



March 25, 2026

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

**Re: Remediation Closure Report
 Maverick Permian, LLC
 MCA Unit #300 Release
 Unit Letter O, Section 28, Township 17 South, Range 32 East
 Lea County, New Mexico
 Incident ID: nAPP2521053965**

Dear Sir or Madam,

Tetra Tech, Inc. (Tetra Tech) was initially contracted by Maverick Permian, LLC (Maverick) to assess a release that occurred at the MCA Unit #300, Unit Letter O, Section 28, Township 17 South, Range 32 East, in Lea County, New Mexico (Site). The release occurred at coordinates 32.801300001°, -103.77089°, as shown in **Figure 1** and **Figure 2**.

BACKGROUND

According to the State of New Mexico C-141 Initial Report, the release was discovered on July 28, 2025. The release occurred due to corrosion of the MCA #300 flowline, resulting in the release of approximately 8 barrels (bbls) of produced water and 2 barrels of crude oil onto pastureland, of which none were recovered. The release notification was received by the New Mexico Oil Conservation District (NMOCD) and subsequently assigned the release Incident Identification (ID) nAPP2521053965. The release extent is shown in **Figure 3**.

SITE CHARACTERIZATION

Tetra Tech performed a Site characterization that included the identification of sensitive receptors, a depth to groundwater determination, and an assessment of site soils. Site Characterization data are summarized below and included in **Attachment 1**.

Site Characterization Summary

Shallowest Depth to Groundwater (feet bgs)	82 feet bgs
Method to determine depth to groundwater	NMOCD and USGS
Did this release impact groundwater or surface water	No
Distance to a continuously flowing watercourse	>5 Miles
Distance to any lakebed, sinkhole, or playa lake	1 to 5 Miles
Distance to any occupied permanent residence, school, hospital, institution, or church	>5 Miles
Distance to a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	>5 Miles

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Site Characterization Summary

Distance to any other freshwater well or spring	> 5 Miles
Distance to incorporated municipal boundaries or a defined municipal freshwater well field	> 5 Miles
Distance to a wetland	1000 feet to 0.5 Miles
Distance to a subsurface mine	> 5 Miles
Distance to an (non-karst) unstable area	> 5 Miles
Risk of the Site being in a karst geology	Low
Distance to a 100-year floodplain	> 5 Miles
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Receptors

Tetra Tech performed a site characterization for the release location. It did not identify any watercourses, sinkholes, playas, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains within the distances specified in 19.15.29.11 New Mexico Administrative Code (NMAC). Based on a review of the NMOCD Mapper, the site is in an area of low karst potential.

Soils

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), the Site is mapped as having Maljamar and Palomas fine sands, 0 to 3 percent slopes. These soil profiles are classified as a fine sand with a published typical profile of fine sand from the surface to 24 inches below ground surface (bgs), sandy clay loam from 16 to 60 inches bgs, and sandy loam from 60 to 66 inches bgs, with cemented material from 50 to 60 inches bgs.

Depth to Groundwater

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are numerous known water wells within ½-mile of the site. The nearest groundwater well is L12204, located approximately 457 ft north of the Site, with a documented depth to groundwater of 82 feet below ground surface (bgs). The site characterization data is included in **Attachment 1**.

REGULATORY FRAMEWORK

Based on the release footprint location and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data were used to determine recommended remedial action levels for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) and total Petroleum Hydrocarbons (TPH) in soil.

Based on the site characterization, established depth to groundwater, and in accordance with Table 1 of 19.15.29.12 NMAC, the remediation RRALs for the Site are as follows:

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Closure Criteria for Soils Impacted by a Release

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

Additionally, in accordance with the New Mexico Oil Conservation District (NMOCD) guidance *Procedures for Implementation of the Spill Rule (19.15.29 NMAC)* (September 6, 2019), the following reclamation requirements for surface soils (0-4 feet bgs) are as follows:

Reclamation Requirements

Constituent	Remediation RRAL
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

SITE ASSESSMENT ACTIVITIES

On behalf of Maverick, Tetra Tech mobilized to the Site on August 7, 2025, to conduct an initial delineation assessment to assess the extent of impacts at the Site. Tetra Tech advanced a total of five (5) vertical sample points (AS-1 through AS-5) as well as five (5) horizontal sample points (AS-6 through AS-10) were installed to characterize the impact of the release. Soil samples were collected in one (1) foot intervals ranging from depths of zero (0) to four (4) feet below ground surface (bgs) using a hand auger. The hand auger was decontaminated with Alconox and deionized water between sample points to prevent cross contamination. All soil samples were submitted and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, total petroleum hydrocarbons (TPH) by EPA method 8015B, and chloride by EPA method SM4500 by Eurofins Laboratory in Midland, Texas.

Analytical results indicated soil samples AS-1 through AS-5 exhibited TPH and/or chloride concentrations at varying depths, as well as AS-3 exhibiting elevated BTEX levels at depths of (0-1') ft and (3-4') ft bgs above RRAL requirements. Concentrations for all horizontal samples were below RRAL requirements. **Figure 3** depicts the release extent and soil assessment locations. **Table 1** presents soil assessment location coordinates and **Table 2** presents soil assessment sampling.

REMEDIATION AND CONFIRMATION SAMPLING

Excavation activities commenced on February 11, 2026, and concluded on February 19, 2026. Maverick's subcontractor, SDR Enterprises (SDR), used heavy equipment to excavate impacted soil from the remediation area to depths of 4, 5, 6, and 7 feet bgs. To avoid potential contact by heavy equipment with pressurized lines within the

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remediation area, heavy equipment was maintained at least 2 feet from pressurized lines where hydro-excavation and hand-digging were employed.

SDR excavated a total of 664 cubic yards of contaminated soil from an approximately 3,573-square-foot area and transported it to R360 for off-site disposal. Photographs of the final excavation are provided in **Attachment 2**.

Confirmation Sampling Notification

On February 5, 2026, Tetra Tech notified the NMOCD of the anticipated initial confirmation sampling through the submission of a C-141N Sampling Notification submission in the NMOCD Permitting portal under Incident ID nAPP2521053965. Sampling notification was conducted in accordance with 19.15.29.12(D)(1)(a) NMAC and the Energy, Minerals and Natural Resources Department (EMNRD) *Notice Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions* dated December 1, 2023. Sample notifications are available in the NMOCD Portal under Incident ID nAPP2521053965.

Confirmation Sampling

Upon reaching the excavation's final lateral and vertical excavation extents, Tetra Tech collected 27 final confirmation samples, including seventeen (17) five-point composite floor samples and ten (10) five-point composite side wall samples from the excavated areas. The remediation excavation confirmation sampling area comprised a sampling density of approximately one confirmation sample per 200 square feet and approximately one side wall sample per 50, 33, and 28 linear feet.

Samples were submitted to Eurofins Laboratory in Midland, Texas, to analyze BTEX, TPH, and chloride. Initial floor confirmation samples BH-6 and BH-8 at (4.0') reported TPH (GRO+DRO) at concentrations greater than the RRAL (1,000 mg/kg) and initial sidewall confirmation samples SW-9 and SW-10 reported TPH and/or chloride concentrations greater than the Reclamation Requirement (100 mg/kg). These locations were subsequently over-excavated laterally or vertically and re-sampled until laboratory results were reported at concentrations less than respective RRALs or Reclamation Requirements, as applicable. Laboratory analytical results for final confirmation samples reported concentrations of BTEX, TPH, and chloride as less than the RRALs and Reclamation Requirements, demonstrating clean margins. Confirmation sample laboratory analytical results screened against RRALs and Reclamation Requirements are summarized in **Table 3**, and laboratory analytical data packages, including chain of custody documentation and remediation confirmation sampling, are included in **Attachment 3**. Confirmation sampling locations and excavation extents are shown in **Figure 4**.

Excavation Backfill

After receiving confirmation sample results, SDR backfilled the excavated areas throughout pasturelands with approximately 672 cubic yards of clean topsoil. Photographic Documentation showing final grading after backfilling is provided in **Attachment 2**.

Reclamation and Revegetation

To restore the impacted surface areas to the condition that existed before the release, the excavated areas in the pasture have been backfilled with clean topsoil, and disturbed areas of impacted pastureland have been graded back to match the surrounding topography and the pre-existing conditions to provide erosion control, long-term stability, prevent ponding of water, and preserve surface water flow patterns.

Subsequent to restoring topography and contouring, the disturbed areas of the Site shown in Figure 3 were seeded with New Mexico State Land Office (NMSLO) Blow Sand (BS) Sites Seed Mixture in accordance with the Site soil profile detailed above in the Site Characterization Section, to aid in vegetation growth to complete reclamation.

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Seeding was conducted via broadcast at the application rates specified for broadcast application in pounds pure live seed per acre according to the NMSLO Seed Mix Blow Sand (BS) data sheet provided in **Attachment 4**.

CONCLUSION

Based on the results of the confirmation sampling, the remaining impacted soil within the release footprint with BTEX, chloride, and TPH concentrations above applicable Reclamation Requirements and/or RRALs has been removed and properly disposed of offsite and the excavated area has been backfilled with clean material, graded, and seeded with NMSLO approved seed mixture in pasture areas to aid in vegetation growth and complete reclamation. Therefore, Site remediation is complete. The seed mixture to be used is provided in **Attachment 4**. A Reclamation Report for the Site will be submitted to the NMOCD under separate cover containing the NMOCD required information upon reclamation at the end of Site service life. If you have any questions concerning the remediation activities for the Site, please contact Chris Straub by email at Chris.Straub@tetrattech.com or by phone at (737) 397-6243.

Sincerely,



Nick Hart
Project Manager
Tetra Tech, Inc.



Chris Straub
Program Manager
Tetra Tech, Inc.

cc: Bryce Wagoner, Maverick Permian, LLC
Bureau of Land Management

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LIST OF ATTACHMENTS

Figures

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment Map
- Figure 4 – Excavation Extents and Confirmation Sample Locations Map

Tables

- Table 1 – Boring Location Coordinates – Initial Site Assessment
- Table 2 – Summary of Analytical Results – Initial Site Assessment Sampling
- Table 3 – Summary of Analytical Results – Confirmation Sampling

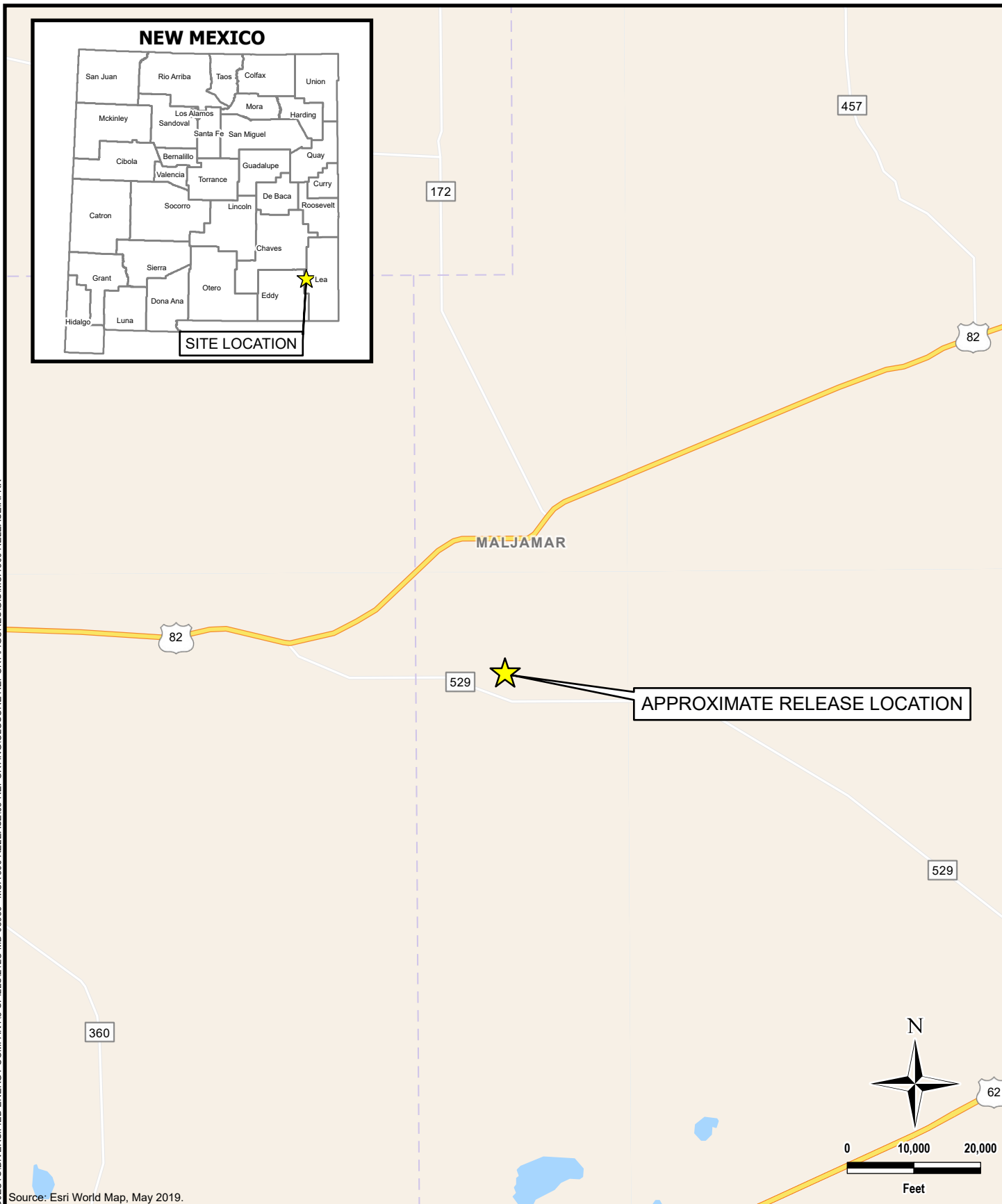
Attachments

- Attachment 1 – Site Characterization Data
- Attachment 2 – Photographic Documentation
- Attachment 3 – Laboratory Analytical Data
- Attachment 4 – Seed Mixture

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FIGURES



Source: Esri World Map, May 2019.

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OVERVIEW MAP
 nAPP2521053965
MCA UNIT #300 RELEASE
 (32.801300001°, -103.77089°)
 LEA COUNTY, NEW MEXICO

FIGURE NO. 1
PROJECT NO.: 212C-MD-03936
DATE: 3/18/2026
DESIGNED BY: ACP

DOCUMENT PATH: S:\NEW PROJECTS\DIVERSIFIED ENERGY COMPANY\3-SPILLS\212C-MD-03936 - MCA 300 RELEASE\05-REPORTING\CLOSURE REPORT\FIGURES\GIS\MCA 300 RELEASE APRX



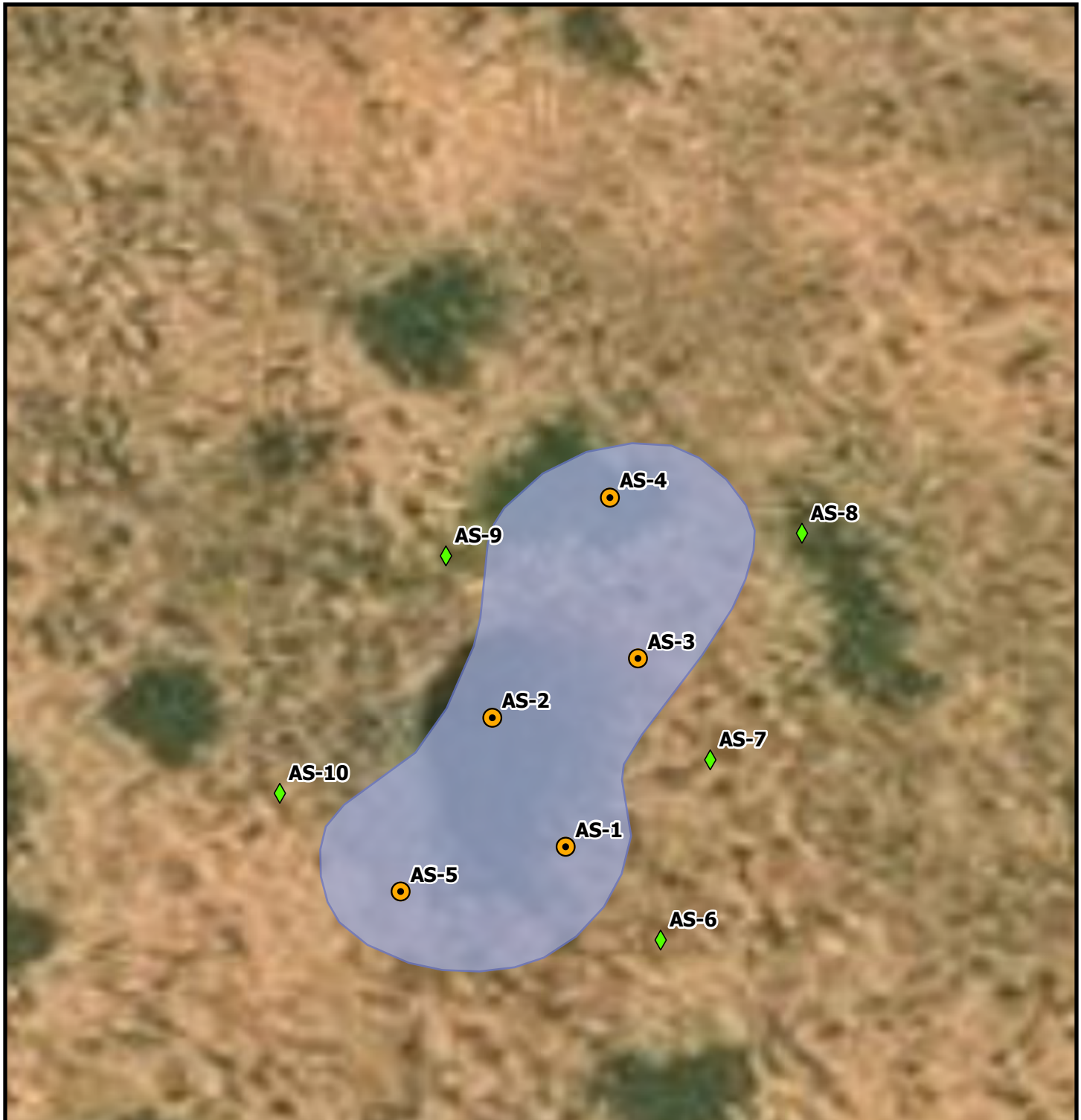
APPROXIMATE RELEASE LOCATION

Source: Esri World Map, May 2019.






