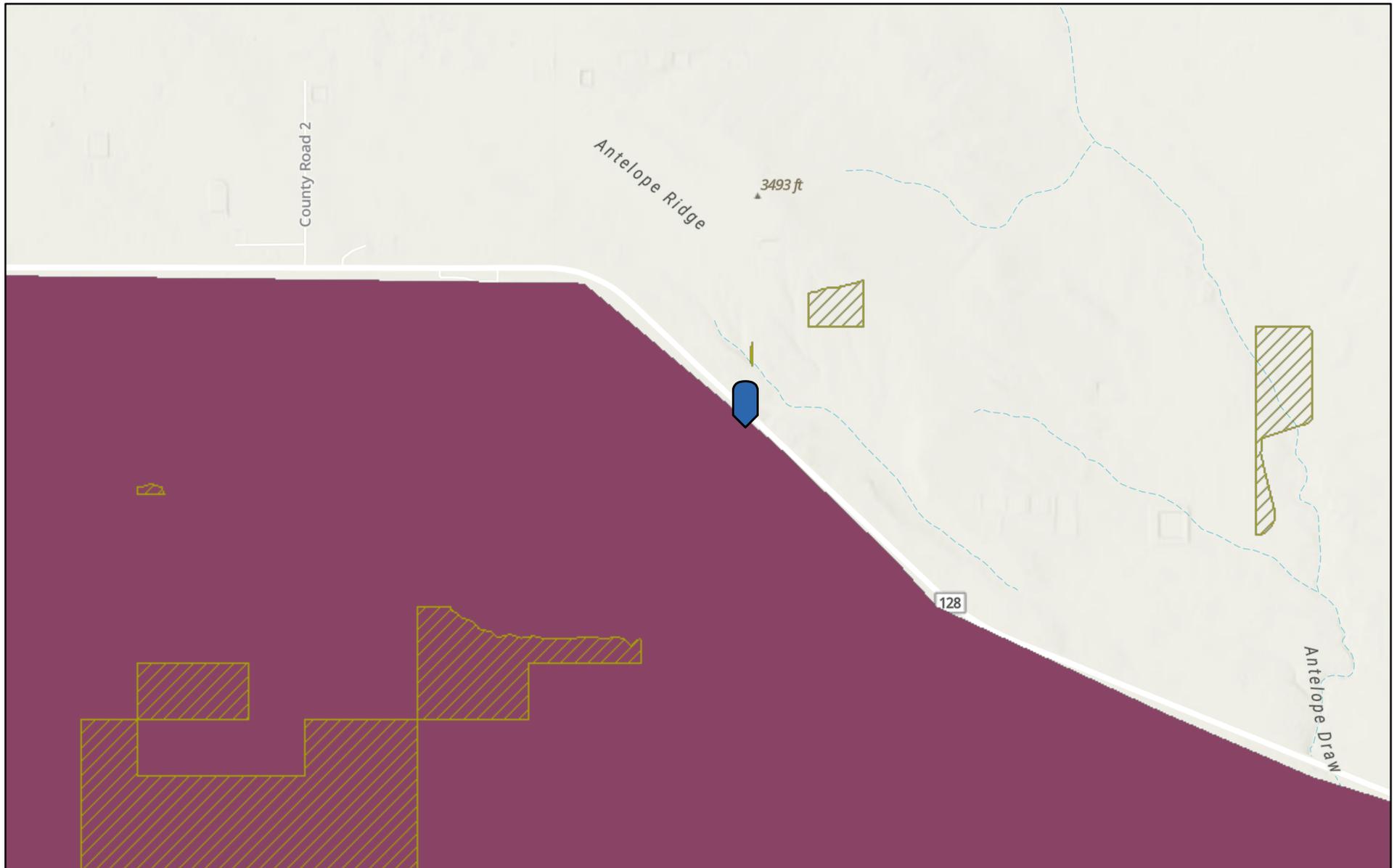
- ArcGIS World Geocoding Service
- Lesser Prairie Chicken Habitat
- Isolated Population Area
- Scheer's beehive cactus
- World Imagery
- Low Resolution 15m Imagery

- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations
- 2.4m Resolution Metadata



Vantor, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Bureau of Land Management - New Mexico State Office