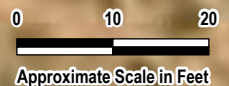
TOPOGRAPHIC MAP
 nAPP2521053965
MCA UNIT #300 RELEASE
 (32.801300001°, -103.77089°)
 LEA COUNTY, NEW MEXICO

FIGURE NO. 2
PROJECT NO.: 212C-MD-03936
DATE: 3/18/2026
DESIGNED BY: ACP



LEGEND

-  VERTICAL DELINEATION SAMPLE LOCATIONS
-  HORIZONTAL DELINEATION SAMPLE LOCATIONS
-  APPROXIMATE RELEASE EXTENT



Source: Esri World Map, May 2019.

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RELEASE EXTENT AND SITE ASSESSMENT MAP

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 (32.801300001°, -103.77089°)
 LEA COUNTY, NEW MEXICO

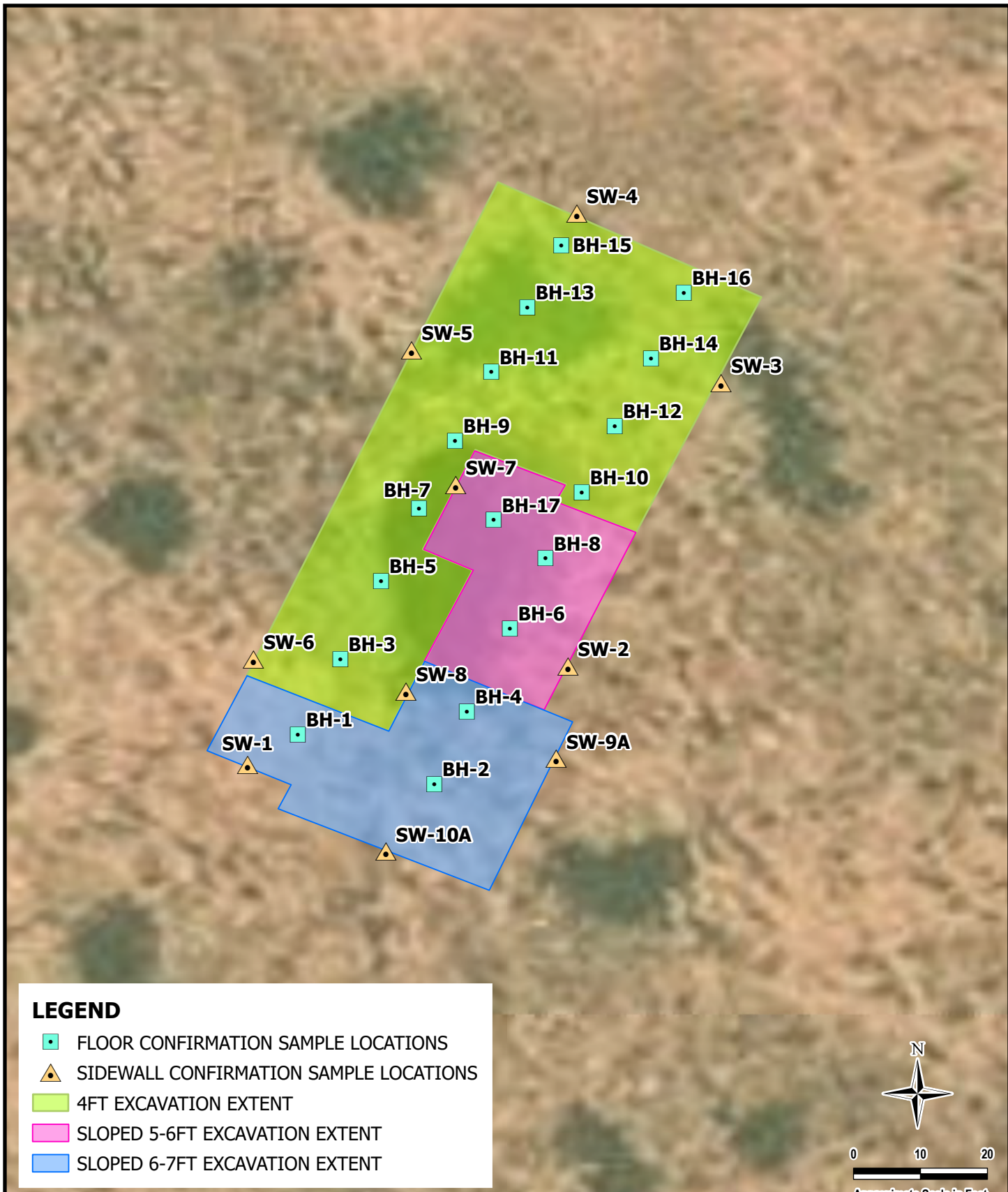
FIGURE NO.

3

PROJECT NO.: 212C-MD-03936

DATE: 3/18/2026

DESIGNED BY: ACP





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LEGEND

- FLOOR CONFIRMATION SAMPLE LOCATIONS
- ▲ SIDEWALL CONFIRMATION SAMPLE LOCATIONS
- 4FT EXCAVATION EXTENT
- SLOPED 5-6FT EXCAVATION EXTENT
- SLOPED 6-7FT EXCAVATION EXTENT

Source: Esri World Map, May 2019.



 	REMEDATION EXTENTS AND CONFIRMATION SAMPLING nAPP2521053965 MCA UNIT #300 RELEASE (32.801300001°, -103.77089°) LEA COUNTY, NEW MEXICO	FIGURE NO. 4
	PROJECT NO.: 212C-MD-03936 DATE: 3/18/2026 DESIGNED BY: ACP	

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TABLES



TABLE 1
SOIL ASSESSMENT LOCATIONS
INCIDENT ID NAPP2521053965
MAVERICK PERMIAN, LLC
MCA UNIT #300 RELEASE
LEA COUNTY, NEW MEXICO

Boring ID	Date	Latitude	Longitude
AS-1	8/7/2025	32.801265	-103.770908
AS-2	8/7/2025	32.801312	-103.770942
AS-3	8/7/2025	32.801350	-103.770867
AS-4	8/7/2025	32.801418	-103.770882
AS-5	8/7/2025	32.801218	-103.770953
AS-6	8/7/2025	32.801242	-103.770858
AS-7	8/7/2025	32.801311	-103.770839
AS-8	8/7/2025	32.801398	-103.770804
AS-9	8/7/2025	32.801369	-103.770947
AS-10	8/7/2025	32.801278	-103.771011



**TABLE 2
SUMMARY OF ANALYTICAL RESULTS
INITIAL ASSESSMENT SAMPLING - INCIDENT nAPP2521053965
MAVERICK PERMIAN, LLC
MCA UNIT #300 RELEASE
LEA COUNTY, NEW MEXICO**

Sample ID	Sample Date	Sample Depth feet bgs	Chloride ¹ mg/kg Q		BTEX ²								TPH ³								
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C ₆ - C ₁₀		DRO > C ₁₀ - C ₂₈		EXT DRO > C ₂₈ - C ₃₆		Total TPH (GRO+DRO+EXT DRO) mg/kg
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
RRALs (Table I 19.15.29.12 NMAC)			600		10							50						100			
AS - 1 (0-1')	8/7/2025	0.0 - 1.0	885		<0.101		3		4		13		20		<999		21,000		2,330		23,330
AS - 1 (3-4')	8/7/2025	3.0 - 4.0	1,090		<0.0202		1		2		5		7		<498		9,810		767		10,577
AS - 2 (0-1')	8/7/2025	0.0 - 1.0	1,830		0		0		1		8		10		<997		18,200		1,190		19,390
AS - 2 (3-4')	8/7/2025	3.0 - 4.0	155		<0.0198		0		0		0		0		<50.0		1,010		68		1,078
AS - 3 (0-1')	8/7/2025	0.0 - 1.0	5,410		2		11		12		37		62		<996		26100		1910		28,010
AS - 3 (3-4')	8/7/2025	3.0 - 4.0	5,220		2		15		14		41		73		<995		27,200		1,870		29,070
AS - 4 (0-1')	8/7/2025	0.0 - 1.0	3,940		0		2		3		8		13		<999		23700		1830		25,530
AS - 4 (3-4')	8/7/2025	3.0 - 4.0	1,920		<0.0200		1		2		5		8		758		18300		1160		20218
AS - 5 (0-1')	8/7/2025	0.0 - 1.0	<10.1		<0.0198		0		0		0		1		<50.0		<50.0		<50.0		-
AS - 5 (3-4')	8/7/2025	3.0 - 4.0	<10.0		<0.00200		<0.00200		0		<0.00399		0		<50.0		199		176		375
AS - 6 (0-1')	8/7/2025	0.0 - 1.0	<9.98		0		0		0		0		0		<50.0		<50.0		97		97
AS - 6 (3-4')	8/7/2025	3.0 - 4.0	<10.1		<0.00201		<0.00201		<0.00201		<0.00402		<0.00402		<49.9		<49.9		91		91
AS - 7 (0-1')	8/7/2025	0.0 - 1.0	<10.1		<0.00199		0		0		0		0		<49.8		<49.8		75.4		75
AS - 7 (3-4')	8/7/2025	3.0 - 4.0	<10.0		<0.00202		<0.00202		0		<0.00404		<0.00404		<50.0		<50.0		67		67
AS - 8 (0-1')	8/7/2025	0.0 - 1.0	<10.0		0		0		0		0		0		<49.8		<49.8		61.3		61
AS - 8 (3-4')	8/7/2025	3.0 - 4.0	<10.0		<0.00199		0		0		0		0		<49.9		<49.9		57.3		57.3
AS - 9 (0-1')	8/7/2025	0.0 - 1.0	11		<0.00200		0		0		0		0		<50.0		<50.0		50		50
AS - 9 (3-4')	8/7/2025	3.0 - 4.0	<10.1		<0.00200		<0.00200		<0.00200		<0.00400		<0.00400		<50.0		<50.0		<50.0		-
AS - 10 (0-1')	8/7/2025	0.0 - 1.0	<10.1		<0.00200		<0.00200		0		0		0		<50.0		<50.0		<50.0		-
AS - 10 (3-4')	8/7/2025	3.0 - 4.0	89		<0.00200		0		0		0		0		<50.1		<50.1		<50.1		-

NOTES:

bgs: Below ground surface
mg/kg: Milligrams per kilogram
TPH: Total Petroleum Hydrocarbons

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics

1: Method SM4500CI-B
2: Method 8021B
3: Method 8015M

Bold and highlighted values indicate exceedance of Table I 19.15.29.12 NMAC.
Highlighted values indicate vertical or lateral overexcavation and resampled areas.
Sample locations within an area requested for deferral.



**TABLE 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - INCIDENT nAPP2521053965
MAVERICK PERMIAN, LLC
MCA UNIT #300 RELEASE
LEA COUNTY, NEW MEXICO**

Sample ID	Sample Date	Sample Depth feet bgs	Chloride ¹ mg/kg Q		BTEX ²										TPH ³								
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C ₆ - C ₁₀		DRO > C ₁₀ - C ₂₈		EXT DRO > C ₂₈ - C ₃₆		TPH GRO+DRO		Total TPH (GRO+DRO+EXT DRO) mg/kg
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
RRALs (Table I 19.15.29.12 NMAC)			10,000		10								50						1,000	2,500			
BH-1 (6-7')	2/12/2026	6.0 - 7.0	124		<0.00200		<0.00200		<0.00200		<0.00399		<0.00399		<50.0		62		<50.0		62	62	
BH-2 (6-7')	2/12/2026	6.0 - 7.0	22		<0.00201		<0.00201		<0.00201		<0.00402		<0.00402		<49.6		<49.6		<49.6		-	-	
BH-3 (4')	2/12/2026	4.0	767		<0.00202		<0.00202		<0.00202		<0.00404		<0.00404		<50.0		655		<50.0		655	655	
BH-4 (6-7')	2/12/2026	6.0 - 7.0	25		<0.00200		<0.00200		<0.00200		<0.00401		<0.00401		<49.9		<49.9		<49.9		-	-	
BH-5 (4')	2/12/2026	4.0	873		<0.0202		0		0		1		2		<50.0		1,720		130			1,850	
BH-6 (4')	2/12/2026	4.0	747		<0.0199		0		0		0		1		<50.0		1,320		90		1320	1,410	
BH-6 (5')	2/17/2026	5.0	145		<0.00201		<0.00201		0		0		0		<49.9		874		55		874	929	
BH-7 (4')	2/12/2026	4.0	180		<0.00200		<0.00200		<0.00200		<0.00399		<0.00399		<50.0		67		60		66.7	127	
BH-8 (4')	2/12/2026	4.0	661		<0.0200		0		1		2		3		<50.1		1,190		66		1190	1,256	
BH-8 (5')	2/17/2026	5.0	156		<0.00202		<0.00202		0		0		0		<50.0		1,250		144		1250	1,394	
BH-8 (6')	2/19/2026	6.0	<10.1		<0.00200		<0.00200		<0.00200		<0.00400		<0.00400		<50.0		<50.0		<50.0		-	-	
BH 9 (4')	2/11/2026	4.0	15		<0.00200		<0.00200		<0.00200		<0.00400		<0.00400		<49.9		<49.9		<49.9		-	-	
BH 10 (4')	2/11/2026	4.0	11		<0.00201		<0.00201		<0.00201		<0.00402		<0.00402		<50.0		<50.0		<50.0		-	-	
BH 11 (4')	2/11/2026	4.0	<10.0		<0.00200		<0.00200		<0.00200		<0.00401		<0.00401		<49.8		<49.8		<49.8		-	-	
BH 12 (4')	2/11/2026	4.0	<10.1		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<49.9		<49.9		<49.9		-	-	
BH 13 (4')	2/11/2026	4.0	14		<0.00200		<0.00200		<0.00200		<0.00399		<0.00399		<50.0		<50.0		<50.0		-	-	
BH 14 (4')	2/11/2026	4.0	<9.98		<0.00201		<0.00201		<0.00201		<0.00402		<0.00402		<50.0		<50.0		<50.0		-	-	
BH 15 (4')	2/11/2026	4.0	11		<0.00202		<0.00202		<0.00202		<0.00404		<0.00404		<50.0		<50.0		<50.0		-	-	
BH 16 (4')	2/11/2026	4.0	<9.94		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<49.8		<49.8		<49.8		-	-	
BH 17 (5')	2/12/2026	5.0 - 7.0	513		<0.00201		<0.00201		<0.00201		0		0		<49.8		634		<49.8		634	634	
SW-1 (0-7')	2/12/2026	0.0 - 7.0	<9.98		<0.00202		<0.00202		<0.00202		<0.00404		<0.00404		<49.8		<49.8		<49.8		-	-	
SW-2 (0-4')	2/12/2026	0.0 - 6.0	<9.92		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<50.0		<50.0		<50.0		-	-	
SW 3 (0-4')	2/11/2026	0.0 - 4.0	<9.92		<0.00198		<0.00198		<0.00198		<0.00396		<0.00396		<49.9		<49.9		<49.9		-	-	
SW 4 (0-4')	2/11/2026	0.0 - 4.0	<9.90		<0.00200		<0.00200		<0.00200		<0.00399		<0.00399		<50.0		<50.0		<50.0		-	-	
SW 5 (0-4')	2/11/2026	0.0 - 4.0	10		<0.00201		<0.00201		<0.00201		<0.00402		<0.00402		<49.8		<49.8		<49.8		-	-	
SW 6 (0-4')	2/12/2026	0.0 - 4.0	12		<0.00198		<0.00198		<0.00198		<0.00396		<0.00396		<50.0		<50.0		<50.0		-	-	
SW 7 (4-5')	2/13/2026	4.0 - 6.0	346		<0.00200		<0.00200		0		<0.00399		0		<50.0		429		<50.0		429	429	
SW 8 (4-6')	2/13/2026	4.0 - 7.0	438		<0.00201		0		<0.00201		0		0		<49.8		619		<49.8		619	619	
SW 9 (0-7')	2/13/2026	0.0 - 7.0	542		<0.00202		<0.00202		<0.00202		<0.00404		<0.00404		<49.8		863		<49.8		863	863	
SW 9A (0-7')	2/17/2026	0.0 - 7.0	12		<0.00199		<0.00199		<0.00199		0		0		<50.0		<50.0		<50.0		-	-	
SW 10 (0-7')	2/13/2026	0.0 - 7.0	688		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<50.0		771		<50.0		771	771	
SW 10A (0-7')	2/17/2026	0.0 - 7.0	12		<0.00198		<0.00198		<0.00198		0		0		<50.1		<50.1		<50.1		-	-	

NOTES:

bgs: Below ground surface
mg/kg: Milligrams per kilogram
TPH: Total Petroleum Hydrocarbons

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics

1: Method SM4500CI-B
2: Method 8021B
3: Method 8015M

**Bold and highlighted values indicate exceedance of Table I 19.15.29.12 NMAC.
Highlighted values indicate vertical or lateral overexcavation and resampled areas.**