HWY 128 Riser Release



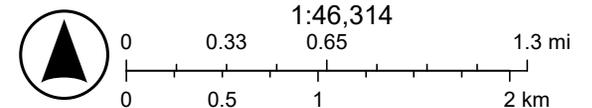
9/23/2025

Potential Habitat (Planning Area Only) Lesser Prairie Chicken Habitat

 Scheer's beehive cactus

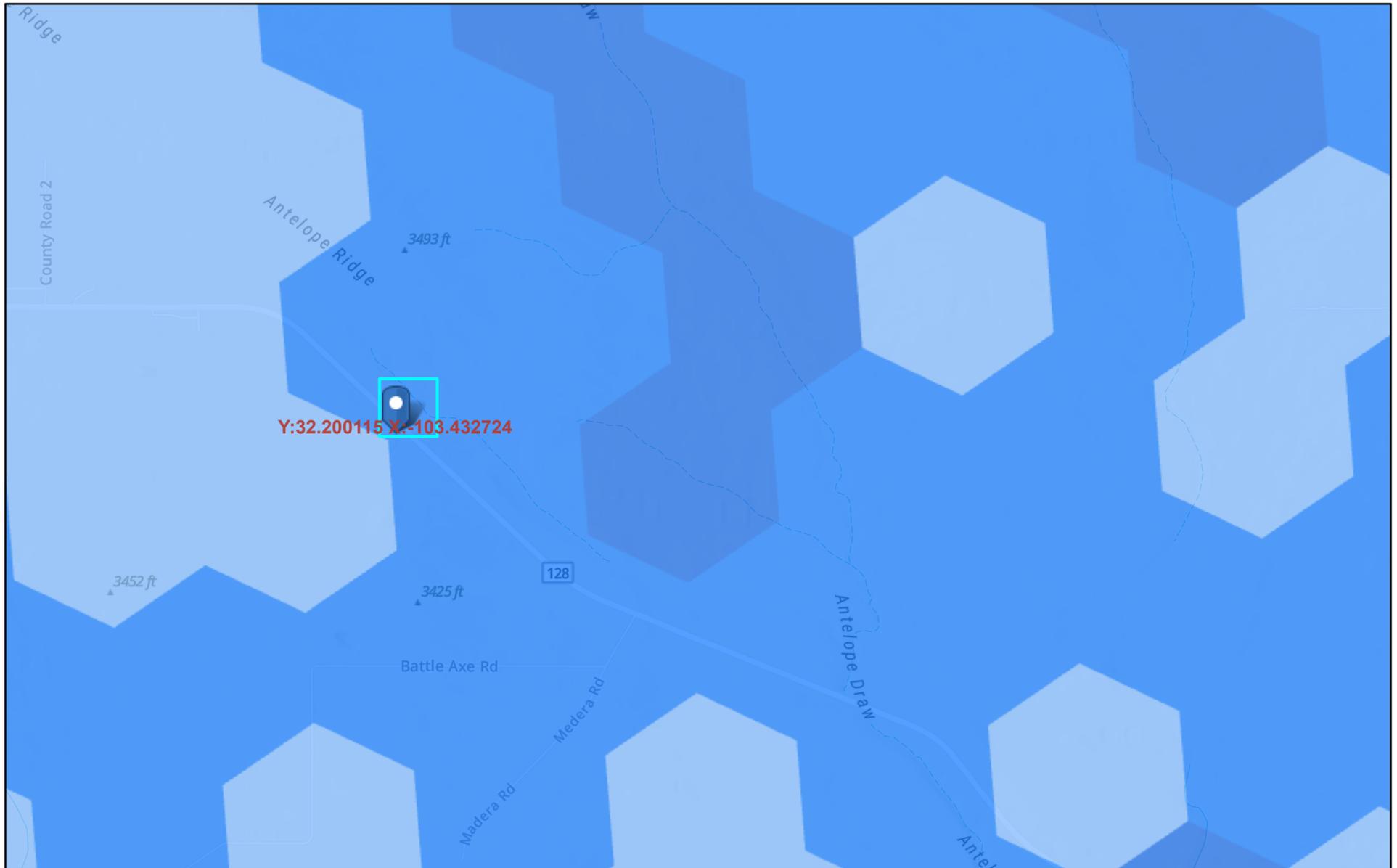
 Isolated Population Area

World_Hillshade



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

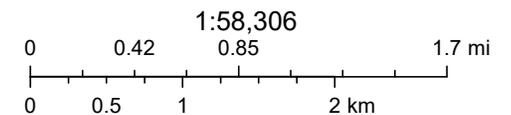
HWY 128 Riser Release



September 23, 2025

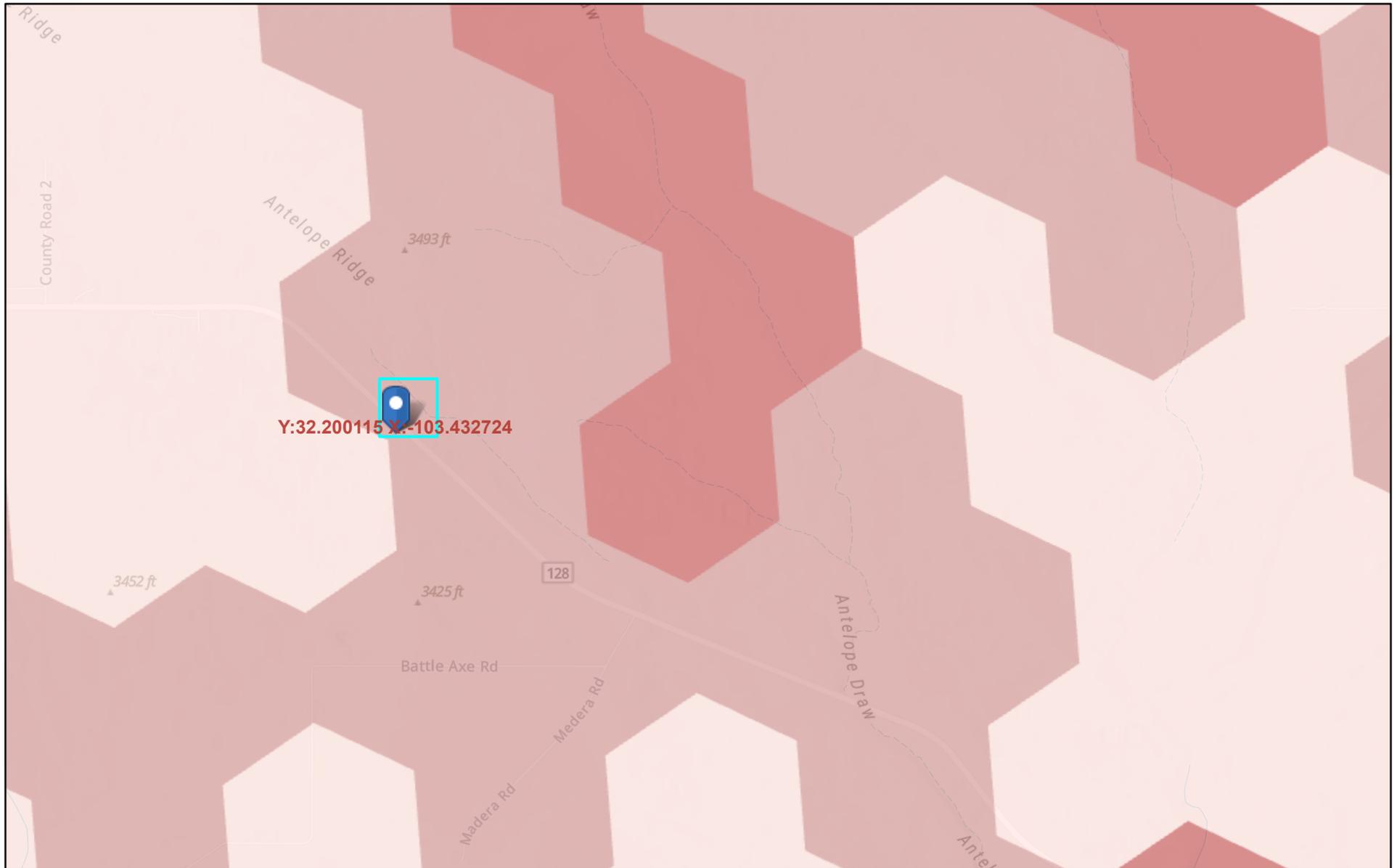
CHAT_Fullupdate2024_revised_20240514

	3		4
	3		5



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

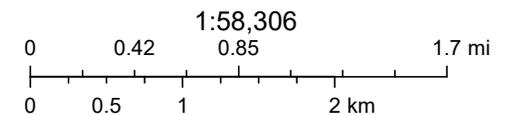
HWY 128 Riser Release



September 23, 2025

SOC_2024update_revised_20240514

	4
	3
	5



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

IPaC**U.S. Fish & Wildlife Service**

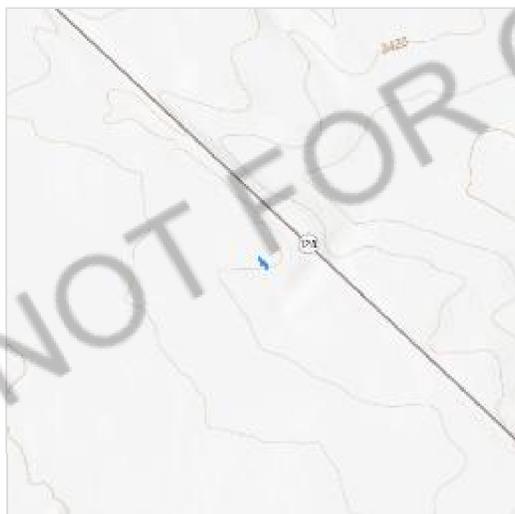
IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Lea County, New Mexico



Local office

New Mexico Ecological Services Field Office

☎ (505) 346-2525

📅 (505) 346-2542

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

-
1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
 2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Lesser Prairie-chicken <i>Tympanuchus pallidicinctus</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1924	Endangered
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> Wherever found There is proposed critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2](#) and the Migratory Bird Treaty Act (MBTA) [1](#). Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The [data](#) in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in

your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior [authorization](#) by the Department of Interior U.S. Fish and Wildlife Service (FWS).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

The [data](#) in this location indicates that no migratory birds of concern have been observed in this area. This does not mean [birds of concern](#) are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine what migratory birds of concern may be present (e.g. your local FWS field office, state surveys, your own surveys).

Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the [Bald and Golden Eagle Protection Act](#) and those species marked as "Vulnerable". See the FAQ "What are the levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Bald and Golden Eagle Protection Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

Wildlife refuges and fish hatcheries

Refuge and fish hatchery information is not available at this time

Wetlands in the National Wetlands Inventory (NWI)

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONVEYANCE



APPENDIX D: NMOCD CORRESPONDENCE





Fw: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 506402

From Long, Brittany <Brittany.Long@tetrattech.com>
Date Mon 12/15/2025 12:04 PM
To Flores, Miguel <MIGUEL.FLORES@tetrattech.com>

📎 1 attachment (3 MB)
NMED_SSG_VOL_I_-June_2022.pdf;

See the NMOCD email below and what they attached.

Brittany D. Long,

Brittany D. Long | Biologist & Project Manager

Phone: 432.682.4559 | Mobile 432.741.5813 | Fax:432.682.3946

Brittany.Long@tetrattech.com

Tetra Tech | *Leading with Science*®

901 West Wall Street, Suite 100 Midland, Texas 79701

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    Please consider the environment before printing. [Read more](#)



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, September 22, 2025 2:29 PM
To: Todd Wells <Todd_Wells@eogresources.com>
Cc: Bill Smith <Bill_Smith@eogresources.com>; Long, Brittany <brittany.long@tetrattech.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 506402

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Good afternoon Todd,

Per 19.15.29.11.A.(5)(e) NMAC “If a known release of other oil field related chemicals occurs that is not included in Table I of 19.15.29.12 NMAC, and does not include oil, gas, produced water or other fluids from the wellstream, the standards for remediation shall be as follows: (i) if

the constituent appears on Table 1 of 40 C.F.R. 261.24(b), then that constituent shall be remediated according to 40 C.F.R. 261.24; (ii) if the constituent is not identified in Table 1 of 40 C.F.R. 261.24(b), but is identified in the New Mexico environment department's Risk Assessment Guidance for Site Investigations and Remediation Volumes I and II (assessment), the division will determine the appropriate Assessment Volume and remediation shall occur pursuant to the assessment."

I am attaching the New Mexico Environment Department's "Risk Assessment Guidance for Site Investigations and Remediation," for your reference for the diesel release that occurred on 9/1/2025 at nAPP2525936329 Hwy 128 Riser. Referring to this document, the OCD is requiring all samples be analyzed for the Indicator Compounds Associated with TPH Mixtures in New Mexico, except for Lead and Metals found on Table 6-3 on pg. 98. The OCD will utilize Table A-1: NMED Soil Screening Levels, "CW, DAF 20" for the Closure Criteria for the Indicator Compounds mentioned above. Additionally, samples must be analyzed for Total Petroleum Hydrocarbons (TPH) including DRO (Diesel Range Organics), GRO (Gasoline Range Organics) and MRO/ORO (Motor/Oil Range Organics). Refer to Table 6-4, column SL-SSL TPH DAF=20 for the Closure Criteria for Diesel #2 and any additional petroleum products that may be present in the analytical results.

Sincerely,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Todd Wells <Todd_Wells@eogresources.com>
Sent: Thursday, September 18, 2025 8:22 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Bill Smith <Bill_Smith@eogresources.com>; Long, Brittany <brittany.long@tetrattech.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 506402

Good Morning Shelly,

Attached is the SDS for the diesel released at the Hwy 128 Riser site. Please let us know if you have any questions.

Thank you,

Todd

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, September 17, 2025 11:50 AM
To: Todd Wells <Todd_Wells@eogresources.com>
Cc: Bill Smith <Bill_Smith@eogresources.com>; Long, Brittany <brittany.long@tetrattech.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 506402

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you for sending these over Todd! Definitely helps to paint the picture of what happened. I will let you know if we have any further questions.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Todd Wells <Todd_Wells@eogresources.com>
Sent: Wednesday, September 17, 2025 10:36 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Bill Smith <Bill_Smith@eogresources.com>; Long, Brittany <brittany.long@tetrattech.com>
Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 506402

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning Shelly,

Attached are a couple of photos from the Hwy 128 Riser site in Lea County that show the pumps, diesel tanks, and containment. We are working on getting the SDS and will send them to you. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, September 17, 2025 10:57 AM
To: Todd Wells <Todd_Wells@eogresources.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 506402

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Todd Wells for EOG RESOURCES INC),
The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2525936329,
with the following conditions:

- **Initial C-141 approved. A remediation plan or remediation closure report is due to the OCD by 12/01/2025. Additional reporting to other agencies may be applicable.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,

Shelly Wells

Environmental Specialist-A

505-469-7520

Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Flores, Miguel

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, December 1, 2025 3:57 PM
To: Todd Wells
Cc: Bill Smith; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] nAPP2525936329 - Hwy 128 Riser - Extension Request

Follow Up Flag: Follow up
Flag Status: Flagged

 **CAUTION - External Sender**
This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Todd,

A 30-day extension is approved for nAPP2525936329 Hwy 128 Riser. A remediation plan or a remediation closure report must be submitted to the OCD Permitting website no later than December 31, 2025. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Todd Wells <Todd_Wells@eogresources.com>
Sent: Monday, December 1, 2025 3:48 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Bill Smith <Bill_Smith@eogresources.com>
Subject: [EXTERNAL] nAPP2525936329 - Hwy 128 Riser - Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon Shelly,

This correspondence is to request a thirty-day extension of time from the OCD for the diesel release at the EOG, Hwy 128 Riser site, Incident #nAPP2525936329 location in Lea County, New Mexico. The soil assessment has been completed, and the release site is delineated. The requested extension of time is to complete the writing and submit the remediation work plan. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells
Environmental Specialist
Midland Division



5509 Champions Drive
Midland, TX 79706
O: (432) 686-3613
C: (432) 312-7736
Todd_Wells@eogresources.com



APPENDIX E: LABORATORY DATA





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

September 10, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: HIGHWAY 128 RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/04/25 13:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/04/2025	Sampling Date:	09/03/2025
Reported:	09/10/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 1 (0-0.5') (H255510-01)

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	09/05/2025	ND	1.78	89.2	2.00	7.92	
Toluene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	4.62	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.20	110	2.00	1.69	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.86	114	6.00	0.871	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	09/05/2025	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	09/05/2025	ND	195	97.7	200	3.94	
DRO >C10-C28*	<10.0	10.0	09/05/2025	ND	196	98.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	09/05/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 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:	09/04/2025	Sampling Date:	09/03/2025
Reported:	09/10/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 2 (0-0.5') (H255510-02)

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	09/05/2025	ND	1.78	89.2	2.00	7.92	
Toluene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	4.62	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.20	110	2.00	1.69	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.86	114	6.00	0.871	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/05/2025	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	09/08/2025	ND	191	95.5	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/08/2025	ND	181	90.7	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/08/2025	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.9 % 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:	09/04/2025	Sampling Date:	09/03/2025
Reported:	09/10/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 3 (0-0.5') (H255510-03)

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	09/05/2025	ND	1.78	89.2	2.00	7.92	
Toluene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	4.62	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.20	110	2.00	1.69	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.86	114	6.00	0.871	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	09/05/2025	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	09/08/2025	ND	191	95.5	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/08/2025	ND	181	90.7	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/08/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 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:	09/04/2025	Sampling Date:	09/03/2025
Reported:	09/10/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 4 (0-0.5') (H255510-04)

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	09/05/2025	ND	1.78	89.2	2.00	7.92	
Toluene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	4.62	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.20	110	2.00	1.69	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.86	114	6.00	0.871	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	09/05/2025	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	09/08/2025	ND	191	95.5	200	2.84	
DRO >C10-C28*	97.6	10.0	09/08/2025	ND	181	90.7	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/08/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 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:	09/04/2025	Sampling Date:	09/03/2025
Reported:	09/10/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 5 (0-0.5') (H255510-05)

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	09/05/2025	ND	1.78	89.2	2.00	7.92	
Toluene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	4.62	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.20	110	2.00	1.69	
Total Xylenes*	0.307	0.150	09/05/2025	ND	6.86	114	6.00	0.871	GC-NC1
Total BTEX	0.307	0.300	09/05/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	09/05/2025	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	09/08/2025	ND	191	95.5	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/08/2025	ND	181	90.7	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	09/08/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.3 % 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:	09/04/2025	Sampling Date:	09/03/2025
Reported:	09/10/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 6 (0-0.5') (H255510-06)

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	09/05/2025	ND	1.78	89.2	2.00	7.92	
Toluene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	4.62	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.20	110	2.00	1.69	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.86	114	6.00	0.871	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	09/05/2025	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	09/08/2025	ND	191	95.5	200	2.84	
DRO >C10-C28*	490	10.0	09/08/2025	ND	181	90.7	200	2.48	
EXT DRO >C28-C36	195	10.0	09/08/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