Remediation Closure Request
MCA Unit #300 Release
Incident ID# nAPP2521053965

Maverick Permian, LLC
March 25, 2026

ATTACHMENT 1 – SITE CHARACTERIZATION DATA

OCD Well Locations

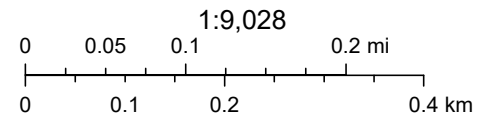


2/11/2026, 11:33:31 AM

● OSE Points of Diversion

Karst Occurrence Potential

Low

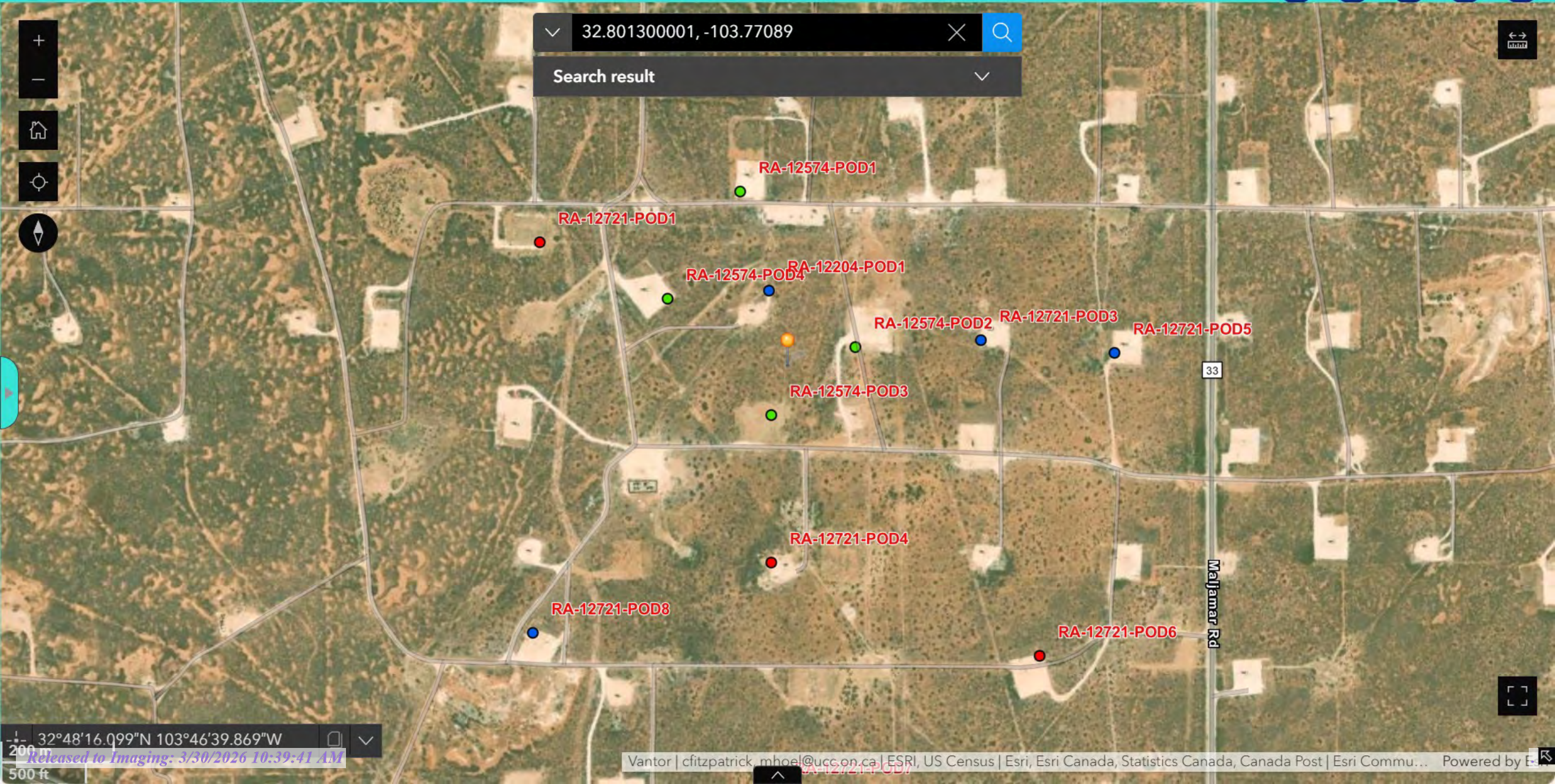


BLM, OCD, New Mexico Tech, Vantor, USGS, Esri, HERE, Garmin, IPC, NM OSE

Released to Imaging: 3/30/2026 10:39:41 AM

32.801300001, -103.77089

Search result



RA-12574-POD1

RA-12721-POD1

RA-12574-POD4

RA-12204-POD1

RA-12574-POD2

RA-12721-POD3

RA-12721-POD5

RA-12574-POD3

RA-12721-POD4

RA-12721-POD8

RA-12721-POD6

Maljamar Rd

33

32°48'16.099"N 103°46'39.869"W

Released to Imaging: 3/30/2026 10:39:41 AM

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
RA 12204	POD1	SW	NW	SE	28	17S	32E	615046.8	3630063.0	

* UTM location was derived from PLSS - see Help

Driller License:	1456	Driller Company:	WHITE DRILLING COMPANY
Driller Name:	WHITE, JOHNNOWN.GUL W.		
Drill Start Date:	2015-01-06	Drill Finish Date:	2015-01-06
Log File Date:	2015-01-28	PCW Rcv Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:	2.00	Depth Well:	100
		Depth Water:	82

Casing Perforations:

Top	Bottom
80	100

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/11/26 10:17 AM MST

Point of Diversion Summary

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WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
SOSWELL, NEW MEXICO

2015 JAN 29 AM 11:04

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) MW-1				OSE FILE NUMBER(S) L-13546 RA-12204									
	WELL OWNER NAME(S) Conoco Phillips				PHONE (OPTIONAL)									
	WELL OWNER MAILING ADDRESS HC 60, Box 66				CITY Lovington		STATE NM		ZIP 88260					
	WELL LOCATION (FROM GPS)		DEGREES LATITUDE 32		MINUTES 48		SECONDS 09.07		N					
		LONGITUDE 103		46		16.37		W						
* ACCURACY REQUIRED: ONE TENTH OF A SECOND														
* DATUM REQUIRED: WGS 84														
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE MCA Well #357														
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1456		NAME OF LICENSED DRILLER John W. White				NAME OF WELL DRILLING COMPANY White Drilling Company, Inc.							
	DRILLING STARTED 01-06-2015		DRILLING ENDED 01-06-2015		DEPTH OF COMPLETED WELL (FT) 100.0		BORE HOLE DEPTH (FT)		DEPTH WATER FIRST ENCOUNTERED (FT) 82.08					
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)								STATIC WATER LEVEL IN COMPLETED WELL (FT) 82.08					
	DRILLING FLUID: <input checked="" type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:													
	DRILLING METHOD: <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:													
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)		CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE		CASING INSIDE DIAM. (inches)		CASING WALL THICKNESS (inches)		SLOT SIZE (inches)	
	FROM	TO												
	0.0	80.0	6.0		Sch. 40 PVC		Threads		2.0		1/4"			
	80.0	100.0	6.0		Sch. 40 PVC		Threads		2.0		1/4"		0.10	
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)		LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL				AMOUNT (cubic feet)		METHOD OF PLACEMENT			
	FROM	TO												
	75.0	100.0	6.0		20/40 Sand				10/Sacks		Hand Mix			
	75.0	15.0	6.0		Bentonite Chips				15/Sacks		Hand Mix			
	15.0	0.0	6.0		Type 2 Portland Cement w/5% Bentonite				2.9445		Pump Mix w/Trem			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	L-13546 RA-12204	POD NUMBER		TRN NUMBER	543306
LOCATION				Mon-	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	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				
	0.0	4.0	4.0	Reddish brown sand/clayey sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	4.0	6.0	2.0	Brown sand w/clayey sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	6.0	8.0	2.0	Brown sand w/caliche	<input type="radio"/> Y <input checked="" type="radio"/> N	
	8.0	10.0	2.0	Reddish brown sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	10.0	12.5	2.5	Brown sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	12.5	16.0	3.5	Reddish sand/sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	16.0	22.0	6.0	Brown sand/sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	22.0	28.0	6.0	Reddish sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	28.0	34.0	6.0	Light brown sand/sandstone w/gravel	<input type="radio"/> Y <input type="radio"/> N	
	34.0	36.0	2.0	Conglomerated sandstone w/gravel	<input type="radio"/> Y <input type="radio"/> N	
	36.0	57.0	21.0	Reddish sand/sandstone	<input type="radio"/> Y <input type="radio"/> N	
	57.0	65.0	8.0	Light brown sand/sandstone	<input type="radio"/> Y <input type="radio"/> N	
	65.0	78.0	13.0	Greenish brown sand/sandstone	<input type="radio"/> Y <input type="radio"/> N	
	78.0	98.0	20.0	Damp greenish sand/sandstone	<input type="radio"/> Y <input type="radio"/> N	
	98.0	99.0	1.0	Gray sandy shale	<input type="radio"/> Y <input type="radio"/> N	
	99.0	100.0	1.0	Reddish brown shale	<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP					TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> 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: William B. Atkins	

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 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	6-13546	POD NUMBER	1	TRN NUMBER	543306	PAGE 2 OF 2
LOCATION	305-385-34-3-4-4					

Mon -

Abeita, Paula, OSE

From: Alvarado, Alvaro, OSE
Sent: Friday, August 14, 2015 2:33 PM
To: Abeita, Paula, OSE
Subject: RE: L-13546 WR

Its only a difference of 50 feet between those two GPS locations, I would say that is the well, but will call the driller or Conoco to verify.

From: Abeita, Paula, OSE
Sent: Friday, August 14, 2015 2:30 PM
To: Alvarado, Alvaro, OSE
Subject: RE: L-13546 WR

The Lat/Log do not match what's on the permit.

From: Alvarado, Alvaro, OSE
Sent: Friday, August 14, 2015 2:26 PM
To: Abeita, Paula, OSE
Subject: RE: L-13546 WR

Hey from the GPS, the location is 17 S., 32 E., Sec 28, I looked in waters and RA-12204 has that location and GPS on the permit for Conoco Phillips, I think that it goes with that permit.

From: Abeita, Paula, OSE
Sent: Friday, August 14, 2015 2:25 PM
To: Alvarado, Alvaro, OSE
Subject: RE: L-13546 WR

Thank you

From: Alvarado, Alvaro, OSE
Sent: Friday, August 14, 2015 2:22 PM
To: Abeita, Paula, OSE
Subject: RE: L-13546 WR

Well they seem to be for different wells, the locations are 40 miles apart. Well have to send a letter to Conoco Phillips and see what well the new well so for.

From: Abeita, Paula, OSE
Sent: Thursday, August 13, 2015 4:17 PM
To: Alvarado, Alvaro, OSE
Subject: L-13546 WR

Good afternoon Alvaro,

I received a well record for L-13546. When I look in WATERS a well record was already imaged. Is there another exploratory or permit associated with this file number? Please let me know what you think.

Thanks,

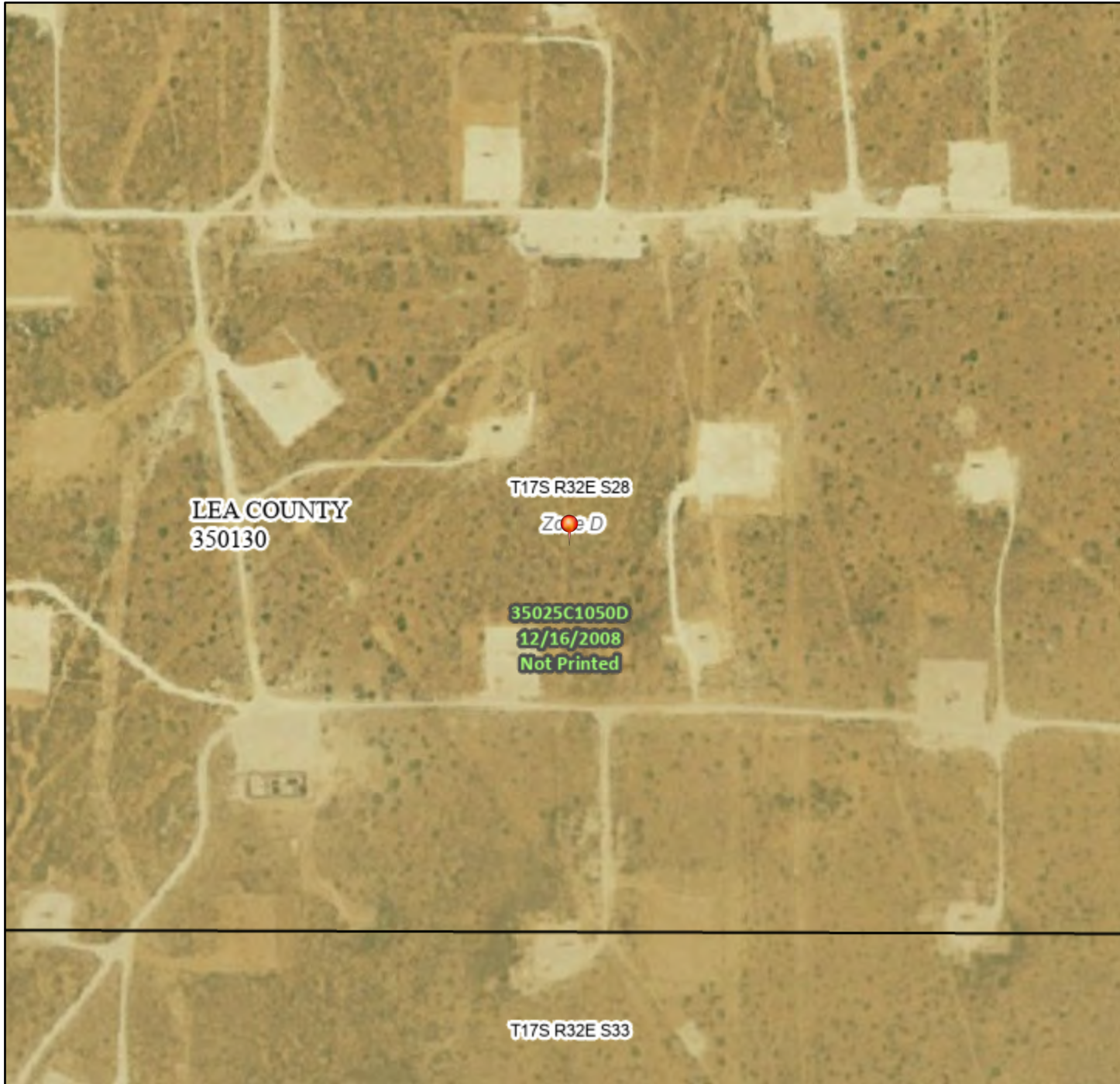
Paula M. Abeita

Office of the State Engineer
5550 San Antonio Dr. NE
Albuquerque, NM 87109-4127
(505)383-4115

National Flood Hazard Layer FIRMMette



103°46'34"W 32°48'20"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		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 Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		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 **2/11/2026 at 5:26 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: 3/30/2026 10:39:41 AM

0 250 500 1,500 2,000 Feet

1:6,000

103°45'56"W 32°47'50"N

Basemap Imagery Source: USGS National Map 2023

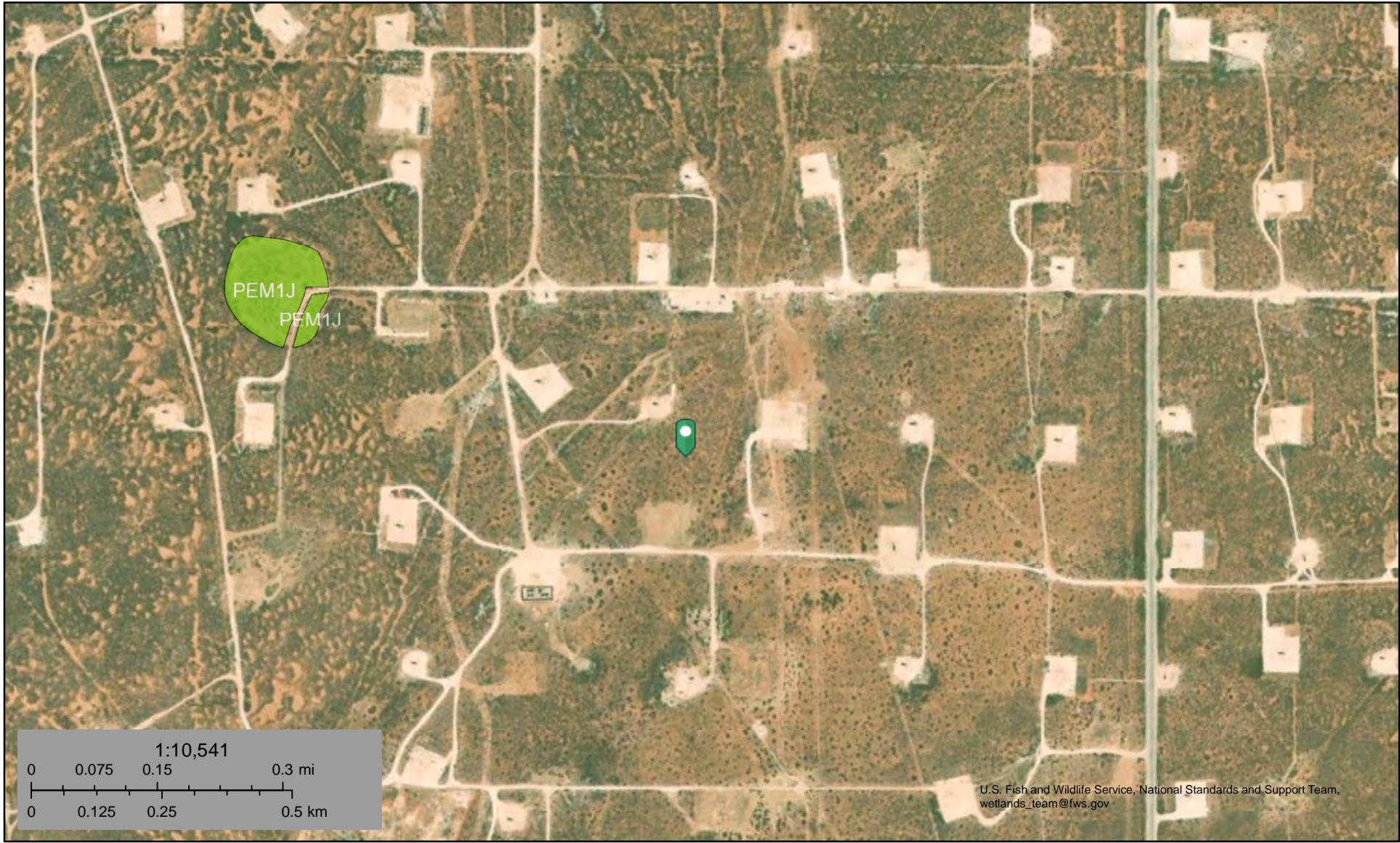
Legend Basemap 1:18,056

- Restoration Projects
- Impaired Waters 2024 IR FINAL
- Assessed Waters 2024 IR FINAL
- National Hydrography Dataset
- National Hydrography Dataset
 -
- Points
 - Gaging Station
 - Rapids
 - Spring/Seep
 - Waterfall
 - Well
- Lines
 - Perennial Stream
 - Intermittent Stream
 - Ephemeral Stream
 - Canal/Ditch
 - Pipeline
 - Artificial Path
 - Connector
 - Underground Conduit
- Waterbodies
 - Perennial Lake
 - Intermittent Lake
 - Reservoir
 - Playa
 - Wetland
- Areas
 - Perennial Stream
 - Intermittent Stream