September 15, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: HIGHWAY 128 RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/09/25 10:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 7 (0-0.5') (H255613-01)

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	09/10/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	<0.050	0.050	09/10/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	<0.050	0.050	09/10/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	<0.150	0.150	09/10/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	<0.300	0.300	09/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 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	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	149	10.0	09/09/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	17.9	10.0	09/09/2025	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 8 (0-0.5') (H255613-02)

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	09/10/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	<0.050	0.050	09/10/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	<0.050	0.050	09/10/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	<0.150	0.150	09/10/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	<0.300	0.300	09/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 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	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	115	10.0	09/09/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.6 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 1 (0-1.0') (H255613-03)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	0.094	0.050	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	1.06	0.050	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	7.66	0.150	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	8.82	0.300	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 167 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	749	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	16900	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 714 % 44.4-145

Surrogate: 1-Chlorooctadecane 626 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 1 (1.0'-1.5') (H255613-04)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	0.775	0.200	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	5.29	0.200	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	32.7	0.600	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	38.8	1.20	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 171 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1960	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	25600	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 1170 % 44.4-145

Surrogate: 1-Chlorooctadecane 948 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 2 (0-1.0') (H255613-05)

BTEX 8021B		mg/kg		Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	09/11/2025	ND	1.79	89.6	2.00	0.0822		
Toluene*	0.383	0.100	09/11/2025	ND	1.84	92.2	2.00	0.525		
Ethylbenzene*	2.53	0.100	09/11/2025	ND	1.83	91.6	2.00	0.564		
Total Xylenes*	16.2	0.300	09/11/2025	ND	5.41	90.1	6.00	0.415		
Total BTEX	19.1	0.600	09/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 163 % 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	09/09/2025	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1100	50.0	09/10/2025	ND	185	92.7	200	0.578		
DRO >C10-C28*	18800	50.0	09/10/2025	ND	183	91.3	200	0.627		
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND						

Surrogate: 1-Chlorooctane 1410 % 44.4-145

Surrogate: 1-Chlorooctadecane 687 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 2 (1.0'-1.5') (H255613-06)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	1.68	0.200	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	7.77	0.200	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	45.8	0.600	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	55.2	1.20	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 182 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2250	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	26500	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 1230 % 44.4-145

Surrogate: 1-Chlorooctadecane 901 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 3 (0-1.0') (H255613-07)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	0.493	0.100	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	3.27	0.100	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	19.6	0.300	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	23.4	0.600	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 184 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1130	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	16900	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 744 % 44.4-145

Surrogate: 1-Chlorooctadecane 486 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 3 (1.0'-1.5') (H255613-08)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	2.28	0.500	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	10.3	0.500	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	59.3	1.50	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	71.9	3.00	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2800	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	29400	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 2280 % 44.4-145

Surrogate: 1-Chlorooctadecane 987 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 4 (0-1.0') (H255613-09)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	0.596	0.100	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	2.69	0.100	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	16.0	0.300	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	19.3	0.600	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 157 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	937	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	13100	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 593 % 44.4-145

Surrogate: 1-Chlorooctadecane 402 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 4 (1.0'-1.5') (H255613-10)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	1.10	0.200	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	5.78	0.200	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	33.4	0.600	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	40.3	1.20	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 163 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2020	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	29300	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 1300 % 44.4-145

Surrogate: 1-Chlorooctadecane 963 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 5 (0-1.0') (H255613-11)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	0.864	0.200	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	5.22	0.200	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	30.1	0.600	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	36.1	1.20	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1470	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	16900	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 786 % 44.4-145

Surrogate: 1-Chlorooctadecane 473 % 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:	09/09/2025	Sampling Date:	09/08/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	HIGHWAY 128 RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: AH - 5 (1.0'-1.5') (H255613-12)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	09/11/2025	ND	1.79	89.6	2.00	0.0822	
Toluene*	2.63	0.500	09/11/2025	ND	1.84	92.2	2.00	0.525	
Ethylbenzene*	11.1	0.500	09/11/2025	ND	1.83	91.6	2.00	0.564	
Total Xylenes*	60.1	1.50	09/11/2025	ND	5.41	90.1	6.00	0.415	
Total BTEX	73.8	3.00	09/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 147 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/09/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2910	50.0	09/10/2025	ND	185	92.7	200	0.578	
DRO >C10-C28*	30900	50.0	09/10/2025	ND	183	91.3	200	0.627	
EXT DRO >C28-C36	<50.0	50.0	09/10/2025	ND					

Surrogate: 1-Chlorooctane 1460 % 44.4-145

Surrogate: 1-Chlorooctadecane 1010 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 882-4559
Fax (432) 882-3946

Client Name: EOG Site Manager: Brittany Long

Project Name: Highway 128 Riser Release (432) 741-5813
brittany.long@tetratech.com

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

Invoice to: EOG ATTN: Todd Wells

Receiving Laboratory: Cardinal Labs Sampler Signature: Garry Allen

Comments: Chloride 4500 (NM site) Include Miguel Flores in results miguel.flores@tetratech.com

LAB # HASS013
(LAB USE ONLY)

SAMPLE IDENTIFICATION

LAB #	SAMPLE IDENTIFICATION	SAMPLING		MATRIX				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃		
H-7 (0-0.5')		9/8/2025	9:00	X				X	
H-8 (0-0.5')		9/8/2025	9:05	X				X	
AH-1 (0-1.0')		9/8/2025	9:10	X				X	
AH-1 (1.0'-1.5')		9/8/2025	9:15	X				X	
AH-2 (0-1.0')		9/8/2025	9:20	X				X	
AH-2 (1.0'-1.5')		9/8/2025	9:25	X				X	
AH-3 (0-1.0')		9/8/2025	9:30	X				X	
AH-3 (1.0'-1.5')		9/8/2025	9:35	X				X	
AH-4 (0-1.0')		9/8/2025	9:40	X				X	
AH-4 (1.0'-1.5')		9/8/2025	9:45	X				X	

Relinquished by: [Signature] Date: 9-9-25 Time: 10:32
Received by: [Signature] Date: 9-9-25 Time: 10:35

Relinquished by: [Signature] Date: [] Time: []
Received by: [Signature] Date: [] Time: []

ANALYSIS REQUEST (Circle or Specify Method No.)

<input checked="" type="checkbox"/>	BTEX 8021B
<input checked="" type="checkbox"/>	BTEX 8260B
<input checked="" type="checkbox"/>	TPH TX1005 (Ext to C35)
<input checked="" type="checkbox"/>	TPH 8015M (GRO - DRO - ORO)
<input checked="" type="checkbox"/>	PAH 8270C
<input checked="" type="checkbox"/>	Total Metals Ag As Ba Cd Cr Pb Se Hg
<input checked="" type="checkbox"/>	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
<input checked="" type="checkbox"/>	TCLP Volatiles
<input checked="" type="checkbox"/>	TCLP Semi Volatiles
<input checked="" type="checkbox"/>	RCI
<input checked="" type="checkbox"/>	GC/MS Vol. 8260B / 624
<input checked="" type="checkbox"/>	GC/MS Semi. Vol. 8270C/625
<input checked="" type="checkbox"/>	PCB's 8082 / 608
<input checked="" type="checkbox"/>	NORM
<input checked="" type="checkbox"/>	PLM (Asbestos)
<input checked="" type="checkbox"/>	Chloride 4500
<input checked="" type="checkbox"/>	Chloride Sulfate TDS
<input checked="" type="checkbox"/>	General Water Chemistry (see attached list)
<input checked="" type="checkbox"/>	Anion/Cation Balance
<input checked="" type="checkbox"/>	Hold

LAB USE ONLY

Sample Temperature: 53°C / 120-3: / S.V. #140

REMARKS: STANDARD TAT

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

ORIGINAL COPY

Analysis Request of Chain 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: **EOG** Site Manager: **Brittany Long**

Project Name: **Highway 128 Riser Release** (432) 741-5813
Project #: **212C-MD-XXXX** brittany.long@tetratech.com

Project Location: **Lea County, NM** (county, state)

Receiving Laboratory: **Cardinal Labs** Sampler Signature: **Garry Allen**

Comments: **Chloride 4500 (NM site) Include Miguel Flores in results miguel.flores@tetratech.com**

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃		
11	AH-5 (0-1.0')	9/8/2025	9:50	X	X		X	X	X
12	AH-5 (1.0'-1.5')	9/8/2025	9:55	X	X		X	X	X

LAB USE ONLY

Sample Temperature: **53.1**

REMARKS: **STANDARD TAT**

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking # **5614140**

ANALYSIS REQUEST
(Circle or Specify Method No.)

ORIGINAL COPY



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

October 28, 2025

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: HIGHWAY 128 RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/22/25 13:47.

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/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: HIGHWAY 128 RISER RELEASE
Project Number: 212C - MD - 03964
Project Manager: BRITTANY LONG
Fax To: (432) 682-3946

Reported:
28-Oct-25 15:04

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
H - 6 (0-1')	H256654-01	Soil	22-Oct-25 00:00	22-Oct-25 13:47
H - 7 (0-1')	H256654-02	Soil	22-Oct-25 00:00	22-Oct-25 13:47
H - 8 (0-1')	H256654-03	Soil	22-Oct-25 00:00	22-Oct-25 13:47
H - 9 (0-1')	H256654-04	Soil	22-Oct-25 00:00	22-Oct-25 13:47
H - 10 (0-1')	H256654-05	Soil	22-Oct-25 00:00	22-Oct-25 13:47
H - 11 (0-1')	H256654-06	Soil	22-Oct-25 00:00	22-Oct-25 13:47
T - 1 (0-1')	H256654-07	Soil	22-Oct-25 00:00	22-Oct-25 13:47
T - 1 (1-2')	H256654-08	Soil	22-Oct-25 00:00	22-Oct-25 13:47
T - 1 (2-3')	H256654-09	Soil	22-Oct-25 00:00	22-Oct-25 13:47
T - 1 (3-4')	H256654-10	Soil	22-Oct-25 00:00	22-Oct-25 13:47
T - 2 (0-1')	H256654-11	Soil	22-Oct-25 00:00	22-Oct-25 13:47
T - 2 (1-2')	H256654-12	Soil	22-Oct-25 00:00	22-Oct-25 13:47
T - 2 (2-3')	H256654-13	Soil	22-Oct-25 00:00	22-Oct-25 13:47
T - 2 (3-4')	H256654-14	Soil	22-Oct-25 00:00	22-Oct-25 13:47
HA - 1 (0-1')	H256654-15	Soil	22-Oct-25 00:00	22-Oct-25 13:47
HA - 2 (0-1')	H256654-16	Soil	22-Oct-25 00:00	22-Oct-25 13:47

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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 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 6 (0-1')
H256654-01 (Soil)**

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

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-CI-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	353		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	129		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctane			81.4 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			87.4 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 6 (0-1')
 H256654-01 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 6 (0-1')
H256654-01 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	QM-07
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	0.033		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	QR-03
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			99.5 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			103 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			104 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 6 (0-1')
H256654-01 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	QR-03
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	QR-03
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			82.4 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			78.9 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			93.1 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: HIGHWAY 128 RISER RELEASE
Project Number: 212C - MD - 03964
Project Manager: BRITTANY LONG
Fax To: (432) 682-3946

Reported:
28-Oct-25 15:04

H - 7 (0-1')**H256654-02 (Soil)**

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

Chloride	<16.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctane			78.8 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			75.9 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 7 (0-1')
 H256654-02 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 7 (0-1')
H256654-02 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	0.026		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			97.8 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			104 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			106 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 7 (0-1')
H256654-02 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			80.4 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			67.4 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			84.7 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 8 (0-1')
H256654-03 (Soil)**