MCA 300 Release



February 11, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Lea County, New Mexico

MF—Maljamar and Palomas fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmqb

Landscape: Uplands

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Maljamar and similar soils: 46 percent

Palomas and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Maljamar

Setting

Landscape: Uplands

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand

Bt - 24 to 50 inches: sandy clay loam

Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 40 to 60 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Interpretive groups

Land capability classification (irrigated): 7e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Palomas

Setting

Landscape: Uplands
Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 45 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.5
inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 5 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Wink

Percent of map unit: 5 percent

Ecological site: R070BD003NM - Loamy Sand

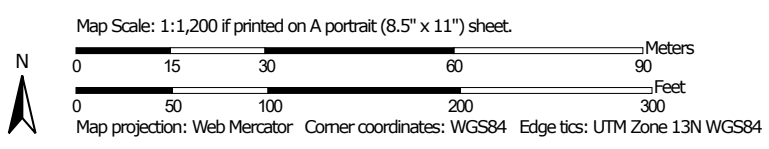
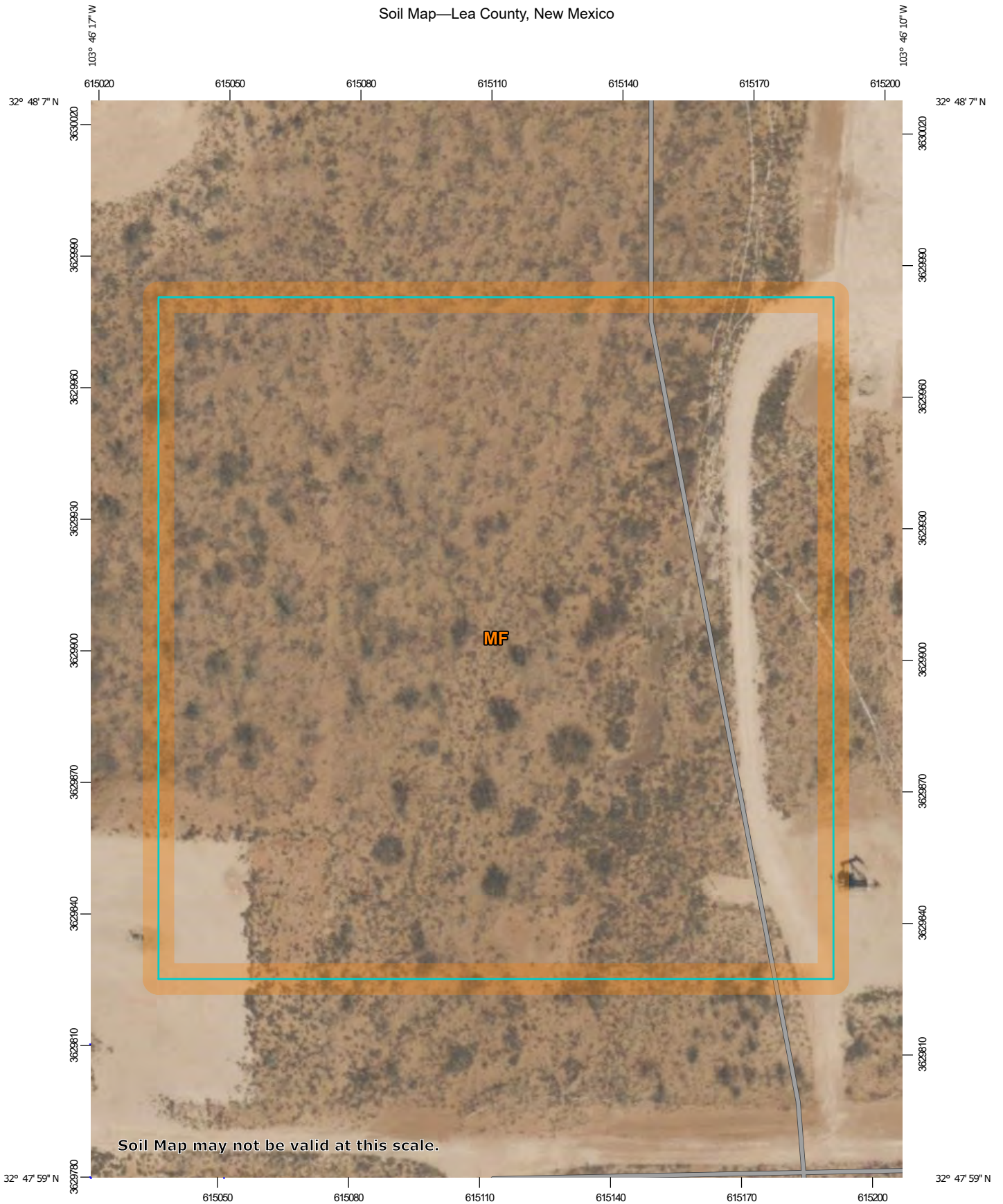
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 22, Sep 9, 2025


Soil Map—Lea County, New Mexico



Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features





-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 22, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Lea County, New Mexico

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MF	Maljamar and Palomas fine sands, 0 to 3 percent slopes	6.0	100.0%
Totals for Area of Interest		6.0	100.0%

Remediation Closure Request
MCA Unit #300 Release
Incident ID# nAPP2521053965

Maverick Permian, LLC
March 25, 2026

ATTACHMENT 2 – PHOTOGRAPHIC DOCUMENTATION



☀ 19°N (T) LAT: 32.801215 LON: -103.770970 ±3m ▲ 1205m



Site Remediation
Tetra Tech

Diversified- MCA 300
Feb 16 2026, 08:59:14 MST

SW

W

NW

N

210

240

270

300

330

0

☉ 282°W (T) LAT: 32.801239 LON: -103.770913 ±3m ▲ 1203m



Site Remediation
Tetra Tech

Diversified- MCA 300
Feb 16 2026, 09:01:31 MST



☀ 19°N (T) LAT: 32.801247 LON: -103.770924 ±3m ▲ 1204m



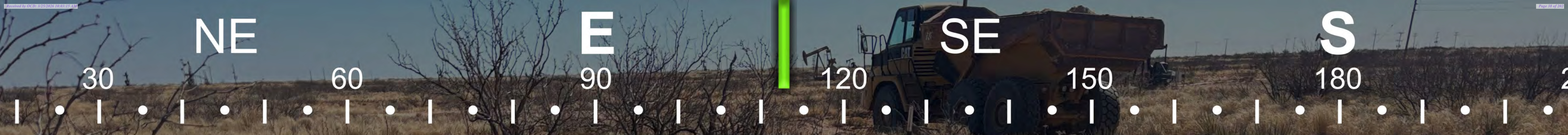
Site Remediation
Tetra Tech

Diversified- MCA 300
Feb 16 2026, 09:03:35 MST



☉ 3°N (T) LAT: 32.801317 LON: -103.770865 ±13ft ▲ 3958ft





☉ 113°SE (T) LAT: 32.801413 LON: -103.770920 ±13ft ▲ 3962ft



Diversified

MCA 300
19 Feb 2026, 10:39:26



☉ 132°SE (T) LAT: 32.801345 LON: -103.770964 ±9ft ▲ 3962ft





☉ 138°SE (T) LAT: 32.801257 LON: -103.771019 ±9ft ▲ 3957ft



Diversified

MCA 300
19 Feb 2026, 10:40:14

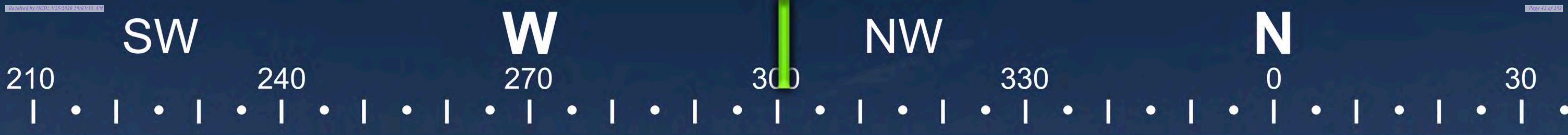


☀ 12°N (T) LAT: 32.801217 LON: -103.770952 ±9ft ▲ 3958ft



Diversified

MCA 300
19 Feb 2026, 10:40:34

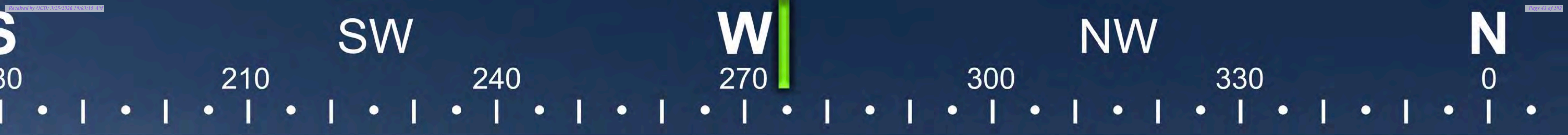


☀ 301°NW (T) LAT: 32.801282 LON: -103.770862 ±4m ▲ 1204m



Site Remediation
Tetra Tech

Diversified- MCA 300
Mar 02 2026, 12:15:03 MST



☉ 275°W (T) LAT: 32.801217 LON: -103.770931 ±4m ▲ 1206m



Site Remediation
Tetra Tech

Diversified- MCA 300
Mar 02 2026, 12:15:24 MST

E

90

SE

120

150



S

180

SW

210

240

☉ 172°S (T) LAT: 32.801394 LON: -103.770923 ±5m ▲ 1207m



Site Remediation
Tetra Tech

Diversified- MCA 300
Mar 02 2026, 12:16:11 MST

Remediation Closure Request
MCA Unit #300 Release
Incident ID# nAPP2521053965

Maverick Permian, LLC
March 25, 2026

ATTACHMENT 3 – LABORATORY ANALYTICAL DATA



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chris Straub
 Tetra Tech Inc
 901 W Wall
 Ste 100
 Midland, Texas 79701

Generated 8/12/2025 9:43:42 AM

JOB DESCRIPTION

MCA 300 FLOWLINE
 LEA

JOB NUMBER

890-8597-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
8/12/2025 9:43:42 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Laboratory Job ID: 890-8597-1
SDG: LEA

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Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Tetra Tech Inc
Project: MCA 300 FLOWLINE

Job ID: 890-8597-1

Job ID: 890-8597-1

Eurofins Carlsbad

Job Narrative 890-8597-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/7/2025 4:11 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-116191 and 880-116192 and analytical batch 880-116181 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: AS - 3 (0-1') (890-8597-5), AS - 3 (3-4') (890-8597-6), (890-8587-A-1-C), (890-8587-A-1-A MS), (890-8587-A-1-B MSD) and (880-60972-A-17 MDLV). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116191 and analytical batch 880-116181 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The laboratory control sample (LCS) associated with analytical batch 880-116181 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: AS - 1 (0-1') (890-8597-1), AS - 1 (3-4') (890-8597-2), AS - 2 (0-1') (890-8597-3), AS - 2 (3-4') (890-8597-4), AS - 3 (0-1') (890-8597-5), AS - 3 (3-4') (890-8597-6), AS - 4 (0-1') (890-8597-7), AS - 4 (3-4') (890-8597-8) and AS - 5 (0-1') (890-8597-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: AS - 1 (0-1') (890-8597-1), AS - 3 (0-1') (890-8597-5) and AS - 3 (3-4') (890-8597-6). Elevated reporting limits (RLs) are provided.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: AS - 1 (3-4') (890-8597-2), AS - 2 (3-4') (890-8597-4), AS - 4 (3-4') (890-8597-8) and AS - 5 (0-1') (890-8597-9). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: AS - 2 (3-4') (890-8597-4), (LCS 880-116228/2-A) and (LCSD 880-116228/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116228 and analytical batch 880-116377 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: AS - 1 (0-1') (890-8597-1), AS - 1 (3-4') (890-8597-2), AS - 2 (0-1') (890-8597-3), AS - 3 (0-1') (890-8597-5), AS - 3 (3-4') (890-8597-6), AS - 4 (0-1') (890-8597-7)

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Case Narrative

Client: Tetra Tech Inc
Project: MCA 300 FLOWLINE

Job ID: 890-8597-1

Job ID: 890-8597-1 (Continued)

Eurofins Carlsbad

and AS - 4 (3-4') (890-8597-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 1 (0-1')

Lab Sample ID: 890-8597-1

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		08/08/25 17:00	08/09/25 18:54	50
Toluene	2.77		0.101		mg/Kg		08/08/25 17:00	08/09/25 18:54	50
Ethylbenzene	4.15		0.101		mg/Kg		08/08/25 17:00	08/09/25 18:54	50
m-Xylene & p-Xylene	8.87		0.202		mg/Kg		08/08/25 17:00	08/09/25 18:54	50
o-Xylene	3.71		0.101		mg/Kg		08/08/25 17:00	08/09/25 18:54	50
Xylenes, Total	12.6		0.202		mg/Kg		08/08/25 17:00	08/09/25 18:54	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	08/08/25 17:00	08/09/25 18:54	50
1,4-Difluorobenzene (Surr)	73		70 - 130	08/08/25 17:00	08/09/25 18:54	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	19.5		0.202		mg/Kg			08/09/25 18:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23300		999		mg/Kg			08/11/25 14:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<999	U	999		mg/Kg		08/08/25 11:11	08/11/25 14:50	20
Diesel Range Organics (Over C10-C28)	21000		999		mg/Kg		08/08/25 11:11	08/11/25 14:50	20
Oil Range Organics (Over C28-C36)	2330		999		mg/Kg		08/08/25 11:11	08/11/25 14:50	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	165	S1+	70 - 130	08/08/25 11:11	08/11/25 14:50	20
o-Terphenyl	549	S1+	70 - 130	08/08/25 11:11	08/11/25 14:50	20

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	885		10.0		mg/Kg			08/08/25 23:06	1

Client Sample ID: AS - 1 (3-4')

Lab Sample ID: 890-8597-2

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0202	U	0.0202		mg/Kg		08/08/25 10:07	08/08/25 12:52	10
Toluene	0.666		0.0202		mg/Kg		08/08/25 10:07	08/08/25 12:52	10
Ethylbenzene	1.95		0.0202		mg/Kg		08/08/25 10:07	08/08/25 12:52	10
m-Xylene & p-Xylene	2.99		0.0404		mg/Kg		08/08/25 10:07	08/08/25 12:52	10
o-Xylene	1.63		0.0202		mg/Kg		08/08/25 10:07	08/08/25 12:52	10
Xylenes, Total	4.62		0.0404		mg/Kg		08/08/25 10:07	08/08/25 12:52	10

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 1 (3-4')

Lab Sample ID: 890-8597-2

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	232	S1+	70 - 130	08/08/25 10:07	08/08/25 12:52	10
1,4-Difluorobenzene (Surr)	82		70 - 130	08/08/25 10:07	08/08/25 12:52	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.24		0.0404		mg/Kg			08/08/25 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10600		498		mg/Kg			08/11/25 15:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<498	U	498		mg/Kg		08/08/25 11:11	08/11/25 15:05	10
Diesel Range Organics (Over C10-C28)	9810		498		mg/Kg		08/08/25 11:11	08/11/25 15:05	10
Oil Range Organics (Over C28-C36)	767		498		mg/Kg		08/08/25 11:11	08/11/25 15:05	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130	08/08/25 11:11	08/11/25 15:05	10
o-Terphenyl	343	S1+	70 - 130	08/08/25 11:11	08/11/25 15:05	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		50.5		mg/Kg			08/11/25 09:57	5

Client Sample ID: AS - 2 (0-1')