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

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctane			87.2 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			84.0 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 8 (0-1')
 H256654-03 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 8 (0-1')
H256654-03 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
Isopropylbenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
Bromobenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
n-Propylbenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,1,2,2-Tetrachloroethane*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
2-Chlorotoluene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,2,3-trichloropropane*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,3,5-Trimethylbenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
trans-1,4-Dichloro-2-butene	<0.250	0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B
4-Chlorotoluene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
tert-Butylbenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,2,4-Trimethylbenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
sec-Butylbenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
p-Isopropyltoluene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,3-Dichlorobenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,4-Dichlorobenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
n-Butylbenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,2-Dichlorobenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,2-Dibromo-3-chloropropane*	<0.250	0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B
Hexachlorobutadiene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,2,4-Trichlorobenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
Naphthalene*	0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,2,3-Trichlorobenzene*	<0.025	0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B
1,4-Dioxane	<6.25	6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B
Surrogate: Dibromofluoromethane		97.7 %	84.6-114	5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8		105 %	90.4-109	5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene		104 %	82.5-117	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 8 (0-1')
 H256654-03 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			91.0 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			77.4 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			104 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 9 (0-1')
H256654-04 (Soil)**

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

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctane			79.1 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			76.3 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 9 (0-1')
H256654-04 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 9 (0-1')
H256654-04 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			95.8 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			105 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			102 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 9 (0-1')
H256654-04 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			84.9 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			72.6 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			92.6 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 10 (0-1')
H256654-05 (Soil)**

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

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctane			84.9 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			82.8 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 10 (0-1')
 H256654-05 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 10 (0-1')
H256654-05 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			96.6 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			103 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			101 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 10 (0-1')
H256654-05 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			97.3 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			82.6 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			107 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 11 (0-1')
H256654-06 (Soil)**

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

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	77.7		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	39.1		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	

Surrogate: 1-Chlorooctane			77.5 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			76.2 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 11 (0-1')
H256654-06 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 11 (0-1')
H256654-06 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	0.028		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			97.6 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			104 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			102 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**H - 11 (0-1')
H256654-06 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			84.9 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			73.9 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			101 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (0-1')
H256654-07 (Soil)**

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

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	238		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	2130		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			111 %	52.4-130		5102224	MS	22-Oct-25	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			107 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (0-1')
H256654-07 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	0.120		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	0.456		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	2.25		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	3.45		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	1.20		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (0-1')
H256654-07 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	0.299		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	0.967		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	2.21		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	7.19		0.050	mg/kg	100	5102321	SK	27-Oct-25	8260B	
sec-Butylbenzene*	0.845		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	1.43		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	1.58		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	0.621		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			96.6 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			105 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			134 %	82.5-117		5102321	SK	23-Oct-25	8260B	S-04

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (0-1')
H256654-07 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	0.103		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	0.473		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	0.331		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	0.060		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	0.062		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	0.177		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			100 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			77.2 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			102 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (1-2')
H256654-08 (Soil)**

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

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	148		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	1030		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	

Surrogate: 1-Chlorooctane			91.9 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			95.6 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (1-2')
 H256654-08 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	0.147		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	0.493		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	2.36		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	3.59		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	1.22		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (1-2')
H256654-08 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	0.299		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	0.908		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	1.86		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	6.02		0.050	mg/kg	100	5102321	SK	27-Oct-25	8260B	
sec-Butylbenzene*	0.712		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	1.25		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	1.45		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	0.578		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			95.4 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			106 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			126 %	82.5-117		5102321	SK	23-Oct-25	8260B	S-04

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (1-2')
H256654-08 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	0.635		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	1.28		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	0.837		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	0.100		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	0.157		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	0.101		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	0.408		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			98.9 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			65.5 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			95.2 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (2-3')
H256654-09 (Soil)**

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

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	5102773	KH	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	21.5		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	

Surrogate: 1-Chlorooctane			61.0 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			58.8 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (2-3')
 H256654-09 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	0.060		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	0.037		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	0.097		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (2-3')
H256654-09 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	0.031		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	0.034		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	0.087		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	0.051		0.025	mg/kg	50	5102321	SK	27-Oct-25	8260B	
sec-Butylbenzene*	0.057		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	0.096		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	0.133		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	0.152		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			96.7 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			102 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			108 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (2-3')
H256654-09 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			77.6 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			62.6 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			70.1 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (3-4')
H256654-10 (Soil)**

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

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5102734	HM	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctane			74.3 %	52.4-130		5102224	MS	22-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			69.5 %	39.9-141		5102224	MS	22-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (3-4')
H256654-10 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: HIGHWAY 128 RISER RELEASE
Project Number: 212C - MD - 03964
Project Manager: BRITTANY LONG
Fax To: (432) 682-3946

Reported:
28-Oct-25 15:04

T - 1 (3-4')
H256654-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**VOLATILES BY GC/MS**

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	0.027		0.025	mg/kg	50	5102321	SK	27-Oct-25	8260B	
sec-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	0.053		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			96.1 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			104 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			106 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 1 (3-4')
H256654-10 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	23-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			85.0 %	5.17-184		5102227	SK	23-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			75.9 %	7.39-192		5102227	SK	23-Oct-25	8270C	
Surrogate: Terphenyl-d14			91.0 %	27.5-139		5102227	SK	23-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (0-1')
H256654-11 (Soil)**

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

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	5102734	HM	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	2280		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	
DRO >C10-C28*	13400		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	
EXT DRO >C28-C36	<50.0		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			392 %	52.4-130		5102224	MS	23-Oct-25	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			219 %	39.9-141		5102224	MS	23-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.500		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<2.50		2.50	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<2.50		2.50	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<2.50		2.50	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<2.50		2.50	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Iodomethane	<2.50		2.50	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Acrolein*	<2.50		2.50	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<5.00		5.00	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Acetone*	<5.00		5.00	mg/kg	500	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.500		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.500		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (0-1')
H256654-11 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.500		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.500		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Toluene*	2.65		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.500		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.500		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	5.71		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	25.7		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	39.1		0.500	mg/kg	500	5102321	SK	23-Oct-25	8260B	
o-Xylene*	13.3		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (0-1')
H256654-11 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	3.12		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	8.83		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	16.9		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<2.50		2.50	mg/kg	500	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	48.1		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	6.30		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	10.4		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	11.6		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<2.50		2.50	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Naphthalene*	4.33		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.250		0.250	mg/kg	500	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<62.5		62.5	mg/kg	500	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			111 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			97.2 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			116 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (0-1')
H256654-11 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	3.74		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
2-Methylnaphthalene*	6.40		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
1-Methylnaphthalene	3.94		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Acenaphthylene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Acenaphthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Fluorene*	0.468		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Phenanthrene*	0.613		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Carbazole*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Fluoranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Pyrene*	1.74		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[a]anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Chrysene	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[b]flouranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[k]flouranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[a]pyrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			155 %	5.17-184		5102227	SK	24-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			77.6 %	7.39-192		5102227	SK	24-Oct-25	8270C	
Surrogate: Terphenyl-d14			91.7 %	27.5-139		5102227	SK	24-Oct-25	8270C	

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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (1-2')
H256654-12 (Soil)**

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

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5102734	HM	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	4830		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	
DRO >C10-C28*	25500		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	
EXT DRO >C28-C36	<50.0		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	
Surrogate: 1-Chlorooctane			784 %	52.4-130		5102224	MS	23-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			307 %	39.9-141		5102224	MS	23-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Iodomethane	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acrolein*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<20.0		20.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acetone*	<20.0		20.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (1-2')
H256654-12 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloroform*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Benzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Toluene*	11.0		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	17.0		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	71.9		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	106		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
o-Xylene*	34.4		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromoform*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (1-2')
H256654-12 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	7.53		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	21.5		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	37.0		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	105		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	12.9		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	21.4		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	21.0		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Naphthalene*	9.29		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<250		250	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			102 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			104 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			119 %	82.5-117		5102321	SK	23-Oct-25	8260B	S-04

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (1-2')
H256654-12 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	7.73		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
2-Methylnaphthalene*	12.5		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
1-Methylnaphthalene	7.53		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Acenaphthylene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Acenaphthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Fluorene*	1.04		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Phenanthrene*	1.08		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Carbazole*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Fluoranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Pyrene*	3.33		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[a]anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Chrysene	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[b]flouranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[k]flouranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[a]pyrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			253 %	5.17-184		5102227	SK	24-Oct-25	8270C	S-BN
Surrogate: 2-Fluorobiphenyl			75.6 %	7.39-192		5102227	SK	24-Oct-25	8270C	
Surrogate: Terphenyl-d14			96.5 %	27.5-139		5102227	SK	24-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (2-3')
H256654-13 (Soil)**

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

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5102734	HM	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	5230		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	
DRO >C10-C28*	26800		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	
EXT DRO >C28-C36	<50.0		50.0	mg/kg	5	5102224	MS	23-Oct-25	8015B	

Surrogate: 1-Chlorooctane			841 %	52.4-130		5102224	MS	23-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			321 %	39.9-141		5102224	MS	23-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Iodomethane	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acrolein*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<20.0		20.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acetone*	<20.0		20.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	

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**T - 2 (2-3')
H256654-13 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloroform*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Benzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Toluene*	13.2		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	18.8		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	76.3		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	113		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
o-Xylene*	36.3		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromoform*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (2-3')
H256654-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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VOLATILES BY GC/MS

Styrene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	8.40		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	24.1		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	38.2		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	111		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	13.8		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	22.8		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	23.1		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Naphthalene*	10.0		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<250		250	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			101 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			104 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			111 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (2-3')
H256654-13 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	8.87		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
2-Methylnaphthalene*	15.0		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
1-Methylnaphthalene	8.57		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Acenaphthylene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Acenaphthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Fluorene*	1.16		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Phenanthrene*	1.44		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Carbazole*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Fluoranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Pyrene*	3.62		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[a]anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Chrysene	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[b]flouranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[k]flouranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[a]pyrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			256 %	5.17-184		5102227	SK	24-Oct-25	8270C	S-BN
Surrogate: 2-Fluorobiphenyl			84.9 %	7.39-192		5102227	SK	24-Oct-25	8270C	
Surrogate: Terphenyl-d14			100 %	27.5-139		5102227	SK	24-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (3-4')
H256654-14 (Soil)**

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

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	5102734	HM	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

S-04

GRO C6-C10*	1330		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	
DRO >C10-C28*	7340		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	

Surrogate: 1-Chlorooctane			226 %	52.4-130		5102224	MS	23-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			143 %	39.9-141		5102224	MS	23-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Iodomethane	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acrolein*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<20.0		20.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acetone*	<20.0		20.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (3-4')
H256654-14 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chloroform*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Benzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Toluene*	2.82		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<2.00		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	5.10		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	21.0		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	31.8		2.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
o-Xylene*	10.8		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromoform*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (3-4')
H256654-14 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	3.14		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	7.53		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	12.1		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	36.0		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	4.99		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	7.96		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	8.05		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<10.0		10.0	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Naphthalene*	4.40		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<1.00		1.00	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<250		250	mg/kg	2000	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			102 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			101 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			110 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**T - 2 (3-4')
H256654-14 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	1.54		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
2-Methylnaphthalene*	3.83		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
1-Methylnaphthalene	2.38		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Acenaphthylene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Acenaphthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Fluorene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Phenanthrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Carbazole*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Fluoranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Pyrene*	1.04		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[a]anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Chrysene	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[b]flouranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[k]flouranthene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[a]pyrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.400		0.400	mg/kg	400	5102227	SK	24-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			117 %	5.17-184		5102227	SK	24-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			73.4 %	7.39-192		5102227	SK	24-Oct-25	8270C	
Surrogate: Terphenyl-d14			90.1 %	27.5-139		5102227	SK	24-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**HA - 1 (0-1')
H256654-15 (Soil)**