Lab Sample ID: 890-8597-3

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0242		0.0199		mg/Kg		08/08/25 10:07	08/08/25 13:13	10
Toluene	0.490		0.0199		mg/Kg		08/08/25 10:07	08/08/25 13:13	10
Ethylbenzene	0.717		0.0199		mg/Kg		08/08/25 10:07	08/08/25 13:13	10
m-Xylene & p-Xylene	5.48		0.0398		mg/Kg		08/08/25 10:07	08/08/25 13:13	10
o-Xylene	2.81		0.0199		mg/Kg		08/08/25 10:07	08/08/25 13:13	10
Xylenes, Total	8.29		0.0398		mg/Kg		08/08/25 10:07	08/08/25 13:13	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130	08/08/25 10:07	08/08/25 13:13	10
1,4-Difluorobenzene (Surr)	81		70 - 130	08/08/25 10:07	08/08/25 13:13	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.52		0.0398		mg/Kg			08/08/25 13:13	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 2 (0-1')

Lab Sample ID: 890-8597-3

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19400		997		mg/Kg			08/11/25 15:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<997	U	997		mg/Kg		08/08/25 11:11	08/11/25 15:20	20
Diesel Range Organics (Over C10-C28)	18200		997		mg/Kg		08/08/25 11:11	08/11/25 15:20	20
Oil Range Organics (Over C28-C36)	1190		997		mg/Kg		08/08/25 11:11	08/11/25 15:20	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130				08/08/25 11:11	08/11/25 15:20	20
o-Terphenyl	499	S1+	70 - 130				08/08/25 11:11	08/11/25 15:20	20

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1830		50.4		mg/Kg			08/08/25 23:28	5

Client Sample ID: AS - 2 (3-4')

Lab Sample ID: 890-8597-4

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0198	U	0.0198		mg/Kg		08/08/25 10:07	08/08/25 13:34	10
Toluene	0.0312		0.0198		mg/Kg		08/08/25 10:07	08/08/25 13:34	10
Ethylbenzene	0.0199		0.0198		mg/Kg		08/08/25 10:07	08/08/25 13:34	10
m-Xylene & p-Xylene	0.122		0.0396		mg/Kg		08/08/25 10:07	08/08/25 13:34	10
o-Xylene	0.0606		0.0198		mg/Kg		08/08/25 10:07	08/08/25 13:34	10
Xylenes, Total	0.183		0.0396		mg/Kg		08/08/25 10:07	08/08/25 13:34	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130				08/08/25 10:07	08/08/25 13:34	10
1,4-Difluorobenzene (Surr)	77		70 - 130				08/08/25 10:07	08/08/25 13:34	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.234		0.0396		mg/Kg			08/08/25 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1080		50.0		mg/Kg			08/11/25 15:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 15:35	1
Diesel Range Organics (Over C10-C28)	1010		50.0		mg/Kg		08/08/25 11:11	08/11/25 15:35	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 2 (3-4')

Lab Sample ID: 890-8597-4

Date Collected: 08/07/25 13:00
 Date Received: 08/07/25 16:11
 Sample Depth: 3-4

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	67.5		50.0		mg/Kg		08/08/25 11:11	08/11/25 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/08/25 11:11	08/11/25 15:35	1
o-Terphenyl	133	S1+	70 - 130				08/08/25 11:11	08/11/25 15:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		9.98		mg/Kg			08/08/25 23:34	1

Client Sample ID: AS - 3 (0-1')

Lab Sample ID: 890-8597-5

Date Collected: 08/07/25 13:00
 Date Received: 08/07/25 16:11
 Sample Depth: 0-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.81		0.0994		mg/Kg		08/08/25 17:00	08/09/25 19:14	50
Toluene	11.1		0.0994		mg/Kg		08/08/25 17:00	08/09/25 19:14	50
Ethylbenzene	12.1		0.0994		mg/Kg		08/08/25 17:00	08/09/25 19:14	50
m-Xylene & p-Xylene	25.6		0.199		mg/Kg		08/08/25 17:00	08/09/25 19:14	50
o-Xylene	11.5		0.0994		mg/Kg		08/08/25 17:00	08/09/25 19:14	50
Xylenes, Total	37.1		0.199		mg/Kg		08/08/25 17:00	08/09/25 19:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	204	S1+	70 - 130				08/08/25 17:00	08/09/25 19:14	50
1,4-Difluorobenzene (Surr)	70		70 - 130				08/08/25 17:00	08/09/25 19:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	62.1		0.199		mg/Kg			08/09/25 19:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28000		996		mg/Kg			08/11/25 15:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<996	U	996		mg/Kg		08/08/25 11:11	08/11/25 15:49	20
Diesel Range Organics (Over C10-C28)	26100		996		mg/Kg		08/08/25 11:11	08/11/25 15:49	20
Oil Range Organics (Over C28-C36)	1910		996		mg/Kg		08/08/25 11:11	08/11/25 15:49	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	201	S1+	70 - 130				08/08/25 11:11	08/11/25 15:49	20
o-Terphenyl	691	S1+	70 - 130				08/08/25 11:11	08/11/25 15:49	20

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 3 (0-1')

Lab Sample ID: 890-8597-5

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5410		49.6		mg/Kg			08/08/25 23:40	5

Client Sample ID: AS - 3 (3-4')

Lab Sample ID: 890-8597-6

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.49		0.0998		mg/Kg		08/08/25 17:00	08/09/25 19:35	50
Toluene	14.8		0.0998		mg/Kg		08/08/25 17:00	08/09/25 19:35	50
Ethylbenzene	14.4		0.0998		mg/Kg		08/08/25 17:00	08/09/25 19:35	50
m-Xylene & p-Xylene	29.0		0.200		mg/Kg		08/08/25 17:00	08/09/25 19:35	50
o-Xylene	12.1		0.0998		mg/Kg		08/08/25 17:00	08/09/25 19:35	50
Xylenes, Total	41.1		0.200		mg/Kg		08/08/25 17:00	08/09/25 19:35	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130				08/08/25 17:00	08/09/25 19:35	50
1,4-Difluorobenzene (Surr)	76		70 - 130				08/08/25 17:00	08/09/25 19:35	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	72.8		0.200		mg/Kg			08/09/25 19:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29100		995		mg/Kg			08/11/25 16:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<995	U	995		mg/Kg		08/08/25 11:11	08/11/25 16:04	20
Diesel Range Organics (Over C10-C28)	27200		995		mg/Kg		08/08/25 11:11	08/11/25 16:04	20
Oil Range Organics (Over C28-C36)	1870		995		mg/Kg		08/08/25 11:11	08/11/25 16:04	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	214	S1+	70 - 130				08/08/25 11:11	08/11/25 16:04	20
o-Terphenyl	716	S1+	70 - 130				08/08/25 11:11	08/11/25 16:04	20

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5220		49.7		mg/Kg			08/08/25 23:57	5

Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 4 (0-1')

Lab Sample ID: 890-8597-7

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.375		0.0199		mg/Kg		08/08/25 10:07	08/08/25 14:35	10
Toluene	2.19		0.0199		mg/Kg		08/08/25 10:07	08/08/25 14:35	10
Ethylbenzene	2.69		0.0199		mg/Kg		08/08/25 10:07	08/08/25 14:35	10
m-Xylene & p-Xylene	5.15		0.0398		mg/Kg		08/08/25 10:07	08/08/25 14:35	10
o-Xylene	2.66		0.0199		mg/Kg		08/08/25 10:07	08/08/25 14:35	10
Xylenes, Total	7.81		0.0398		mg/Kg		08/08/25 10:07	08/08/25 14:35	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	247	S1+	70 - 130	08/08/25 10:07	08/08/25 14:35	10
1,4-Difluorobenzene (Surr)	91		70 - 130	08/08/25 10:07	08/08/25 14:35	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	13.1		0.0398		mg/Kg			08/08/25 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25500		999		mg/Kg			08/11/25 16:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<999	U	999		mg/Kg		08/08/25 11:11	08/11/25 16:18	20
Diesel Range Organics (Over C10-C28)	23700		999		mg/Kg		08/08/25 11:11	08/11/25 16:18	20
Oil Range Organics (Over C28-C36)	1830		999		mg/Kg		08/08/25 11:11	08/11/25 16:18	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	185	S1+	70 - 130	08/08/25 11:11	08/11/25 16:18	20
o-Terphenyl	620	S1+	70 - 130	08/08/25 11:11	08/11/25 16:18	20

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3940		49.7		mg/Kg			08/09/25 00:02	5

Client Sample ID: AS - 4 (3-4')

Lab Sample ID: 890-8597-8

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		08/08/25 10:07	08/08/25 14:56	10
Toluene	0.703		0.0200		mg/Kg		08/08/25 10:07	08/08/25 14:56	10
Ethylbenzene	2.24		0.0200		mg/Kg		08/08/25 10:07	08/08/25 14:56	10
m-Xylene & p-Xylene	2.94		0.0400		mg/Kg		08/08/25 10:07	08/08/25 14:56	10
o-Xylene	1.79		0.0200		mg/Kg		08/08/25 10:07	08/08/25 14:56	10
Xylenes, Total	4.73		0.0400		mg/Kg		08/08/25 10:07	08/08/25 14:56	10

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 4 (3-4')

Lab Sample ID: 890-8597-8

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	231	S1+	70 - 130	08/08/25 10:07	08/08/25 14:56	10
1,4-Difluorobenzene (Surr)	81		70 - 130	08/08/25 10:07	08/08/25 14:56	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.67		0.0400		mg/Kg			08/08/25 14:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20200		499		mg/Kg			08/11/25 16:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	758		499		mg/Kg		08/08/25 11:11	08/11/25 16:33	10
Diesel Range Organics (Over C10-C28)	18300		499		mg/Kg		08/08/25 11:11	08/11/25 16:33	10
Oil Range Organics (Over C28-C36)	1160		499		mg/Kg		08/08/25 11:11	08/11/25 16:33	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	215	S1+	70 - 130	08/08/25 11:11	08/11/25 16:33	10
o-Terphenyl	521	S1+	70 - 130	08/08/25 11:11	08/11/25 16:33	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1920		50.2		mg/Kg			08/09/25 00:08	5

Client Sample ID: AS - 5 (0-1')

Lab Sample ID: 890-8597-9

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0198	U	0.0198		mg/Kg		08/08/25 10:07	08/08/25 15:16	10
Toluene	0.116		0.0198		mg/Kg		08/08/25 10:07	08/08/25 15:16	10
Ethylbenzene	0.120		0.0198		mg/Kg		08/08/25 10:07	08/08/25 15:16	10
m-Xylene & p-Xylene	0.287		0.0397		mg/Kg		08/08/25 10:07	08/08/25 15:16	10
o-Xylene	0.123		0.0198		mg/Kg		08/08/25 10:07	08/08/25 15:16	10
Xylenes, Total	0.410		0.0397		mg/Kg		08/08/25 10:07	08/08/25 15:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	08/08/25 10:07	08/08/25 15:16	10
1,4-Difluorobenzene (Surr)	76		70 - 130	08/08/25 10:07	08/08/25 15:16	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.646		0.0397		mg/Kg			08/08/25 15:16	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 5 (0-1')

Lab Sample ID: 890-8597-9

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/11/25 14:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 14:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 14:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/08/25 11:11	08/11/25 14:05	1
o-Terphenyl	122		70 - 130				08/08/25 11:11	08/11/25 14:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/09/25 00:14	1

Client Sample ID: AS - 5 (3-4')

Lab Sample ID: 890-8597-10

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 12:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 12:11	1
Ethylbenzene	0.00249		0.00200		mg/Kg		08/08/25 10:07	08/08/25 12:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/08/25 10:07	08/08/25 12:11	1
o-Xylene	0.00304		0.00200		mg/Kg		08/08/25 10:07	08/08/25 12:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/08/25 10:07	08/08/25 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/08/25 10:07	08/08/25 12:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/08/25 10:07	08/08/25 12:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00553		0.00399		mg/Kg			08/08/25 12:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	375		50.0		mg/Kg			08/11/25 16:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 16:48	1
Diesel Range Organics (Over C10-C28)	199		50.0		mg/Kg		08/08/25 11:11	08/11/25 16:48	1
Oil Range Organics (Over C28-C36)	176		50.0		mg/Kg		08/08/25 11:11	08/11/25 16:48	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 5 (3-4')
 Date Collected: 08/07/25 13:00
 Date Received: 08/07/25 16:11
 Sample Depth: 3-4

Lab Sample ID: 890-8597-10
 Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	08/08/25 11:11	08/11/25 16:48	1
o-Terphenyl	119		70 - 130	08/08/25 11:11	08/11/25 16:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/09/25 00:19	1

Client Sample ID: AS - 6 (0-1')
 Date Collected: 08/07/25 13:00
 Date Received: 08/07/25 16:11
 Sample Depth: 0-1

Lab Sample ID: 890-8597-11
 Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00225		0.00198		mg/Kg		08/08/25 10:07	08/08/25 16:51	1
Toluene	0.0539		0.00198		mg/Kg		08/08/25 10:07	08/08/25 16:51	1
Ethylbenzene	0.0990		0.00198		mg/Kg		08/08/25 10:07	08/08/25 16:51	1
m-Xylene & p-Xylene	0.122		0.00396		mg/Kg		08/08/25 10:07	08/08/25 16:51	1
o-Xylene	0.0583		0.00198		mg/Kg		08/08/25 10:07	08/08/25 16:51	1
Xylenes, Total	0.180		0.00396		mg/Kg		08/08/25 10:07	08/08/25 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	08/08/25 10:07	08/08/25 16:51	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/08/25 10:07	08/08/25 16:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.335		0.00396		mg/Kg			08/08/25 16:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	97.1		50.0		mg/Kg			08/11/25 17:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 17:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 17:18	1
Oil Range Organics (Over C28-C36)	97.1		50.0		mg/Kg		08/08/25 11:11	08/11/25 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	08/08/25 11:11	08/11/25 17:18	1
o-Terphenyl	111		70 - 130	08/08/25 11:11	08/11/25 17:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			08/09/25 00:25	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 6 (3-4')

Lab Sample ID: 890-8597-12

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/08/25 10:07	08/08/25 17:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/08/25 10:07	08/08/25 17:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/08/25 10:07	08/08/25 17:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/08/25 10:07	08/08/25 17:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/08/25 10:07	08/08/25 17:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/08/25 10:07	08/08/25 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/08/25 10:07	08/08/25 17:12	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/08/25 10:07	08/08/25 17:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/08/25 17:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	90.6		49.9		mg/Kg			08/11/25 17:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:11	08/11/25 17:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:11	08/11/25 17:32	1
Oil Range Organics (Over C28-C36)	90.6		49.9		mg/Kg		08/08/25 11:11	08/11/25 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	08/08/25 11:11	08/11/25 17:32	1
o-Terphenyl	116		70 - 130	08/08/25 11:11	08/11/25 17:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/09/25 00:42	1

Client Sample ID: AS - 7 (0-1')

Lab Sample ID: 890-8597-13

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/08/25 10:07	08/08/25 17:32	1
Toluene	0.00779		0.00199		mg/Kg		08/08/25 10:07	08/08/25 17:32	1
Ethylbenzene	0.0141		0.00199		mg/Kg		08/08/25 10:07	08/08/25 17:32	1
m-Xylene & p-Xylene	0.0209		0.00398		mg/Kg		08/08/25 10:07	08/08/25 17:32	1
o-Xylene	0.00935		0.00199		mg/Kg		08/08/25 10:07	08/08/25 17:32	1
Xylenes, Total	0.0303		0.00398		mg/Kg		08/08/25 10:07	08/08/25 17:32	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 7 (0-1')

Lab Sample ID: 890-8597-13

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/08/25 10:07	08/08/25 17:32	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/08/25 10:07	08/08/25 17:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0521		0.00398		mg/Kg			08/08/25 17:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.4		49.8		mg/Kg			08/11/25 17:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:11	08/11/25 17:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:11	08/11/25 17:48	1
Oil Range Organics (Over C28-C36)	75.4		49.8		mg/Kg		08/08/25 11:11	08/11/25 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	08/08/25 11:11	08/11/25 17:48	1
o-Terphenyl	114		70 - 130	08/08/25 11:11	08/11/25 17:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/09/25 00:48	1

Client Sample ID: AS - 7 (3-4')

Lab Sample ID: 890-8597-14

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/08/25 10:07	08/08/25 17:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/08/25 10:07	08/08/25 17:53	1
Ethylbenzene	0.00248		0.00202		mg/Kg		08/08/25 10:07	08/08/25 17:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/08/25 10:07	08/08/25 17:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/08/25 10:07	08/08/25 17:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/08/25 10:07	08/08/25 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/08/25 10:07	08/08/25 17:53	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/08/25 10:07	08/08/25 17:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/08/25 17:53	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 7 (3-4')

Lab Sample ID: 890-8597-14

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	67.4		50.0		mg/Kg			08/11/25 18:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 18:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 18:03	1
Oil Range Organics (Over C28-C36)	67.4		50.0		mg/Kg		08/08/25 11:11	08/11/25 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/08/25 11:11	08/11/25 18:03	1
o-Terphenyl	115		70 - 130				08/08/25 11:11	08/11/25 18:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/09/25 01:05	1

Client Sample ID: AS - 8 (0-1')

Lab Sample ID: 890-8597-15

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00419		0.00202		mg/Kg		08/08/25 10:07	08/08/25 18:13	1
Toluene	0.0297		0.00202		mg/Kg		08/08/25 10:07	08/08/25 18:13	1
Ethylbenzene	0.0259		0.00202		mg/Kg		08/08/25 10:07	08/08/25 18:13	1
m-Xylene & p-Xylene	0.0340		0.00403		mg/Kg		08/08/25 10:07	08/08/25 18:13	1
o-Xylene	0.0127		0.00202		mg/Kg		08/08/25 10:07	08/08/25 18:13	1
Xylenes, Total	0.0467		0.00403		mg/Kg		08/08/25 10:07	08/08/25 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/08/25 10:07	08/08/25 18:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/08/25 10:07	08/08/25 18:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.106		0.00403		mg/Kg			08/08/25 18:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	61.3		49.8		mg/Kg			08/11/25 18:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:11	08/11/25 18:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:11	08/11/25 18:18	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 8 (0-1')