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

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	5102734	HM	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	
Surrogate: 1-Chlorooctane			93.9 %	52.4-130		5102224	MS	23-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			88.8 %	39.9-141		5102224	MS	23-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**HA - 1 (0-1')
H256654-15 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**HA - 1 (0-1')
H256654-15 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	0.042		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			95.0 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			103 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			105 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**HA - 1 (0-1')
H256654-15 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			77.1 %	5.17-184		5102227	SK	24-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			77.5 %	7.39-192		5102227	SK	24-Oct-25	8270C	
Surrogate: Terphenyl-d14			90.7 %	27.5-139		5102227	SK	24-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**HA - 2 (0-1')
H256654-16 (Soil)**

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

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	5102734	HM	27-Oct-25	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102224	MS	23-Oct-25	8015B	
Surrogate: 1-Chlorooctane			76.6 %	52.4-130		5102224	MS	23-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			72.7 %	39.9-141		5102224	MS	23-Oct-25	8015B	

VOLATILES BY GC/MS

Dichlorodifluoromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloromethane*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl chloride*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichlorofluoromethane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon disulfide*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethene*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Iodomethane	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrolein*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methylene chloride	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acetone*	<0.500		0.500	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Methyl tert-butyl ether	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Acrylonitrile*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Vinyl acetate*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,2-Dichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**HA - 2 (0-1')
H256654-16 (Soil)**

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

VOLATILES BY GC/MS

Bromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chloroform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Carbon tetrachloride*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Butanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Benzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Trichloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromomethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromodichloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
cis-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Toluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Methyl-2-pentanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Tetrachloroethene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,3-Dichloropropene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2-Trichloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Dibromochloromethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromoethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Hexanone*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Chlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Ethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,1,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
m+p - Xylene*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Total Xylenes*	<0.050		0.050	mg/kg	50	5102321	SK	23-Oct-25	8260B	
o-Xylene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromoform*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**HA - 2 (0-1')
H256654-16 (Soil)**

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

VOLATILES BY GC/MS

Styrene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Isopropylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Bromobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Propylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,1,2,2-Tetrachloroethane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
2-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-trichloropropane*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3,5-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
trans-1,4-Dichloro-2-butene	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
4-Chlorotoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
tert-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trimethylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
sec-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
p-Isopropyltoluene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,3-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
n-Butylbenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2-Dibromo-3-chloropropane*	<0.250		0.250	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Hexachlorobutadiene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,4-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Naphthalene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,2,3-Trichlorobenzene*	<0.025		0.025	mg/kg	50	5102321	SK	23-Oct-25	8260B	
1,4-Dioxane	<6.25		6.25	mg/kg	50	5102321	SK	23-Oct-25	8260B	
Surrogate: Dibromofluoromethane			95.7 %	84.6-114		5102321	SK	23-Oct-25	8260B	
Surrogate: Toluene-d8			103 %	90.4-109		5102321	SK	23-Oct-25	8260B	
Surrogate: 4-Bromofluorobenzene			105 %	82.5-117		5102321	SK	23-Oct-25	8260B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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**HA - 2 (0-1')
H256654-16 (Soil)**

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

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
2-Methylnaphthalene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
1-Methylnaphthalene	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Acenaphthylene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Acenaphthene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Fluorene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Phenanthrene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Carbazole*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Fluoranthene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[a]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Chrysene	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[b]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[k]flouranthene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[a]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Indeno[1,2,3-cd]pyrene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Dibenz[a,h]anthracene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Benzo[g,h,i]perylene*	<0.040		0.040	mg/kg	40	5102227	SK	24-Oct-25	8270C	
Surrogate: Nitrobenzene-d5			61.2 %	5.17-184		5102227	SK	24-Oct-25	8270C	
Surrogate: 2-Fluorobiphenyl			68.1 %	7.39-192		5102227	SK	24-Oct-25	8270C	
Surrogate: Terphenyl-d14			83.9 %	27.5-139		5102227	SK	24-Oct-25	8270C	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5102734 - 1:4 DI Water										
Blank (5102734-BLK1) Prepared & Analyzed: 27-Oct-25										
Chloride	ND	16.0	mg/kg							
LCS (5102734-BS1) Prepared & Analyzed: 27-Oct-25										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5102734-BSD1) Prepared & Analyzed: 27-Oct-25										
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 5102773 - 1:4 DI Water										
Blank (5102773-BLK1) Prepared & Analyzed: 27-Oct-25										
Chloride	ND	16.0	mg/kg							
LCS (5102773-BS1) Prepared & Analyzed: 27-Oct-25										
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5102773-BSD1) Prepared & Analyzed: 27-Oct-25										
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102224 - General Prep - Organics

Blank (5102224-BLK1)				Prepared & Analyzed: 22-Oct-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.5		mg/kg	50.0		91.1	52.4-130			
Surrogate: 1-Chlorooctadecane	44.8		mg/kg	50.0		89.6	39.9-141			

LCS (5102224-BS1)				Prepared & Analyzed: 22-Oct-25						
GRO C6-C10	204	10.0	mg/kg	200		102	78.7-123			
DRO >C10-C28	201	10.0	mg/kg	200		101	74.8-123			
Total TPH C6-C28	405	10.0	mg/kg	400		101	78.6-121			
Surrogate: 1-Chlorooctane	49.1		mg/kg	50.0		98.2	52.4-130			
Surrogate: 1-Chlorooctadecane	49.1		mg/kg	50.0		98.2	39.9-141			

LCS Dup (5102224-BSD1)				Prepared & Analyzed: 22-Oct-25						
GRO C6-C10	195	10.0	mg/kg	200		97.3	78.7-123	4.90	11.3	
DRO >C10-C28	193	10.0	mg/kg	200		96.6	74.8-123	4.04	10.9	
Total TPH C6-C28	388	10.0	mg/kg	400		96.9	78.6-121	4.47	10.5	
Surrogate: 1-Chlorooctane	45.9		mg/kg	50.0		91.8	52.4-130			
Surrogate: 1-Chlorooctadecane	46.4		mg/kg	50.0		92.8	39.9-141			

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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VOLATILES BY GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102321 - Volatiles

Blank (5102321-BLK1)

Prepared & Analyzed: 23-Oct-25

Dichlorodifluoromethane	ND	0.025	mg/kg							
Chloromethane	ND	0.050	mg/kg							
Vinyl chloride	ND	0.025	mg/kg							
Bromomethane	ND	0.025	mg/kg							
Chloroethane	ND	0.250	mg/kg							
Trichlorofluoromethane	ND	0.250	mg/kg							
1,1-Dichloroethene	ND	0.250	mg/kg							
Carbon disulfide	ND	0.250	mg/kg							
Iodomethane	ND	0.250	mg/kg							
Acrolein	ND	0.250	mg/kg							
Methylene chloride	ND	0.500	mg/kg							
Acetone	ND	0.500	mg/kg							
trans-1,2-Dichloroethene	ND	0.025	mg/kg							
Methyl tert-butyl ether	ND	0.050	mg/kg							
1,1-Dichloroethane	ND	0.025	mg/kg							
Acrylonitrile	ND	0.050	mg/kg							
Vinyl acetate	ND	0.025	mg/kg							
cis-1,2-Dichloroethene	ND	0.025	mg/kg							
2,2-Dichloropropane	ND	0.025	mg/kg							
Bromochloromethane	ND	0.025	mg/kg							
Chloroform	ND	0.025	mg/kg							
Carbon tetrachloride	ND	0.050	mg/kg							
1,1,1-Trichloroethane	ND	0.025	mg/kg							
1,1-Dichloropropene	ND	0.025	mg/kg							
2-Butanone	ND	0.050	mg/kg							
Benzene	ND	0.025	mg/kg							
1,2-Dichloroethane	ND	0.025	mg/kg							
Trichloroethene	ND	0.025	mg/kg							
Dibromomethane	ND	0.025	mg/kg							
1,2-Dichloropropane	ND	0.025	mg/kg							
Bromodichloromethane	ND	0.025	mg/kg							
cis-1,3-Dichloropropene	ND	0.025	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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VOLATILES BY GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102321 - Volatiles

Blank (5102321-BLK1)

Prepared & Analyzed: 23-Oct-25

Toluene	ND	0.025	mg/kg							
4-Methyl-2-pentanone	ND	0.050	mg/kg							
Tetrachloroethene	ND	0.025	mg/kg							
trans-1,3-Dichloropropene	ND	0.025	mg/kg							
1,1,2-Trichloroethane	ND	0.025	mg/kg							
Dibromochloromethane	ND	0.025	mg/kg							
1,3-Dichloropropane	ND	0.025	mg/kg							
1,2-Dibromoethane	ND	0.025	mg/kg							
2-Hexanone	ND	0.050	mg/kg							
Chlorobenzene	ND	0.025	mg/kg							
Ethylbenzene	ND	0.025	mg/kg							
1,1,1,2-Tetrachloroethane	ND	0.025	mg/kg							
m+p - Xylene	ND	0.050	mg/kg							
Total Xylenes	ND	0.050	mg/kg							
o-Xylene	ND	0.025	mg/kg							
Bromoform	ND	0.025	mg/kg							
Styrene	ND	0.025	mg/kg							
Isopropylbenzene	ND	0.025	mg/kg							
Bromobenzene	ND	0.025	mg/kg							
n-Propylbenzene	ND	0.025	mg/kg							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/kg							
2-Chlorotoluene	ND	0.025	mg/kg							
1,2,3-trichloropropane	ND	0.025	mg/kg							
1,3,5-Trimethylbenzene	ND	0.025	mg/kg							
trans-1,4-Dichloro-2-butene	ND	0.250	mg/kg							
4-Chlorotoluene	ND	0.025	mg/kg							
tert-Butylbenzene	ND	0.025	mg/kg							
1,2,4-Trimethylbenzene	ND	0.025	mg/kg							
sec-Butylbenzene	ND	0.025	mg/kg							
p-Isopropyltoluene	ND	0.025	mg/kg							
1,3-Dichlorobenzene	ND	0.025	mg/kg							
1,4-Dichlorobenzene	ND	0.025	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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VOLATILES BY GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102321 - Volatiles

Blank (5102321-BLK1)

Prepared & Analyzed: 23-Oct-25

n-Butylbenzene	ND	0.025	mg/kg							
1,2-Dichlorobenzene	ND	0.025	mg/kg							
1,2-Dibromo-3-chloropropane	ND	0.250	mg/kg							
Hexachlorobutadiene	ND	0.025	mg/kg							
1,2,4-Trichlorobenzene	ND	0.025	mg/kg							
Naphthalene	ND	0.025	mg/kg							
1,2,3-Trichlorobenzene	ND	0.025	mg/kg							
1,4-Dioxane	ND	6.25	mg/kg							
Surrogate: Dibromofluoromethane	2.68		mg/kg	2.50		107	84.6-114			
Surrogate: Toluene-d8	2.53		mg/kg	2.50		101	90.4-109			
Surrogate: 4-Bromofluorobenzene	2.29		mg/kg	2.50		91.5	82.5-117			

LCS (5102321-BS1)

Prepared & Analyzed: 23-Oct-25

Dichlorodifluoromethane	0.582	0.025	mg/kg	0.500		116	38.7-147			
Chloromethane	0.418	0.050	mg/kg	0.500		83.6	54.2-142			
Vinyl chloride	0.562	0.025	mg/kg	0.500		112	61.6-133			
Bromomethane	0.325	0.025	mg/kg	0.500		65.0	55.1-143			
Chloroethane	0.216	0.250	mg/kg	0.500		43.2	36.9-159			
Trichlorofluoromethane	0.540	0.250	mg/kg	0.500		108	28.6-162			
1,1-Dichloroethene	0.511	0.250	mg/kg	0.500		102	53.9-149			
Carbon disulfide	0.906	0.250	mg/kg	1.00		90.6	53.6-147			
Iodomethane	1.06	0.250	mg/kg	1.00		106	63.5-135			
Acrolein	6.26	0.250	mg/kg	5.00		125	26.6-161			
Methylene chloride	0.527	0.500	mg/kg	0.500		105	49.3-163			
Acetone	0.988	0.500	mg/kg	1.00		98.8	39.1-168			
trans-1,2-Dichloroethene	0.594	0.025	mg/kg	0.500		119	65.2-133			
Methyl tert-butyl ether	1.01	0.050	mg/kg	1.00		101	57.7-137			
1,1-Dichloroethane	0.597	0.025	mg/kg	0.500		119	74.8-123			
Acrylonitrile	1.07	0.050	mg/kg	1.00		107	64.9-135			
Vinyl acetate	0.571	0.025	mg/kg	0.500		114	50.9-135			
cis-1,2-Dichloroethene	0.570	0.025	mg/kg	0.500		114	73.8-128			
2,2-Dichloropropane	0.627	0.025	mg/kg	0.500		125	62.9-136			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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VOLATILES BY GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102321 - Volatiles

LCS (5102321-BS1)

Prepared & Analyzed: 23-Oct-25

Bromochloromethane	0.514	0.025	mg/kg	0.500		103	70.7-123			
Chloroform	0.549	0.025	mg/kg	0.500		110	80.9-119			
Carbon tetrachloride	0.663	0.050	mg/kg	0.500		133	79.5-125			BS-3
1,1,1-Trichloroethane	0.654	0.025	mg/kg	0.500		131	80.7-121			BS-3
1,1-Dichloropropene	0.618	0.025	mg/kg	0.500		124	85.9-115			BS-3
2-Butanone	1.11	0.050	mg/kg	1.00		111	24.1-159			
Benzene	0.550	0.025	mg/kg	0.500		110	69.4-129			
1,2-Dichloroethane	0.526	0.025	mg/kg	0.500		105	72.5-123			
Trichloroethene	0.532	0.025	mg/kg	0.500		106	79.3-114			
Dibromomethane	0.552	0.025	mg/kg	0.500		110	77-118			
1,2-Dichloropropane	0.511	0.025	mg/kg	0.500		102	79.4-117			
Bromodichloromethane	0.590	0.025	mg/kg	0.500		118	80.3-119			
cis-1,3-Dichloropropene	0.609	0.025	mg/kg	0.500		122	82.5-122			
Toluene	0.559	0.025	mg/kg	0.500		112	68.1-127			
4-Methyl-2-pentanone	0.803	0.050	mg/kg	1.00		80.3	60.7-139			
Tetrachloroethene	0.609	0.025	mg/kg	0.500		122	74.2-128			
trans-1,3-Dichloropropene	0.540	0.025	mg/kg	0.500		108	84-123			
1,1,2-Trichloroethane	0.505	0.025	mg/kg	0.500		101	81.7-118			
Dibromochloromethane	0.571	0.025	mg/kg	0.500		114	83.1-124			
1,3-Dichloropropane	0.521	0.025	mg/kg	0.500		104	82.6-117			
1,2-Dibromoethane	0.521	0.025	mg/kg	0.500		104	84.9-116			
2-Hexanone	0.716	0.050	mg/kg	1.00		71.6	56.3-139			
Chlorobenzene	0.606	0.025	mg/kg	0.500		121	85.1-115			BS-3
Ethylbenzene	0.559	0.025	mg/kg	0.500		112	70.2-130			
1,1,1,2-Tetrachloroethane	0.578	0.025	mg/kg	0.500		116	82.4-120			
m+p - Xylene	1.13	0.050	mg/kg	1.00		113	71.9-133			
Total Xylenes	1.62	0.050	mg/kg	1.50		108	71.6-132			
o-Xylene	0.491	0.025	mg/kg	0.500		98.3	69.4-132			
Bromoform	0.570	0.025	mg/kg	0.500		114	71.1-141			
Styrene	0.509	0.025	mg/kg	0.500		102	71.7-128			
Isopropylbenzene	0.561	0.025	mg/kg	0.500		112	85-124			
Bromobenzene	0.549	0.025	mg/kg	0.500		110	83.5-115			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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VOLATILES BY GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102321 - Volatiles

LCS (5102321-BS1)

Prepared & Analyzed: 23-Oct-25

n-Propylbenzene	0.662	0.025	mg/kg	0.500		132	79.6-124			BS-3
1,1,2,2-Tetrachloroethane	0.437	0.025	mg/kg	0.500		87.4	76.5-121			
2-Chlorotoluene	0.613	0.025	mg/kg	0.500		123	80.2-121			BS-3
1,2,3-trichloropropane	0.427	0.025	mg/kg	0.500		85.4	44.7-168			
1,3,5-Trimethylbenzene	0.584	0.025	mg/kg	0.500		117	69-137			
trans-1,4-Dichloro-2-butene	1.05	0.250	mg/kg	1.00		105	9.3-235			
4-Chlorotoluene	0.547	0.025	mg/kg	0.500		109	82.2-125			
tert-Butylbenzene	0.571	0.025	mg/kg	0.500		114	78.8-128			
1,2,4-Trimethylbenzene	0.557	0.025	mg/kg	0.500		111	67.4-138			
sec-Butylbenzene	0.655	0.025	mg/kg	0.500		131	77.6-133			
p-Isopropyltoluene	0.616	0.025	mg/kg	0.500		123	79.8-131			
1,3-Dichlorobenzene	0.622	0.025	mg/kg	0.500		124	84.4-120			BS-3
1,4-Dichlorobenzene	0.568	0.025	mg/kg	0.500		114	81.7-118			
n-Butylbenzene	0.678	0.025	mg/kg	0.500		136	75.4-132			BS-3
1,2-Dichlorobenzene	0.577	0.025	mg/kg	0.500		115	82.5-119			
1,2-Dibromo-3-chloropropane	0.435	0.250	mg/kg	0.500		87.0	71.7-124			
Hexachlorobutadiene	0.895	0.025	mg/kg	0.500		179	78.9-148			BS-3
1,2,4-Trichlorobenzene	0.654	0.025	mg/kg	0.500		131	72.4-136			
Naphthalene	0.480	0.025	mg/kg	0.500		95.9	62.1-141			
1,2,3-Trichlorobenzene	0.783	0.025	mg/kg	0.500		157	76.1-134			BS-3
1,4-Dioxane	19.2	6.25	mg/kg	10.0		192	-34.6-193			
Surrogate: Dibromofluoromethane	2.69		mg/kg	2.50		107	84.6-114			
Surrogate: Toluene-d8	2.49		mg/kg	2.50		99.7	90.4-109			
Surrogate: 4-Bromofluorobenzene	2.51		mg/kg	2.50		100	82.5-117			

LCS Dup (5102321-BS1)

Prepared & Analyzed: 23-Oct-25

Dichlorodifluoromethane	0.479	0.025	mg/kg	0.500		95.9	38.7-147	19.3	41.1	
Chloromethane	0.363	0.050	mg/kg	0.500		72.6	54.2-142	14.0	22.8	
Vinyl chloride	0.461	0.025	mg/kg	0.500		92.2	61.6-133	19.8	27.7	
Bromomethane	0.302	0.025	mg/kg	0.500		60.4	55.1-143	7.46	23.5	
Chloroethane	0.237	0.250	mg/kg	0.500		47.4	36.9-159	9.38	27.5	
Trichlorofluoromethane	0.425	0.250	mg/kg	0.500		85.0	28.6-162	23.8	61.9	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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VOLATILES BY GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102321 - Volatiles

LCS Dup (5102321-BSD1)

Prepared & Analyzed: 23-Oct-25

1,1-Dichloroethene	0.400	0.250	mg/kg	0.500		79.9	53.9-149	24.5	26.1	
Carbon disulfide	0.655	0.250	mg/kg	1.00		65.5	53.6-147	32.1	25.9	QR-02
Iodomethane	0.847	0.250	mg/kg	1.00		84.7	63.5-135	22.3	19.7	QR-02
Acrolein	4.98	0.250	mg/kg	5.00		99.6	26.6-161	22.7	25.5	
Methylene chloride	0.446	0.500	mg/kg	0.500		89.2	49.3-163	16.7	45.3	
Acetone	0.860	0.500	mg/kg	1.00		86.0	39.1-168	13.8	171	
trans-1,2-Dichloroethene	0.473	0.025	mg/kg	0.500		94.6	65.2-133	22.7	22.7	
Methyl tert-butyl ether	0.928	0.050	mg/kg	1.00		92.8	57.7-137	8.91	31.5	
1,1-Dichloroethane	0.503	0.025	mg/kg	0.500		101	74.8-123	17.1	17.9	
Acrylonitrile	1.02	0.050	mg/kg	1.00		102	64.9-135	5.11	17	
Vinyl acetate	0.528	0.025	mg/kg	0.500		106	50.9-135	7.84	20.1	
cis-1,2-Dichloroethene	0.499	0.025	mg/kg	0.500		99.7	73.8-128	13.4	16.5	
2,2-Dichloropropane	0.540	0.025	mg/kg	0.500		108	62.9-136	14.8	20.4	
Bromochloromethane	0.448	0.025	mg/kg	0.500		89.6	70.7-123	13.7	19.5	
Chloroform	0.497	0.025	mg/kg	0.500		99.4	80.9-119	9.94	16.7	
Carbon tetrachloride	0.566	0.050	mg/kg	0.500		113	79.5-125	15.8	22.2	
1,1,1-Trichloroethane	0.549	0.025	mg/kg	0.500		110	80.7-121	17.5	22.1	
1,1-Dichloropropene	0.519	0.025	mg/kg	0.500		104	85.9-115	17.5	32.2	
2-Butanone	1.02	0.050	mg/kg	1.00		102	24.1-159	8.46	27.1	
Benzene	0.470	0.025	mg/kg	0.500		94.1	69.4-129	15.6	17.1	
1,2-Dichloroethane	0.464	0.025	mg/kg	0.500		92.8	72.5-123	12.5	16.4	
Trichloroethene	0.458	0.025	mg/kg	0.500		91.5	79.3-114	15.1	19.9	
Dibromomethane	0.480	0.025	mg/kg	0.500		95.9	77-118	14.0	17.2	
1,2-Dichloropropane	0.451	0.025	mg/kg	0.500		90.2	79.4-117	12.4	14.6	
Bromodichloromethane	0.496	0.025	mg/kg	0.500		99.1	80.3-119	17.5	16.3	QR-02
cis-1,3-Dichloropropene	0.526	0.025	mg/kg	0.500		105	82.5-122	14.6	11.8	QR-02
Toluene	0.472	0.025	mg/kg	0.500		94.3	68.1-127	17.0	18.3	
4-Methyl-2-pentanone	0.782	0.050	mg/kg	1.00		78.2	60.7-139	2.67	18.1	
Tetrachloroethene	0.493	0.025	mg/kg	0.500		98.5	74.2-128	21.1	41.8	
trans-1,3-Dichloropropene	0.477	0.025	mg/kg	0.500		95.4	84-123	12.4	15.3	
1,1,2-Trichloroethane	0.461	0.025	mg/kg	0.500		92.1	81.7-118	9.19	32.9	
Dibromochloromethane	0.499	0.025	mg/kg	0.500		99.7	83.1-124	13.6	12.9	QR-02

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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VOLATILES BY GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102321 - Volatiles