Lab Sample ID: 890-8597-15

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	61.3		49.8		mg/Kg		08/08/25 11:11	08/11/25 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/08/25 11:11	08/11/25 18:18	1
o-Terphenyl	112		70 - 130				08/08/25 11:11	08/11/25 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/09/25 01:11	1

Client Sample ID: AS - 8 (3-4')

Lab Sample ID: 890-8597-16

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/08/25 10:07	08/08/25 18:34	1
Toluene	0.00504		0.00199		mg/Kg		08/08/25 10:07	08/08/25 18:34	1
Ethylbenzene	0.00634		0.00199		mg/Kg		08/08/25 10:07	08/08/25 18:34	1
m-Xylene & p-Xylene	0.00988		0.00398		mg/Kg		08/08/25 10:07	08/08/25 18:34	1
o-Xylene	0.00461		0.00199		mg/Kg		08/08/25 10:07	08/08/25 18:34	1
Xylenes, Total	0.0145		0.00398		mg/Kg		08/08/25 10:07	08/08/25 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/08/25 10:07	08/08/25 18:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/08/25 10:07	08/08/25 18:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0259		0.00398		mg/Kg			08/08/25 18:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.3		49.9		mg/Kg			08/11/25 18:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:11	08/11/25 18:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:11	08/11/25 18:32	1
Oil Range Organics (Over C28-C36)	57.3		49.9		mg/Kg		08/08/25 11:11	08/11/25 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/08/25 11:11	08/11/25 18:32	1
o-Terphenyl	116		70 - 130				08/08/25 11:11	08/11/25 18:32	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 8 (3-4')
 Date Collected: 08/07/25 13:00
 Date Received: 08/07/25 16:11
 Sample Depth: 3-4

Lab Sample ID: 890-8597-16
 Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/09/25 01:16	1

Client Sample ID: AS - 9 (0-1')
 Date Collected: 08/07/25 13:00
 Date Received: 08/07/25 16:11
 Sample Depth: 0-1

Lab Sample ID: 890-8597-17
 Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 18:54	1
Toluene	0.00687		0.00200		mg/Kg		08/08/25 10:07	08/08/25 18:54	1
Ethylbenzene	0.00839		0.00200		mg/Kg		08/08/25 10:07	08/08/25 18:54	1
m-Xylene & p-Xylene	0.0137		0.00399		mg/Kg		08/08/25 10:07	08/08/25 18:54	1
o-Xylene	0.00580		0.00200		mg/Kg		08/08/25 10:07	08/08/25 18:54	1
Xylenes, Total	0.0195		0.00399		mg/Kg		08/08/25 10:07	08/08/25 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/08/25 10:07	08/08/25 18:54	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/08/25 10:07	08/08/25 18:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0348		0.00399		mg/Kg			08/08/25 18:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.0		50.0		mg/Kg			08/11/25 18:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 18:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 18:46	1
Oil Range Organics (Over C28-C36)	50.0		50.0		mg/Kg		08/08/25 11:11	08/11/25 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/08/25 11:11	08/11/25 18:46	1
o-Terphenyl	112		70 - 130				08/08/25 11:11	08/11/25 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		10.1		mg/Kg			08/09/25 01:22	1

Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 9 (3-4')

Lab Sample ID: 890-8597-18

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/08/25 10:07	08/08/25 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 10:07	08/08/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/08/25 10:07	08/08/25 19:15	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/08/25 10:07	08/08/25 19:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/08/25 19:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/11/25 19:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 19:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 19:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	08/08/25 11:11	08/11/25 19:01	1
o-Terphenyl	114		70 - 130	08/08/25 11:11	08/11/25 19:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/09/25 01:28	1

Client Sample ID: AS - 10 (0-1')

Lab Sample ID: 890-8597-19

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:35	1
Ethylbenzene	0.00227		0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:35	1
m-Xylene & p-Xylene	0.00413		0.00400		mg/Kg		08/08/25 10:07	08/08/25 19:35	1
o-Xylene	0.00218		0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:35	1
Xylenes, Total	0.00631		0.00400		mg/Kg		08/08/25 10:07	08/08/25 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/08/25 10:07	08/08/25 19:35	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 10 (0-1')

Lab Sample ID: 890-8597-19

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	08/08/25 10:07	08/08/25 19:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00858		0.00400		mg/Kg			08/08/25 19:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/11/25 19:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 19:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 19:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/08/25 11:11	08/11/25 19:15	1
o-Terphenyl	114		70 - 130	08/08/25 11:11	08/11/25 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/09/25 01:33	1

Client Sample ID: AS - 10 (3-4')

Lab Sample ID: 890-8597-20

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:56	1
Toluene	0.00366		0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:56	1
Ethylbenzene	0.00555		0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:56	1
m-Xylene & p-Xylene	0.00688		0.00400		mg/Kg		08/08/25 10:07	08/08/25 19:56	1
o-Xylene	0.00364		0.00200		mg/Kg		08/08/25 10:07	08/08/25 19:56	1
Xylenes, Total	0.0105		0.00400		mg/Kg		08/08/25 10:07	08/08/25 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/08/25 10:07	08/08/25 19:56	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/08/25 10:07	08/08/25 19:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0197		0.00400		mg/Kg			08/08/25 19:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/11/25 19:28	1

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 10 (3-4')

Lab Sample ID: 890-8597-20

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Sample Depth: 3-4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/08/25 11:11	08/11/25 19:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/08/25 11:11	08/11/25 19:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/08/25 11:11	08/11/25 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	08/08/25 11:11	08/11/25 19:28	1
o-Terphenyl	117		70 - 130	08/08/25 11:11	08/11/25 19:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.1		10.0		mg/Kg			08/09/25 01:39	1

Surrogate Summary

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-8587-A-1-A MS	Matrix Spike	135 S1+	96
890-8587-A-1-B MSD	Matrix Spike Duplicate	218 S1+	124
890-8597-1	AS - 1 (0-1')	73	73
890-8597-2	AS - 1 (3-4')	232 S1+	82
890-8597-3	AS - 2 (0-1')	203 S1+	81
890-8597-4	AS - 2 (3-4')	172 S1+	77
890-8597-5	AS - 3 (0-1')	204 S1+	70
890-8597-6	AS - 3 (3-4')	163 S1+	76
890-8597-7	AS - 4 (0-1')	247 S1+	91
890-8597-8	AS - 4 (3-4')	231 S1+	81
890-8597-9	AS - 5 (0-1')	156 S1+	76
890-8597-10	AS - 5 (3-4')	102	94
890-8597-10 MS	AS - 5 (3-4')	80	119
890-8597-10 MSD	AS - 5 (3-4')	102	103
890-8597-11	AS - 6 (0-1')	128	87
890-8597-12	AS - 6 (3-4')	107	97
890-8597-13	AS - 7 (0-1')	107	92
890-8597-14	AS - 7 (3-4')	105	97
890-8597-15	AS - 8 (0-1')	110	90
890-8597-16	AS - 8 (3-4')	114	92
890-8597-17	AS - 9 (0-1')	111	92
890-8597-18	AS - 9 (3-4')	100	93
890-8597-19	AS - 10 (0-1')	103	93
890-8597-20	AS - 10 (3-4')	107	89
LCS 880-116191/1-A	Lab Control Sample	116	101
LCS 880-116210/1-A	Lab Control Sample	95	105
LCS 880-116191/2-A	Lab Control Sample Dup	118	94
LCS 880-116210/2-A	Lab Control Sample Dup	100	105
MB 880-116191/5-A	Method Blank	156 S1+	82
MB 880-116192/5-A	Method Blank	180 S1+	99
MB 880-116210/5-A	Method Blank	102	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-8597-1	AS - 1 (0-1')	165 S1+	549 S1+
890-8597-2	AS - 1 (3-4')	137 S1+	343 S1+
890-8597-3	AS - 2 (0-1')	161 S1+	499 S1+
890-8597-4	AS - 2 (3-4')	106	133 S1+
890-8597-5	AS - 3 (0-1')	201 S1+	691 S1+
890-8597-6	AS - 3 (3-4')	214 S1+	716 S1+
890-8597-7	AS - 4 (0-1')	185 S1+	620 S1+
890-8597-8	AS - 4 (3-4')	215 S1+	521 S1+

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Surrogate Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8597-9	AS - 5 (0-1')	111	122
890-8597-9 MS	AS - 5 (0-1')	113	112
890-8597-9 MSD	AS - 5 (0-1')	114	109
890-8597-10	AS - 5 (3-4')	108	119
890-8597-11	AS - 6 (0-1')	102	111
890-8597-12	AS - 6 (3-4')	102	116
890-8597-13	AS - 7 (0-1')	102	114
890-8597-14	AS - 7 (3-4')	102	115
890-8597-15	AS - 8 (0-1')	100	112
890-8597-16	AS - 8 (3-4')	102	116
890-8597-17	AS - 9 (0-1')	100	112
890-8597-18	AS - 9 (3-4')	101	114
890-8597-19	AS - 10 (0-1')	103	114
890-8597-20	AS - 10 (3-4')	105	117
LCS 880-116228/2-A	Lab Control Sample	129	135 S1+
LCSD 880-116228/3-A	Lab Control Sample Dup	129	137 S1+
MB 880-116228/1-A	Method Blank	115	134 S1+

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116191/5-A
 Matrix: Solid
 Analysis Batch: 116181

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 116191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 09:08	08/09/25 12:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	08/08/25 09:08	08/09/25 12:08	1
1,4-Difluorobenzene (Surr)	82		70 - 130	08/08/25 09:08	08/09/25 12:08	1

Lab Sample ID: LCS 880-116191/1-A
 Matrix: Solid
 Analysis Batch: 116181

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 116191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1081		mg/Kg		108	70 - 130
Toluene	0.100	0.1034		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1036		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2332		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1225		mg/Kg		122	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-116191/2-A
 Matrix: Solid
 Analysis Batch: 116181

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 116191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1025		mg/Kg		102	70 - 130	5	35
Toluene	0.100	0.1037		mg/Kg		104	70 - 130	0	35
Ethylbenzene	0.100	0.09993		mg/Kg		100	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2388		mg/Kg		119	70 - 130	2	35
o-Xylene	0.100	0.1302		mg/Kg		130	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-8587-A-1-A MS
 Matrix: Solid
 Analysis Batch: 116181

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 116191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08610		mg/Kg		86	70 - 130
Toluene	<0.00200	U F1	0.100	0.07822		mg/Kg		78	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8587-A-1-A MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 116181

Prep Batch: 116191

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1	0.100	0.06078	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2201		mg/Kg		110	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.1269		mg/Kg		127	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-8587-A-1-B MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 116181

Prep Batch: 116191

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09150		mg/Kg		91	70 - 130	6	35
Toluene	<0.00200	U F1	0.100	0.05887	F1	mg/Kg		59	70 - 130	28	35
Ethylbenzene	<0.00200	U F1	0.100	0.06096	F1	mg/Kg		59	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2898	F1	mg/Kg		145	70 - 130	27	35
o-Xylene	<0.00200	U F1	0.100	0.1781	F1	mg/Kg		178	70 - 130	34	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130
1,4-Difluorobenzene (Surr)	124		70 - 130

Lab Sample ID: MB 880-116192/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 116181

Prep Batch: 116192

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 09:11	08/09/25 00:32	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130	08/08/25 09:11	08/09/25 00:32	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/08/25 09:11	08/09/25 00:32	1

Lab Sample ID: MB 880-116210/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 116179

Prep Batch: 116210

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/08/25 10:07	08/08/25 11:50	1

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QC Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-116210/5-A
Matrix: Solid
Analysis Batch: 116179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116210

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	102		70 - 130			08/08/25 10:07	08/08/25 11:50	1	
1,4-Difluorobenzene (Surr)	92		70 - 130			08/08/25 10:07	08/08/25 11:50	1	

Lab Sample ID: LCS 880-116210/1-A
Matrix: Solid
Analysis Batch: 116179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116210

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1057		mg/Kg		106	70 - 130
Toluene	0.100	0.1006		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1133		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	0.200	0.2250		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1113		mg/Kg		111	70 - 130
Surrogate	%Recovery	Qualifier	Limits			LCS	LCS
4-Bromofluorobenzene (Surr)	95		70 - 130				
1,4-Difluorobenzene (Surr)	105		70 - 130				

Lab Sample ID: LCSD 880-116210/2-A
Matrix: Solid
Analysis Batch: 116179

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116210

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.1083		mg/Kg		108	70 - 130	2	35
Toluene	0.100	0.1007		mg/Kg		101	70 - 130	0	35
Ethylbenzene	0.100	0.1147		mg/Kg		115	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2280		mg/Kg		114	70 - 130	1	35
o-Xylene	0.100	0.1132		mg/Kg		113	70 - 130	2	35
Surrogate	%Recovery	Qualifier	Limits			LCSD	LCSD	RPD	Limit
4-Bromofluorobenzene (Surr)	100		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: 890-8597-10 MS
Matrix: Solid
Analysis Batch: 116179

Client Sample ID: AS - 5 (3-4')
Prep Type: Total/NA
Prep Batch: 116210

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U	0.100	0.09344		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.09847		mg/Kg		98	70 - 130
Ethylbenzene	0.00249		0.100	0.1172		mg/Kg		115	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2353		mg/Kg		116	70 - 130
o-Xylene	0.00304		0.100	0.1134		mg/Kg		110	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8597-10 MS
 Matrix: Solid
 Analysis Batch: 116179

Client Sample ID: AS - 5 (3-4')
 Prep Type: Total/NA
 Prep Batch: 116210

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	80		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: 890-8597-10 MSD
 Matrix: Solid
 Analysis Batch: 116179

Client Sample ID: AS - 5 (3-4')
 Prep Type: Total/NA
 Prep Batch: 116210

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Benzene	<0.00200	U	0.100	0.09400		mg/Kg		94	70 - 130	1		35
Toluene	<0.00200	U	0.100	0.09091		mg/Kg		91	70 - 130	8		35
Ethylbenzene	0.00249		0.100	0.1016		mg/Kg		99	70 - 130	14		35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1989		mg/Kg		98	70 - 130	17		35
o-Xylene	0.00304		0.100	0.09799		mg/Kg		95	70 - 130	15		35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116228/1-A
 Matrix: Solid
 Analysis Batch: 116377

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 116228

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 09:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 09:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/11/25 09:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	08/08/25 11:11	08/11/25 09:29	1
o-Terphenyl	134	S1+	70 - 130	08/08/25 11:11	08/11/25 09:29	1

Lab Sample ID: LCS 880-116228/2-A
 Matrix: Solid
 Analysis Batch: 116377

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 116228

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1034		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	897.6		mg/Kg		90	70 - 130	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	135	S1+	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116228/3-A
Matrix: Solid
Analysis Batch: 116377

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116228

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit	
										RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1012		mg/Kg		101	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	914.4		mg/Kg		91	70 - 130	2	20	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	129		70 - 130							
o-Terphenyl	137	S1+	70 - 130							

Lab Sample ID: 890-8597-9 MS
Matrix: Solid
Analysis Batch: 116377

Client Sample ID: AS - 5 (0-1')
Prep Type: Total/NA
Prep Batch: 116228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	810.0		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	790.0		mg/Kg		79	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	113		70 - 130								
o-Terphenyl	112		70 - 130								

Lab Sample ID: 890-8597-9 MSD
Matrix: Solid
Analysis Batch: 116377

Client Sample ID: AS - 5 (0-1')
Prep Type: Total/NA
Prep Batch: 116228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	804.2		mg/Kg		81	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	767.6		mg/Kg		77	70 - 130	3	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	109		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116243/1-A
Matrix: Solid
Analysis Batch: 116252

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/08/25 22:49	1

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QC Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116243/2-A
 Matrix: Solid
 Analysis Batch: 116252

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	235.5		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-116243/3-A
 Matrix: Solid
 Analysis Batch: 116252

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	236.3		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 890-8597-1 MS
 Matrix: Solid
 Analysis Batch: 116252

Client Sample ID: AS - 1 (0-1')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	885		251	1133		mg/Kg		99	90 - 110

Lab Sample ID: 890-8597-1 MSD
 Matrix: Solid
 Analysis Batch: 116252

Client Sample ID: AS - 1 (0-1')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	885		251	1135		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-8597-11 MS
 Matrix: Solid
 Analysis Batch: 116252

Client Sample ID: AS - 6 (0-1')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.98	U	250	253.5		mg/Kg		99	90 - 110

Lab Sample ID: 890-8597-11 MSD
 Matrix: Solid
 Analysis Batch: 116252

Client Sample ID: AS - 6 (0-1')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.98	U	250	253.7		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

GC VOA

Analysis Batch: 116179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-2	AS - 1 (3-4')	Total/NA	Solid	8021B	116210
890-8597-3	AS - 2 (0-1')	Total/NA	Solid	8021B	116210
890-8597-4	AS - 2 (3-4')	Total/NA	Solid	8021B	116210
890-8597-7	AS - 4 (0-1')	Total/NA	Solid	8021B	116210
890-8597-8	AS - 4 (3-4')	Total/NA	Solid	8021B	116210
890-8597-9	AS - 5 (0-1')	Total/NA	Solid	8021B	116210
890-8597-10	AS - 5 (3-4')	Total/NA	Solid	8021B	116210
890-8597-11	AS - 6 (0-1')	Total/NA	Solid	8021B	116210
890-8597-12	AS - 6 (3-4')	Total/NA	Solid	8021B	116210
890-8597-13	AS - 7 (0-1')	Total/NA	Solid	8021B	116210
890-8597-14	AS - 7 (3-4')	Total/NA	Solid	8021B	116210
890-8597-15	AS - 8 (0-1')	Total/NA	Solid	8021B	116210
890-8597-16	AS - 8 (3-4')	Total/NA	Solid	8021B	116210
890-8597-17	AS - 9 (0-1')	Total/NA	Solid	8021B	116210
890-8597-18	AS - 9 (3-4')	Total/NA	Solid	8021B	116210
890-8597-19	AS - 10 (0-1')	Total/NA	Solid	8021B	116210
890-8597-20	AS - 10 (3-4')	Total/NA	Solid	8021B	116210
MB 880-116210/5-A	Method Blank	Total/NA	Solid	8021B	116210
LCS 880-116210/1-A	Lab Control Sample	Total/NA	Solid	8021B	116210
LCSD 880-116210/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116210
890-8597-10 MS	AS - 5 (3-4')	Total/NA	Solid	8021B	116210
890-8597-10 MSD	AS - 5 (3-4')	Total/NA	Solid	8021B	116210