LCS Dup (5102321-BSD1)

Prepared & Analyzed: 23-Oct-25

1,3-Dichloropropane	0.478	0.025	mg/kg	0.500		95.6	82.6-117	8.60	13.1	
1,2-Dibromoethane	0.489	0.025	mg/kg	0.500		97.8	84.9-116	6.36	13.7	
2-Hexanone	0.716	0.050	mg/kg	1.00		71.6	56.3-139	0.0489	22.2	
Chlorobenzene	0.516	0.025	mg/kg	0.500		103	85.1-115	15.9	11.3	QR-02
Ethylbenzene	0.457	0.025	mg/kg	0.500		91.4	70.2-130	20.1	16.5	QR-02
1,1,1,2-Tetrachloroethane	0.513	0.025	mg/kg	0.500		103	82.4-120	12.0	10.8	QR-02
m+p - Xylene	0.907	0.050	mg/kg	1.00		90.7	71.9-133	21.5	19.1	QR-02
Total Xylenes	1.31	0.050	mg/kg	1.50		87.3	71.6-132	21.0	16.5	QR-02
o-Xylene	0.403	0.025	mg/kg	0.500		80.7	69.4-132	19.7	13.2	QR-02
Bromoform	0.506	0.025	mg/kg	0.500		101	71.1-141	11.8	12.9	
Styrene	0.420	0.025	mg/kg	0.500		84.0	71.7-128	19.2	11.5	QR-02
Isopropylbenzene	0.435	0.025	mg/kg	0.500		87.0	85-124	25.4	25.2	QR-02
Bromobenzene	0.485	0.025	mg/kg	0.500		97.0	83.5-115	12.4	14.6	
n-Propylbenzene	0.508	0.025	mg/kg	0.500		102	79.6-124	26.4	57.4	
1,1,2,2-Tetrachloroethane	0.432	0.025	mg/kg	0.500		86.5	76.5-121	1.06	14.4	
2-Chlorotoluene	0.504	0.025	mg/kg	0.500		101	80.2-121	19.5	26	
1,2,3-trichloropropane	0.440	0.025	mg/kg	0.500		87.9	44.7-168	2.88	30.1	
1,3,5-Trimethylbenzene	0.463	0.025	mg/kg	0.500		92.5	69-137	23.2	39.1	
trans-1,4-Dichloro-2-butene	0.833	0.250	mg/kg	1.00		83.3	9.3-235	22.9	162	
4-Chlorotoluene	0.461	0.025	mg/kg	0.500		92.1	82.2-125	17.1	29.2	
tert-Butylbenzene	0.455	0.025	mg/kg	0.500		91.0	78.8-128	22.6	30.4	
1,2,4-Trimethylbenzene	0.431	0.025	mg/kg	0.500		86.3	67.4-138	25.4	38.2	
sec-Butylbenzene	0.478	0.025	mg/kg	0.500		95.5	77.6-133	31.3	60.1	
p-Isopropyltoluene	0.439	0.025	mg/kg	0.500		87.8	79.8-131	33.6	67.5	
1,3-Dichlorobenzene	0.513	0.025	mg/kg	0.500		103	84.4-120	19.3	28.6	
1,4-Dichlorobenzene	0.487	0.025	mg/kg	0.500		97.5	81.7-118	15.3	28.8	
n-Butylbenzene	0.456	0.025	mg/kg	0.500		91.3	75.4-132	39.0	91.5	
1,2-Dichlorobenzene	0.498	0.025	mg/kg	0.500		99.7	82.5-119	14.6	15.8	
1,2-Dibromo-3-chloropropane	0.440	0.250	mg/kg	0.500		87.9	71.7-124	1.04	29.5	
Hexachlorobutadiene	0.623	0.025	mg/kg	0.500		125	78.9-148	35.8	105	
1,2,4-Trichlorobenzene	0.566	0.025	mg/kg	0.500		113	72.4-136	14.4	65.9	
Naphthalene	0.433	0.025	mg/kg	0.500		86.6	62.1-141	10.2	64	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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VOLATILES BY GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102321 - Volatiles

LCS Dup (5102321-BSD1)

Prepared & Analyzed: 23-Oct-25

1,2,3-Trichlorobenzene	0.594	0.025	mg/kg	0.500		119	76.1-134	27.3	65.2	
1,4-Dioxane	17.2	6.25	mg/kg	10.0		172	-34.6-193	11.1	72.3	
Surrogate: Dibromofluoromethane	2.63		mg/kg	2.50		105	84.6-114			
Surrogate: Toluene-d8	2.50		mg/kg	2.50		99.9	90.4-109			
Surrogate: 4-Bromofluorobenzene	2.43		mg/kg	2.50		97.1	82.5-117			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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Polynuclear Aromatic Compounds by GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102227 - SW-846 3550

Blank (5102227-BLK1)

Prepared & Analyzed: 23-Oct-25

Naphthalene	ND	0.040	mg/kg							
2-Methylnaphthalene	ND	0.040	mg/kg							
1-Methylnaphthalene	ND	0.040	mg/kg							
Acenaphthylene	ND	0.040	mg/kg							
Acenaphthene	ND	0.040	mg/kg							
Fluorene	ND	0.040	mg/kg							
Phenanthrene	ND	0.040	mg/kg							
Anthracene	ND	0.040	mg/kg							
Carbazole	ND	0.040	mg/kg							
Fluoranthene	ND	0.040	mg/kg							
Pyrene	ND	0.040	mg/kg							
Benzo[a]anthracene	ND	0.040	mg/kg							
Chrysene	ND	0.040	mg/kg							
Benzo[b]fluoranthene	ND	0.040	mg/kg							
Benzo[k]fluoranthene	ND	0.040	mg/kg							
Benzo[a]pyrene	ND	0.040	mg/kg							
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg							
Dibenz[a,h]anthracene	ND	0.040	mg/kg							
Benzo[g,h,i]perylene	ND	0.040	mg/kg							

<i>Surrogate: Nitrobenzene-d5</i>	<i>1.69</i>		mg/kg	<i>2.00</i>		<i>84.6</i>	<i>5.17-184</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1.46</i>		mg/kg	<i>2.00</i>		<i>73.2</i>	<i>7.39-192</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>1.87</i>		mg/kg	<i>2.00</i>		<i>93.4</i>	<i>27.5-139</i>			

LCS (5102227-BS1)

Prepared & Analyzed: 23-Oct-25

Naphthalene	0.343	0.040	mg/kg	0.400		85.8	46.9-122			
2-Methylnaphthalene	0.346	0.040	mg/kg	0.400		86.5	48.1-126			
1-Methylnaphthalene	0.367	0.040	mg/kg	0.400		91.8	47.6-126			
Acenaphthylene	0.331	0.040	mg/kg	0.400		82.9	50.2-124			
Acenaphthene	0.328	0.040	mg/kg	0.400		82.1	49.4-119			
Fluorene	0.336	0.040	mg/kg	0.400		84.0	50.1-126			
Phenanthrene	0.387	0.040	mg/kg	0.400		96.7	53.6-120			
Anthracene	0.367	0.040	mg/kg	0.400		91.7	51.9-120			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: HIGHWAY 128 RISER RELEASE
Project Number: 212C - MD - 03964
Project Manager: BRITTANY LONG
Fax To: (432) 682-3946

Reported:
28-Oct-25 15:04

Polynuclear Aromatic Compounds by GC/MS - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102227 - SW-846 3550**LCS (5102227-BS1)**

Prepared & Analyzed: 23-Oct-25

Carbazole	0.363	0.040	mg/kg	0.400		90.8	54-123			
Fluoranthene	0.390	0.040	mg/kg	0.400		97.4	54.9-126			
Pyrene	0.375	0.040	mg/kg	0.400		93.8	50.2-124			
Benzo[a]anthracene	0.382	0.040	mg/kg	0.400		95.5	49.9-123			
Chrysene	0.382	0.040	mg/kg	0.400		95.4	50.1-125			
Benzo[b]fluoranthene	0.358	0.040	mg/kg	0.400		89.5	52.1-125			
Benzo[k]fluoranthene	0.343	0.040	mg/kg	0.400		85.7	49.3-131			
Benzo[a]pyrene	0.346	0.040	mg/kg	0.400		86.6	52.9-126			
Indeno[1,2,3-cd]pyrene	0.371	0.040	mg/kg	0.400		92.8	50-132			
Dibenz[a,h]anthracene	0.343	0.040	mg/kg	0.400		85.9	51.7-129			
Benzo[g,h,i]perylene	0.322	0.040	mg/kg	0.400		80.5	50.7-130			
<i>Surrogate: Nitrobenzene-d5</i>	2.02		mg/kg	2.00		101	5.17-184			
<i>Surrogate: 2-Fluorobiphenyl</i>	1.67		mg/kg	2.00		83.3	7.39-192			
<i>Surrogate: Terphenyl-d14</i>	2.03		mg/kg	2.00		101	27.5-139			

LCS Dup (5102227-BSD1)

Prepared & Analyzed: 23-Oct-25

Naphthalene	0.351	0.040	mg/kg	0.400		87.8	46.9-122	2.33	4.56	
2-Methylnaphthalene	0.372	0.040	mg/kg	0.400		93.0	48.1-126	7.17	6.23	
1-Methylnaphthalene	0.355	0.040	mg/kg	0.400		88.7	47.6-126	3.46	6.22	
Acenaphthylene	0.334	0.040	mg/kg	0.400		83.6	50.2-124	0.913	5	
Acenaphthene	0.321	0.040	mg/kg	0.400		80.2	49.4-119	2.30	8.18	
Fluorene	0.326	0.040	mg/kg	0.400		81.5	50.1-126	3.07	5.49	
Phenanthrene	0.371	0.040	mg/kg	0.400		92.8	53.6-120	4.08	5.21	
Anthracene	0.351	0.040	mg/kg	0.400		87.8	51.9-120	4.33	3.68	
Carbazole	0.390	0.040	mg/kg	0.400		97.4	54-123	7.11	8.65	
Fluoranthene	0.377	0.040	mg/kg	0.400		94.2	54.9-126	3.34	7.54	
Pyrene	0.384	0.040	mg/kg	0.400		96.1	50.2-124	2.39	10.6	
Benzo[a]anthracene	0.372	0.040	mg/kg	0.400		93.1	49.9-123	2.53	9.01	
Chrysene	0.380	0.040	mg/kg	0.400		95.1	50.1-125	0.341	21.8	
Benzo[b]fluoranthene	0.355	0.040	mg/kg	0.400		88.7	52.1-125	0.859	7.63	
Benzo[k]fluoranthene	0.348	0.040	mg/kg	0.400		87.1	49.3-131	1.61	10.6	
Benzo[a]pyrene	0.342	0.040	mg/kg	0.400		85.6	52.9-126	1.12	4.92	

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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 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: HIGHWAY 128 RISER RELEASE Project Number: 212C - MD - 03964 Project Manager: BRITTANY LONG Fax To: (432) 682-3946	Reported: 28-Oct-25 15:04
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Polynuclear Aromatic Compounds by GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5102227 - SW-846 3550

LCS Dup (5102227-BSD1)

Prepared & Analyzed: 23-Oct-25

Indeno[1,2,3-cd]pyrene	0.382	0.040	mg/kg	0.400		95.5	50-132	2.86	22.3	
Dibenz[a,h]anthracene	0.343	0.040	mg/kg	0.400		85.7	51.7-129	0.163	11.6	
Benzo[g,h,i]perylene	0.350	0.040	mg/kg	0.400		87.6	50.7-130	8.45	12.5	
Surrogate: Nitrobenzene-d5	1.99		mg/kg	2.00		99.5	5.17-184			
Surrogate: 2-Fluorobiphenyl	1.60		mg/kg	2.00		80.0	7.39-192			
Surrogate: Terphenyl-d14	1.93		mg/kg	2.00		96.5	27.5-139			

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Notes and Definitions

- S-BN Base/Neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.
S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celest D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W. Wall Street, Ste. 100
Midland, Texas 79705
Tel (432) 882-4559
Fax (432) 882-3946

Client Name: EOG Site Manager: Brittany Long

Project Name: Highway 128 Riser Release (432) 741-5813 brittany.long@tetratech.com

Project Location: (county, state) Gilbertson County, TX *See CA Map* Project #: 212C-MD-03964

Invoice to: ATTN: Todd Wells

Receiving Laboratory: Cardinal Laboratories Sampler Signature: *[Signature]*

Comments: Include: Miguel Flores miguel.flores@tetratech.com

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD			# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)	
		YEAR: 2025	DATE	TIME	WATER	SOIL	HCL	HNO ₃			ICE	None
1	H-6 (0-1)		10/22/2025		X					X	X	
2	H-7 (0-1)		10/22/2025		X					X	X	
3	H-8 (0-1)		10/22/2025		X					X	X	
4	H-9 (0-1)		10/22/2025		X					X	X	
5	H-10 (0-1)		10/22/2025		X					X	X	
6	H-11 (0-1)		10/22/2025		X					X	X	
7	T-1 (0-1)		10/22/2025		X					X	X	
8	T-1 (1-2)		10/22/2025		X					X	X	
9	T-1 (2-3)		10/22/2025		X					X	X	
10	T-1 (3-4)		10/22/2025		X					X	X	

Reinquired by: *[Signature]* Date: *10/24/25* Time: *10:22:25*

Reinquired by: *[Signature]* Date: *10/22/2025* Time: *13:47*

Received by: *[Signature]* Date: *10/22/2025* Time: *10:22:25*

Received by: *[Signature]* Date: *10/22/2025* Time: *10:22:25*

1-8, 11-14 - 04024015

9-10 - 04093015

15, 16 - No Labels Not our Containers

ORIGINAL COPY

LAB USE ONLY

REMARKS:

RUSH: Same Day 24 hr 48 hr (72 hr)

Rush Charges Authorized

Special Report Limits or TRRP Report

Sample Temperature: *41.6/44.2*

CF-10-30

#140

added CL 4500 10-10/24/25

3-5 days

Analysis Request of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 862-4559
Fax (432) 862-3946

Client Name: EOG Site Manager: Brittany Long

Project Name: Highway 128 Riser Release

Project Location: Eubertson County, TX *Lee Co W/MS* Project #: (432) 741-5813 brittany.long@tetratech.com

Invoice to: ATTN: Todd Wells 212C-MD-03964

Receiving Laboratory: Cardinal Laboratories Sampler Signature: *[Signature]*

Comments: Include: Miguel Flores miguel.flores@tetratech.com

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
		YEAR: 2025	DATE	TIME	WATER	SOIL	HCL		
11	T-2 (0-1)		10/22/2025		X		X	2	
12	T-2 (1-2)		10/22/2025		X		X	2	
13	T-2 (2-3)		10/22/2025		X		X	2	
14	T-2 (3-4)		10/22/2025		X		X	2	
15	HA-1 (0-1)		10/22/2025		X		X	2	
16	HA-2 (0-1)		10/24/25		X		X	2	

LAB USE ONLY	REMARKS:
<input type="checkbox"/>	
<input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr	
<input type="checkbox"/> Rush Charges Authorized	
<input type="checkbox"/> Special Report Limits or TRRP Report	

- ANALYSIS REQUEST (Circle or Specify Method No.)**
- 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
 - Volatile 8260
 - GC/MS Semi. Vol. 8270C/625
 - PCB's 8082 / 608
 - NORM
 - PLM (Asbestos)
 - Chloride 300.0
 - Chloride Sulfate TDS
 - General Water Chemistry (see attached list)
 - Anion/Cation Balance

Hold

added CL 4570 10/22/25

ORIGINAL COPY

#15 + #16 - limited sample!

Sample!

(Circle) HAND DELIVERED FEDEX UPS Tracking #

35 B/day



APPENDIX F: PHOTOGRAPHIC DOCUMENTATION





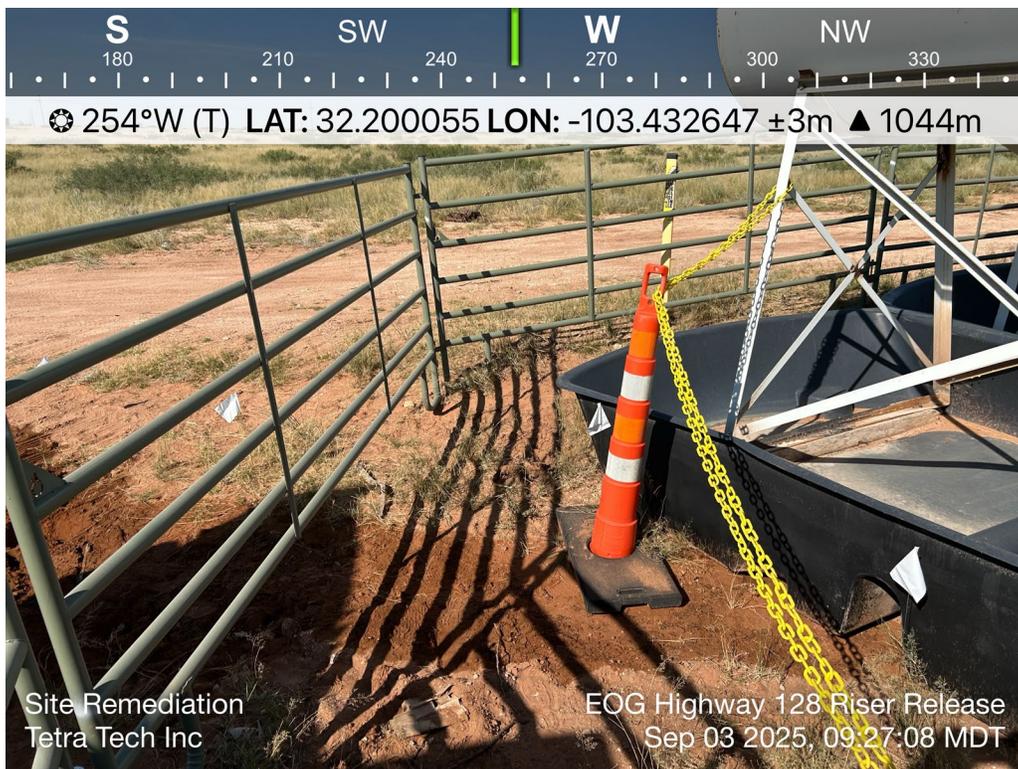
Tetra Tech Inc.	Description	View Southwest. View of HYW 128 Riser Spill Extend and liner, containment and fuel tank.	1
	Site Name	EOG Resources – HYW 128 Riser Release	9/03/2025



Tetra Tech Inc.	Description	View East. Overview on the infrastructure in place on top of spill extend.	2
	Site Name	EOG Resources – HYW 128 Riser Release	9/03/2025



Tetra Tech Inc.	Description	View Southwest. View of HYW 128 Riser Spill Extend and liner, containment and fuel tank.	3
	Site Name	EOG Resources – HYW 128 Riser Release	9/03/2025



Tetra Tech Inc.	Description	View East. View of Spill Extend on the infrastructure in place on top of spill extend.	4
	Site Name	EOG Resources – HYW 128 Riser Release	9/03/2025



Tetra Tech Inc.	Description	View Southwest. View of HYW 128 Riser Spill Extend and liner, containment and fuel tank.	5
	Site Name	EOG Resources – HYW 128 Riser Release	9/03/2025



Tetra Tech Inc.	Description	View East. View of Spill Extend on the infrastructure in place on top of spill extend.	6
	Site Name	EOG Resources – HYW 128 Riser Release	9/03/2025

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

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

QUESTIONS

Action 539116

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 539116
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2525936329
Incident Name	NAPP2525936329 HWY 128 RISER @ I-23-24S-34E
Incident Type	Release Other
Incident Status	Remediation Plan Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	HWY 128 RISER
Date Release Discovered	09/01/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Other Pump Diesel Released: 19 BBL Recovered: 0 BBL Lost: 19 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Cattle pulled the fuel line off the booster pump and outside of the containment.

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Action 539116

QUESTIONS (continued)

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QUESTIONS

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

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

Initial Response

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	na

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: 12/31/2025
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QUESTIONS, Page 3

Action 539116

QUESTIONS (continued)

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QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (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 ½ and 1 (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

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	32
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	33810
GRO+DRO (EPA SW-846 Method 8015M)	30900
BTEX (EPA SW-846 Method 8021B or 8260B)	113
Benzene (EPA SW-846 Method 8021B or 8260B)	1

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

On what estimated date will the remediation commence	01/26/2026
On what date will (or did) the final sampling or liner inspection occur	01/28/2026
On what date will (or was) the remediation complete(d)	01/30/2026
What is the estimated surface area (in square feet) that will be reclaimed	1887
What is the estimated volume (in cubic yards) that will be reclaimed	280
What is the estimated surface area (in square feet) that will be remediated	1887
What is the estimated volume (in cubic yards) that will be remediated	280

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 539116

QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fJEG1635837366 OWL LANDFILL JAL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	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.

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/31/2025
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 539116

QUESTIONS (continued)

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QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 539116

QUESTIONS (continued)

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QUESTIONS

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

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

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CONDITIONS

Action 539116

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CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved with the following conditions:	1/15/2026
scwells	1) As previously stated, per 19.15.29.11 A.(5)(e) NMAC (e) If a known release of other oil field related chemicals occurs that is not included in Table I of 19.15.29.12 NMAC, and does not include oil, gas, produced water or other fluids from the wellstream, the standards for remediation shall be as follows: (i) if the constituent appears on Table 1 of 40 C.F.R. 261.24(b), then that constituent shall be remediated according to 40 C.F.R. 261.24; (ii) if the constituent is not identified in Table 1 of 40 C.F.R. 261.24(b), but is identified in the New Mexico environment department's Risk Assessment Guidance for Site Investigations and Remediation Volumes I and II (assessment), the division will determine the appropriate Assessment Volume and remediation shall occur pursuant to the assessment. The division has determined the appropriate Assessment Volume and remediation shall occur pursuant to the assessment. Use of Table I closure criteria is not approved. This includes BTEX.	1/15/2026
scwells	2) Referring to Table C, the RRALs listed for the following constituents are incorrect and should be updated to Table A-1: NMED Soil Screening Levels Cw, DAF 20 RRALs: Benzo (a) anthracene and Methyl-tert butyl-ether.	1/15/2026
scwells	3) Excavation must continue past the proposed depths shown in Figure 4 if confirmation samples do not meet the applicable RRALs.	1/15/2026
scwells	4) Under the Site Characterization portion of the C-141 application to the question "What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A wetland," was answered, "Between 1/2 and 1 (mi.)." According to the National Wetlands Inventory Mapper, there is a wetland riverine located ~780 feet southeast.	1/15/2026
scwells	5) Under the Site Characterization portion of the C-141 application to the question "What is the minimum distance, between the closest lateral extents of the release and the following surface areas: Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)," was answered, "Between 1 and 5 (mi.)." According to the National Wetlands Inventory Mapper, there is a freshwater emergent wetland called Bob Tank located between 1/2 and 1 mile southeast of release. Both of these distances should be updated to reflect their correct minimum distance within the C-141 during application resubmission.	1/15/2026
scwells	Submit a remediation closure report to the OCD by 4/15/26.	1/15/2026