Analysis Batch: 116181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-1	AS - 1 (0-1')	Total/NA	Solid	8021B	116191
890-8597-5	AS - 3 (0-1')	Total/NA	Solid	8021B	116191
890-8597-6	AS - 3 (3-4')	Total/NA	Solid	8021B	116191
MB 880-116191/5-A	Method Blank	Total/NA	Solid	8021B	116191
MB 880-116192/5-A	Method Blank	Total/NA	Solid	8021B	116192
LCS 880-116191/1-A	Lab Control Sample	Total/NA	Solid	8021B	116191
LCSD 880-116191/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116191
890-8587-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	116191
890-8587-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	116191

Prep Batch: 116191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-1	AS - 1 (0-1')	Total/NA	Solid	5035	
890-8597-5	AS - 3 (0-1')	Total/NA	Solid	5035	
890-8597-6	AS - 3 (3-4')	Total/NA	Solid	5035	
MB 880-116191/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116191/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116191/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8587-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-8587-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 116192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-116192/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

GC VOA

Prep Batch: 116210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-2	AS - 1 (3-4')	Total/NA	Solid	5035	
890-8597-3	AS - 2 (0-1')	Total/NA	Solid	5035	
890-8597-4	AS - 2 (3-4')	Total/NA	Solid	5035	
890-8597-7	AS - 4 (0-1')	Total/NA	Solid	5035	
890-8597-8	AS - 4 (3-4')	Total/NA	Solid	5035	
890-8597-9	AS - 5 (0-1')	Total/NA	Solid	5035	
890-8597-10	AS - 5 (3-4')	Total/NA	Solid	5035	
890-8597-11	AS - 6 (0-1')	Total/NA	Solid	5035	
890-8597-12	AS - 6 (3-4')	Total/NA	Solid	5035	
890-8597-13	AS - 7 (0-1')	Total/NA	Solid	5035	
890-8597-14	AS - 7 (3-4')	Total/NA	Solid	5035	
890-8597-15	AS - 8 (0-1')	Total/NA	Solid	5035	
890-8597-16	AS - 8 (3-4')	Total/NA	Solid	5035	
890-8597-17	AS - 9 (0-1')	Total/NA	Solid	5035	
890-8597-18	AS - 9 (3-4')	Total/NA	Solid	5035	
890-8597-19	AS - 10 (0-1')	Total/NA	Solid	5035	
890-8597-20	AS - 10 (3-4')	Total/NA	Solid	5035	
MB 880-116210/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116210/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-116210/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8597-10 MS	AS - 5 (3-4')	Total/NA	Solid	5035	
890-8597-10 MSD	AS - 5 (3-4')	Total/NA	Solid	5035	

Analysis Batch: 116336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-1	AS - 1 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-2	AS - 1 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-3	AS - 2 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-4	AS - 2 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-5	AS - 3 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-6	AS - 3 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-7	AS - 4 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-8	AS - 4 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-9	AS - 5 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-10	AS - 5 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-11	AS - 6 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-12	AS - 6 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-13	AS - 7 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-14	AS - 7 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-15	AS - 8 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-16	AS - 8 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-17	AS - 9 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-18	AS - 9 (3-4')	Total/NA	Solid	Total BTEX	
890-8597-19	AS - 10 (0-1')	Total/NA	Solid	Total BTEX	
890-8597-20	AS - 10 (3-4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-1	AS - 1 (0-1')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

GC Semi VOA (Continued)

Prep Batch: 116228 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-2	AS - 1 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-3	AS - 2 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-4	AS - 2 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-5	AS - 3 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-6	AS - 3 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-7	AS - 4 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-8	AS - 4 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-9	AS - 5 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-10	AS - 5 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-11	AS - 6 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-12	AS - 6 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-13	AS - 7 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-14	AS - 7 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-15	AS - 8 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-16	AS - 8 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-17	AS - 9 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-18	AS - 9 (3-4')	Total/NA	Solid	8015NM Prep	
890-8597-19	AS - 10 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-20	AS - 10 (3-4')	Total/NA	Solid	8015NM Prep	
MB 880-116228/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116228/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116228/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8597-9 MS	AS - 5 (0-1')	Total/NA	Solid	8015NM Prep	
890-8597-9 MSD	AS - 5 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-1	AS - 1 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-2	AS - 1 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-3	AS - 2 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-4	AS - 2 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-5	AS - 3 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-6	AS - 3 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-7	AS - 4 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-8	AS - 4 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-9	AS - 5 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-10	AS - 5 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-11	AS - 6 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-12	AS - 6 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-13	AS - 7 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-14	AS - 7 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-15	AS - 8 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-16	AS - 8 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-17	AS - 9 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-18	AS - 9 (3-4')	Total/NA	Solid	8015B NM	116228
890-8597-19	AS - 10 (0-1')	Total/NA	Solid	8015B NM	116228
890-8597-20	AS - 10 (3-4')	Total/NA	Solid	8015B NM	116228
MB 880-116228/1-A	Method Blank	Total/NA	Solid	8015B NM	116228
LCS 880-116228/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116228
LCSD 880-116228/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116228
890-8597-9 MS	AS - 5 (0-1')	Total/NA	Solid	8015B NM	116228

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QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

GC Semi VOA (Continued)

Analysis Batch: 116377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-9 MSD	AS - 5 (0-1')	Total/NA	Solid	8015B NM	116228

Analysis Batch: 116479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-1	AS - 1 (0-1')	Total/NA	Solid	8015 NM	
890-8597-2	AS - 1 (3-4')	Total/NA	Solid	8015 NM	
890-8597-3	AS - 2 (0-1')	Total/NA	Solid	8015 NM	
890-8597-4	AS - 2 (3-4')	Total/NA	Solid	8015 NM	
890-8597-5	AS - 3 (0-1')	Total/NA	Solid	8015 NM	
890-8597-6	AS - 3 (3-4')	Total/NA	Solid	8015 NM	
890-8597-7	AS - 4 (0-1')	Total/NA	Solid	8015 NM	
890-8597-8	AS - 4 (3-4')	Total/NA	Solid	8015 NM	
890-8597-9	AS - 5 (0-1')	Total/NA	Solid	8015 NM	
890-8597-10	AS - 5 (3-4')	Total/NA	Solid	8015 NM	
890-8597-11	AS - 6 (0-1')	Total/NA	Solid	8015 NM	
890-8597-12	AS - 6 (3-4')	Total/NA	Solid	8015 NM	
890-8597-13	AS - 7 (0-1')	Total/NA	Solid	8015 NM	
890-8597-14	AS - 7 (3-4')	Total/NA	Solid	8015 NM	
890-8597-15	AS - 8 (0-1')	Total/NA	Solid	8015 NM	
890-8597-16	AS - 8 (3-4')	Total/NA	Solid	8015 NM	
890-8597-17	AS - 9 (0-1')	Total/NA	Solid	8015 NM	
890-8597-18	AS - 9 (3-4')	Total/NA	Solid	8015 NM	
890-8597-19	AS - 10 (0-1')	Total/NA	Solid	8015 NM	
890-8597-20	AS - 10 (3-4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-1	AS - 1 (0-1')	Soluble	Solid	DI Leach	
890-8597-2	AS - 1 (3-4')	Soluble	Solid	DI Leach	
890-8597-3	AS - 2 (0-1')	Soluble	Solid	DI Leach	
890-8597-4	AS - 2 (3-4')	Soluble	Solid	DI Leach	
890-8597-5	AS - 3 (0-1')	Soluble	Solid	DI Leach	
890-8597-6	AS - 3 (3-4')	Soluble	Solid	DI Leach	
890-8597-7	AS - 4 (0-1')	Soluble	Solid	DI Leach	
890-8597-8	AS - 4 (3-4')	Soluble	Solid	DI Leach	
890-8597-9	AS - 5 (0-1')	Soluble	Solid	DI Leach	
890-8597-10	AS - 5 (3-4')	Soluble	Solid	DI Leach	
890-8597-11	AS - 6 (0-1')	Soluble	Solid	DI Leach	
890-8597-12	AS - 6 (3-4')	Soluble	Solid	DI Leach	
890-8597-13	AS - 7 (0-1')	Soluble	Solid	DI Leach	
890-8597-14	AS - 7 (3-4')	Soluble	Solid	DI Leach	
890-8597-15	AS - 8 (0-1')	Soluble	Solid	DI Leach	
890-8597-16	AS - 8 (3-4')	Soluble	Solid	DI Leach	
890-8597-17	AS - 9 (0-1')	Soluble	Solid	DI Leach	
890-8597-18	AS - 9 (3-4')	Soluble	Solid	DI Leach	
890-8597-19	AS - 10 (0-1')	Soluble	Solid	DI Leach	
890-8597-20	AS - 10 (3-4')	Soluble	Solid	DI Leach	
MB 880-116243/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116243/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

HPLC/IC (Continued)

Leach Batch: 116243 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-116243/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8597-1 MS	AS - 1 (0-1')	Soluble	Solid	DI Leach	
890-8597-1 MSD	AS - 1 (0-1')	Soluble	Solid	DI Leach	
890-8597-11 MS	AS - 6 (0-1')	Soluble	Solid	DI Leach	
890-8597-11 MSD	AS - 6 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 116252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8597-1	AS - 1 (0-1')	Soluble	Solid	300.0	116243
890-8597-2	AS - 1 (3-4')	Soluble	Solid	300.0	116243
890-8597-3	AS - 2 (0-1')	Soluble	Solid	300.0	116243
890-8597-4	AS - 2 (3-4')	Soluble	Solid	300.0	116243
890-8597-5	AS - 3 (0-1')	Soluble	Solid	300.0	116243
890-8597-6	AS - 3 (3-4')	Soluble	Solid	300.0	116243
890-8597-7	AS - 4 (0-1')	Soluble	Solid	300.0	116243
890-8597-8	AS - 4 (3-4')	Soluble	Solid	300.0	116243
890-8597-9	AS - 5 (0-1')	Soluble	Solid	300.0	116243
890-8597-10	AS - 5 (3-4')	Soluble	Solid	300.0	116243
890-8597-11	AS - 6 (0-1')	Soluble	Solid	300.0	116243
890-8597-12	AS - 6 (3-4')	Soluble	Solid	300.0	116243
890-8597-13	AS - 7 (0-1')	Soluble	Solid	300.0	116243
890-8597-14	AS - 7 (3-4')	Soluble	Solid	300.0	116243
890-8597-15	AS - 8 (0-1')	Soluble	Solid	300.0	116243
890-8597-16	AS - 8 (3-4')	Soluble	Solid	300.0	116243
890-8597-17	AS - 9 (0-1')	Soluble	Solid	300.0	116243
890-8597-18	AS - 9 (3-4')	Soluble	Solid	300.0	116243
890-8597-19	AS - 10 (0-1')	Soluble	Solid	300.0	116243
890-8597-20	AS - 10 (3-4')	Soluble	Solid	300.0	116243
MB 880-116243/1-A	Method Blank	Soluble	Solid	300.0	116243
LCS 880-116243/2-A	Lab Control Sample	Soluble	Solid	300.0	116243
LCSD 880-116243/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116243
890-8597-1 MS	AS - 1 (0-1')	Soluble	Solid	300.0	116243
890-8597-1 MSD	AS - 1 (0-1')	Soluble	Solid	300.0	116243
890-8597-11 MS	AS - 6 (0-1')	Soluble	Solid	300.0	116243
890-8597-11 MSD	AS - 6 (0-1')	Soluble	Solid	300.0	116243

Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 1 (0-1')

Lab Sample ID: 890-8597-1

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	116191	08/08/25 17:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	116181	08/09/25 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/09/25 18:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 14:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	116377	08/11/25 14:50	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/08/25 23:06	CS	EET MID

Client Sample ID: AS - 1 (3-4')

Lab Sample ID: 890-8597-2

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	116179	08/08/25 12:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 12:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 15:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	116377	08/11/25 15:05	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		5			116252	08/11/25 09:57	CS	EET MID

Client Sample ID: AS - 2 (0-1')

Lab Sample ID: 890-8597-3

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	116179	08/08/25 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 13:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 15:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	116377	08/11/25 15:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		5			116252	08/08/25 23:28	CS	EET MID

Client Sample ID: AS - 2 (3-4')

Lab Sample ID: 890-8597-4

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	116179	08/08/25 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 13:34	SA	EET MID

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Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 2 (3-4')

Lab Sample ID: 890-8597-4

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116479	08/11/25 15:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 15:35	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/08/25 23:34	CS	EET MID

Client Sample ID: AS - 3 (0-1')

Lab Sample ID: 890-8597-5

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116191	08/08/25 17:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	116181	08/09/25 19:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/09/25 19:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 15:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	116377	08/11/25 15:49	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		5			116252	08/08/25 23:40	CS	EET MID

Client Sample ID: AS - 3 (3-4')

Lab Sample ID: 890-8597-6

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	116191	08/08/25 17:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	116181	08/09/25 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/09/25 19:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 16:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	116377	08/11/25 16:04	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		5			116252	08/08/25 23:57	CS	EET MID

Client Sample ID: AS - 4 (0-1')

Lab Sample ID: 890-8597-7

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	116179	08/08/25 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 14:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 16:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	116377	08/11/25 16:18	TKC	EET MID

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Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 4 (0-1')

Lab Sample ID: 890-8597-7

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		5			116252	08/09/25 00:02	CS	EET MID

Client Sample ID: AS - 4 (3-4')

Lab Sample ID: 890-8597-8

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	116179	08/08/25 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 14:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 16:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	116377	08/11/25 16:33	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		5			116252	08/09/25 00:08	CS	EET MID

Client Sample ID: AS - 5 (0-1')

Lab Sample ID: 890-8597-9

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	116179	08/08/25 15:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 15:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 14:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 14:05	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 00:14	CS	EET MID

Client Sample ID: AS - 5 (3-4')

Lab Sample ID: 890-8597-10

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 12:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 12:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 16:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 16:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 00:19	CS	EET MID

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Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 6 (0-1')

Lab Sample ID: 890-8597-11

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 16:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 16:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 17:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 17:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 00:25	CS	EET MID

Client Sample ID: AS - 6 (3-4')

Lab Sample ID: 890-8597-12

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 17:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 17:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 17:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 17:32	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 00:42	CS	EET MID

Client Sample ID: AS - 7 (0-1')

Lab Sample ID: 890-8597-13

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 17:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 17:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 17:48	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 00:48	CS	EET MID

Client Sample ID: AS - 7 (3-4')

Lab Sample ID: 890-8597-14

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 17:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 17:53	SA	EET MID

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Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 7 (3-4')

Lab Sample ID: 890-8597-14

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116479	08/11/25 18:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 18:03	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 01:05	CS	EET MID

Client Sample ID: AS - 8 (0-1')

Lab Sample ID: 890-8597-15

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 18:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 18:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 18:18	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 01:11	CS	EET MID

Client Sample ID: AS - 8 (3-4')

Lab Sample ID: 890-8597-16

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 18:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 18:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 18:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 01:16	CS	EET MID

Client Sample ID: AS - 9 (0-1')

Lab Sample ID: 890-8597-17

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 18:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 18:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 18:46	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
 SDG: LEA

Client Sample ID: AS - 9 (0-1')

Lab Sample ID: 890-8597-17

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 01:22	CS	EET MID

Client Sample ID: AS - 9 (3-4')

Lab Sample ID: 890-8597-18

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 19:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 19:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 19:01	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 01:28	CS	EET MID

Client Sample ID: AS - 10 (0-1')

Lab Sample ID: 890-8597-19

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 19:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 19:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 19:15	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 01:33	CS	EET MID

Client Sample ID: AS - 10 (3-4')

Lab Sample ID: 890-8597-20

Date Collected: 08/07/25 13:00

Matrix: Solid

Date Received: 08/07/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116210	08/08/25 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116336	08/08/25 19:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			116479	08/11/25 19:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	116228	08/08/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 19:28	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116243	08/08/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			116252	08/09/25 01:39	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Tetra Tech Inc
Project/Site: MCA 300 FLOWLINE

Job ID: 890-8597-1
SDG: LEA

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8597-1	AS - 1 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-2	AS - 1 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-3	AS - 2 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-4	AS - 2 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-5	AS - 3 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-6	AS - 3 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-7	AS - 4 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-8	AS - 4 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-9	AS - 5 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-10	AS - 5 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-11	AS - 6 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-12	AS - 6 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-13	AS - 7 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-14	AS - 7 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-15	AS - 8 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-16	AS - 8 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-17	AS - 9 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-18	AS - 9 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4
890-8597-19	AS - 10 (0-1')	Solid	08/07/25 13:00	08/07/25 16:11	0-1
890-8597-20	AS - 10 (3-4')	Solid	08/07/25 13:00	08/07/25 16:11	3-4

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
 Xenco



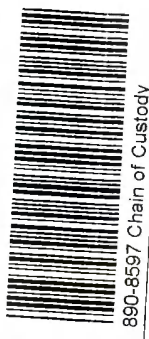
Work Order No:

www.xenco.com Page 1 of 1

Project Manager: Chris Straub	Bill to: (if different)
Company Name: Tetra Tech	Company Name:
Address:	Address:
City, State ZIP:	City, State ZIP:
Phone:	Email: Chris.Straub@TetraTech.com

Project Name: MCA 300	Turn Around	ANALYSIS REQUEST
Project Number:	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location: 400	Due Date: 8-10	
Sampler's Name: Soe	TAT starts the day received by the lab, if received by 4:30pm	
PO #:		

SAMPLE RECEIPT	Temp Blank:		Wet Ice:		Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters
	Yes	No	Yes	No											
AS-1 (0-1)										8-7	1300	0-1	1	1	
AS-1 (3-4)										8-7	1300	3-4	1	1	
AS-2 (0-1)										8-7	1300	0-1	1	1	
AS-2 (3-4)										8-7	1300	3-4	1	1	
AS-3 (0-1)										8-7	1300	0-1	1	1	
AS-3 (3-4)										8-7	1300	3-4	1	1	
AS-4 (0-1)										8-7	1300	0-1	1	1	
AS-4 (3-4)										8-7	1300	3-4	1	1	
AS-5 (0-1)										8-7	1300	0-1	1	1	
AS-5 (3-4)										8-7	1300	3-4	1	1	



Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Tl Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/7 16/12

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200... Dallas, TX (214) 902-0300... Midland, TX (432) 704-5440... San Antonio, TX (210) 509-3334... El Paso, TX (915) 585-3443... Lubbock, TX (806) 794-1296... Hobbs, NM (575) 392-7550... Carlsbad, NM (575) 988-3199

Environment Testing Xenco

Work Order No:

www.xenco.com Page 2 of 2

Project Manager: CHRIS STRAMB... Company Name: Tetra Tech... Address: ... City, State ZIP: ... Phone: ... Email: CHRIS.STRAMB@TetraTech.com

Work Order Comments: Program: UST/PST... State of Project: Reporting: Level II... Deliverables: EDD... Other: ADaPT

ANALYSIS REQUEST table with columns: Sample Identification, Matrix, Date Sampled, Time Sampled, Depth, Grab/Comp, # of Cont, Parameters, Pres. Code, Sample Comments

Total 200.71 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by (Signature) and Received by (Signature) section with handwritten signatures and dates.



Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 890-8597-1

SDG Number: LEA

Login Number: 8597

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 890-8597-1

SDG Number: LEA

Login Number: 8597

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/08/25 09:33 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Nick Hart
 Tetra Tech Inc
 901 W Wall
 Ste 100

Midland, Texas 79701

Generated 2/13/2026 3:18:50 PM

JOB DESCRIPTION

MCA 300
 Lea County New Mexico

JOB NUMBER

880-68153-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
2/13/2026 3:18:50 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Tetra Tech Inc
Project/Site: MCA 300

Laboratory Job ID: 880-68153-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Tetra Tech Inc
Project: MCA 300

Job ID: 880-68153-1

Job ID: 880-68153-1

Eurofins Midland

Job Narrative 880-68153-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/11/2026 4:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131687 and analytical batch 880-131638 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland



Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 9 (4')

Lab Sample ID: 880-68153-1

Date Collected: 02/11/26 12:00

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 20:00	02/13/26 04:14	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 20:00	02/13/26 04:14	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 20:00	02/13/26 04:14	1
m-Xylene & p-Xylene	<0.00400	U F1	0.00400		mg/Kg		02/12/26 20:00	02/13/26 04:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 04:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 20:00	02/13/26 04:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/12/26 20:00	02/13/26 04:14	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/12/26 20:00	02/13/26 04:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/13/26 04:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/26 12:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 12:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 12:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 12:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	02/12/26 13:19	02/13/26 12:14	1
o-Terphenyl	105		70 - 130	02/12/26 13:19	02/13/26 12:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		9.92		mg/Kg			02/13/26 01:33	1

Client Sample ID: BH 10 (4')

Lab Sample ID: 880-68153-2

Date Collected: 02/11/26 12:10

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 04:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 04:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 04:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 20:00	02/13/26 04:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 04:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 20:00	02/13/26 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/12/26 20:00	02/13/26 04:35	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 10 (4')
Date Collected: 02/11/26 12:10
Date Received: 02/11/26 16:36
Sample Depth: 4'

Lab Sample ID: 880-68153-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	02/12/26 20:00	02/13/26 04:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/26 04:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 12:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 12:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 12:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	02/12/26 13:19	02/13/26 12:27	1
o-Terphenyl	98		70 - 130	02/12/26 13:19	02/13/26 12:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		9.96		mg/Kg			02/13/26 01:38	1

Client Sample ID: BH 11 (4')
Date Collected: 02/11/26 12:20
Date Received: 02/11/26 16:36
Sample Depth: 4'

Lab Sample ID: 880-68153-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 04:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 04:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 04:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/26 20:00	02/13/26 04:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 04:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/26 20:00	02/13/26 04:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/12/26 20:00	02/13/26 04:55	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/12/26 20:00	02/13/26 04:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/26 04:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 12:42	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 11 (4')

Lab Sample ID: 880-68153-3

Date Collected: 02/11/26 12:20

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 12:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 12:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				02/12/26 13:19	02/13/26 12:42	1
o-Terphenyl	114		70 - 130				02/12/26 13:19	02/13/26 12:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/26 01:43	1

Client Sample ID: BH 12 (4')

Lab Sample ID: 880-68153-4

Date Collected: 02/11/26 12:30

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/26 20:00	02/13/26 05:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 20:00	02/13/26 05:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 20:00	02/13/26 05:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 20:00	02/13/26 05:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 20:00	02/13/26 05:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 20:00	02/13/26 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/12/26 20:00	02/13/26 05:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/12/26 20:00	02/13/26 05:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/26 05:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/26 12:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 12:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 12:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/12/26 13:19	02/13/26 12:56	1
o-Terphenyl	111		70 - 130				02/12/26 13:19	02/13/26 12:56	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 12 (4')

Lab Sample ID: 880-68153-4

Date Collected: 02/11/26 12:30

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/13/26 01:59	1

Client Sample ID: BH 13 (4')

Lab Sample ID: 880-68153-5

Date Collected: 02/11/26 12:40

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 05:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 05:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 05:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 20:00	02/13/26 05:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 05:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 20:00	02/13/26 05:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/12/26 20:00	02/13/26 05:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/12/26 20:00	02/13/26 05:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/26 05:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 13:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/12/26 13:19	02/13/26 13:10	1
o-Terphenyl	103		70 - 130				02/12/26 13:19	02/13/26 13:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.4		9.92		mg/Kg			02/13/26 02:04	1

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 14 (4')

Lab Sample ID: 880-68153-6

Date Collected: 02/11/26 12:50

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 05:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 05:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 05:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 20:00	02/13/26 05:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 05:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 20:00	02/13/26 05:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/12/26 20:00	02/13/26 05:56	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/12/26 20:00	02/13/26 05:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/26 05:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 13:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	02/12/26 13:19	02/13/26 13:25	1
o-Terphenyl	106		70 - 130	02/12/26 13:19	02/13/26 13:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/13/26 02:20	1

Client Sample ID: BH 15 (4')

Lab Sample ID: 880-68153-7

Date Collected: 02/11/26 13:00

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/12/26 20:00	02/13/26 06:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 20:00	02/13/26 06:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 20:00	02/13/26 06:17	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 20:00	02/13/26 06:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 20:00	02/13/26 06:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 20:00	02/13/26 06:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	02/12/26 20:00	02/13/26 06:17	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 15 (4')

Lab Sample ID: 880-68153-7

Date Collected: 02/11/26 13:00

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	02/12/26 20:00	02/13/26 06:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/13/26 06:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 13:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	02/12/26 13:19	02/13/26 13:39	1
o-Terphenyl	105		70 - 130	02/12/26 13:19	02/13/26 13:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.2		10.1		mg/Kg			02/13/26 02:25	1

Client Sample ID: BH 16 (4')

Lab Sample ID: 880-68153-8

Date Collected: 02/11/26 13:10

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/26 20:00	02/13/26 06:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 20:00	02/13/26 06:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 20:00	02/13/26 06:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 20:00	02/13/26 06:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 20:00	02/13/26 06:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 20:00	02/13/26 06:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/12/26 20:00	02/13/26 06:37	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/12/26 20:00	02/13/26 06:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/26 06:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 14:07	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 16 (4')

Lab Sample ID: 880-68153-8

Date Collected: 02/11/26 13:10

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 14:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				02/12/26 13:19	02/13/26 14:07	1
o-Terphenyl	101		70 - 130				02/12/26 13:19	02/13/26 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/13/26 02:30	1

Client Sample ID: SW 3

Lab Sample ID: 880-68153-9

Date Collected: 02/11/26 13:20

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/12/26 20:00	02/13/26 06:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 20:00	02/13/26 06:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 20:00	02/13/26 06:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 20:00	02/13/26 06:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 20:00	02/13/26 06:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 20:00	02/13/26 06:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/12/26 20:00	02/13/26 06:57	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/12/26 20:00	02/13/26 06:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/13/26 06:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/26 14:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 14:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 14:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:19	02/13/26 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				02/12/26 13:19	02/13/26 14:21	1
o-Terphenyl	107		70 - 130				02/12/26 13:19	02/13/26 14:21	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: SW 3

Lab Sample ID: 880-68153-9

Date Collected: 02/11/26 13:20

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/13/26 02:35	1

Client Sample ID: SW 4

Lab Sample ID: 880-68153-10

Date Collected: 02/11/26 13:30

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 07:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 07:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 07:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 20:00	02/13/26 07:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 07:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 20:00	02/13/26 07:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				02/12/26 20:00	02/13/26 07:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/12/26 20:00	02/13/26 07:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/26 07:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 14:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 14:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 14:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				02/12/26 13:19	02/13/26 14:35	1
o-Terphenyl	123		70 - 130				02/12/26 13:19	02/13/26 14:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/13/26 02:41	1

Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68153-1
 SDG: Lea County New Mexico

Client Sample ID: SW 5

Lab Sample ID: 880-68153-11

Date Collected: 02/11/26 13:40

Matrix: Solid

Date Received: 02/11/26 16:36

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 08:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 08:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 08:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 20:00	02/13/26 08:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 20:00	02/13/26 08:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 20:00	02/13/26 08:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/12/26 20:00	02/13/26 08:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/12/26 20:00	02/13/26 08:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/26 08:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 14:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 14:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 14:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:19	02/13/26 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	02/12/26 13:19	02/13/26 14:49	1
o-Terphenyl	105		70 - 130	02/12/26 13:19	02/13/26 14:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		9.94		mg/Kg			02/13/26 02:46	1

Surrogate Summary

Client: Tetra Tech Inc
Project/Site: MCA 300Job ID: 880-68153-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68153-1	BH 9 (4')	111	96
880-68153-1 MS	BH 9 (4')	104	94
880-68153-1 MSD	BH 9 (4')	105	100
880-68153-2	BH 10 (4')	111	100
880-68153-3	BH 11 (4')	109	98
880-68153-4	BH 12 (4')	118	96
880-68153-5	BH 13 (4')	106	93
880-68153-6	BH 14 (4')	113	95
880-68153-7	BH 15 (4')	117	93
880-68153-8	BH 16 (4')	121	98
880-68153-9	SW 3	111	96
880-68153-10	SW 4	122	99
880-68153-11	SW 5	113	97
LCS 880-131687/1-A	Lab Control Sample	108	92
LCSD 880-131687/2-A	Lab Control Sample Dup	104	101
MB 880-131596/5-A	Method Blank	99	89
MB 880-131687/5-A	Method Blank	107	87

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68146-A-5-D MS	Matrix Spike	121	111
880-68146-A-5-E MSD	Matrix Spike Duplicate	119	110
880-68153-1	BH 9 (4')	108	105
880-68153-2	BH 10 (4')	100	98
880-68153-3	BH 11 (4')	114	114
880-68153-4	BH 12 (4')	111	111
880-68153-5	BH 13 (4')	105	103
880-68153-6	BH 14 (4')	107	106
880-68153-7	BH 15 (4')	104	105
880-68153-8	BH 16 (4')	103	101
880-68153-9	SW 3	108	107
880-68153-10	SW 4	122	123
880-68153-11	SW 5	104	105
LCS 880-131630/2-A	Lab Control Sample	111	104
LCSD 880-131630/3-A	Lab Control Sample Dup	108	100
MB 880-131630/1-A	Method Blank	105	103

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131596/5-A
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131596

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				02/12/26 11:28	02/12/26 16:56	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/12/26 11:28	02/12/26 16:56	1

Lab Sample ID: MB 880-131687/5-A
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131687

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 03:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 03:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 03:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 20:00	02/13/26 03:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 20:00	02/13/26 03:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 20:00	02/13/26 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/12/26 20:00	02/13/26 03:53	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/12/26 20:00	02/13/26 03:53	1

Lab Sample ID: LCS 880-131687/1-A
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131687

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.08412		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.07964		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1695		mg/Kg		85	70 - 130
o-Xylene	0.100	0.09220		mg/Kg		92	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	108		70 - 130				
1,4-Difluorobenzene (Surr)	92		70 - 130				

Lab Sample ID: LCSD 880-131687/2-A
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131687

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.08690		mg/Kg		87	70 - 130	1	35

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-131687/2-A

Matrix: Solid

Analysis Batch: 131638

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131687

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08779		mg/Kg		88	70 - 130	4	35
Ethylbenzene	0.100	0.08239		mg/Kg		82	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1790		mg/Kg		89	70 - 130	5	35
o-Xylene	0.100	0.09814		mg/Kg		98	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-68153-1 MS

Matrix: Solid

Analysis Batch: 131638

Client Sample ID: BH 9 (4')

Prep Type: Total/NA

Prep Batch: 131687

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06001	F1	mg/Kg		60	70 - 130
Toluene	<0.00200	U F1	0.100	0.06427	F1	mg/Kg		64	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06685	F1	mg/Kg		67	70 - 130
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.1397		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.100	0.07840		mg/Kg		78	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-68153-1 MSD

Matrix: Solid

Analysis Batch: 131638

Client Sample ID: BH 9 (4')

Prep Type: Total/NA

Prep Batch: 131687

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06296	F1	mg/Kg		63	70 - 130	5	35
Toluene	<0.00200	U F1	0.100	0.06459	F1	mg/Kg		65	70 - 130	0	35
Ethylbenzene	<0.00200	U F1	0.100	0.06664	F1	mg/Kg		67	70 - 130	0	35
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.1388	F1	mg/Kg		69	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.07830		mg/Kg		78	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-131630/1-A

Matrix: Solid

Analysis Batch: 131697

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131630

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 10:21	1

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-131630/1-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131630

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 10:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:19	02/13/26 10:21	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	105		70 - 130	02/12/26 13:19	02/13/26 10:21	1
o-Terphenyl	103		70 - 130	02/12/26 13:19	02/13/26 10:21	1

Lab Sample ID: LCS 880-131630/2-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131630

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	980.7		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1148		mg/Kg		115	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	111		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-131630/3-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131630

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	1037		mg/Kg		104	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1092		mg/Kg		109	70 - 130	5	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	108		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 880-68146-A-5-D MS
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131630

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1141		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	1055		mg/Kg		101	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	121		70 - 130
o-Terphenyl	111		70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-68146-A-5-E MSD
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131630

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1136		mg/Kg		113	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	1053		mg/Kg		100	70 - 130	0	20
Surrogate	%Recovery	MSD Qualifier	MSD	Limits							
1-Chlorooctane	119			70 - 130							
o-Terphenyl	110			70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131602/1-A
Matrix: Solid
Analysis Batch: 131646

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/26 00:18	1

Lab Sample ID: LCS 880-131602/2-A
Matrix: Solid
Analysis Batch: 131646

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-131602/3-A
Matrix: Solid
Analysis Batch: 131646

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.4		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-68153-3 MS
Matrix: Solid
Analysis Batch: 131646

Client Sample ID: BH 11 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	259.1		mg/Kg		100	90 - 110

Lab Sample ID: 880-68153-3 MSD
Matrix: Solid
Analysis Batch: 131646

Client Sample ID: BH 11 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	259.2		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68153-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 131596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131596/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 131638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-1	BH 9 (4')	Total/NA	Solid	8021B	131687
880-68153-2	BH 10 (4')	Total/NA	Solid	8021B	131687
880-68153-3	BH 11 (4')	Total/NA	Solid	8021B	131687
880-68153-4	BH 12 (4')	Total/NA	Solid	8021B	131687
880-68153-5	BH 13 (4')	Total/NA	Solid	8021B	131687
880-68153-6	BH 14 (4')	Total/NA	Solid	8021B	131687
880-68153-7	BH 15 (4')	Total/NA	Solid	8021B	131687
880-68153-8	BH 16 (4')	Total/NA	Solid	8021B	131687
880-68153-9	SW 3	Total/NA	Solid	8021B	131687
880-68153-10	SW 4	Total/NA	Solid	8021B	131687
880-68153-11	SW 5	Total/NA	Solid	8021B	131687
MB 880-131596/5-A	Method Blank	Total/NA	Solid	8021B	131596
MB 880-131687/5-A	Method Blank	Total/NA	Solid	8021B	131687
LCS 880-131687/1-A	Lab Control Sample	Total/NA	Solid	8021B	131687
LCSD 880-131687/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131687
880-68153-1 MS	BH 9 (4')	Total/NA	Solid	8021B	131687
880-68153-1 MSD	BH 9 (4')	Total/NA	Solid	8021B	131687

Prep Batch: 131687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-1	BH 9 (4')	Total/NA	Solid	5035	
880-68153-2	BH 10 (4')	Total/NA	Solid	5035	
880-68153-3	BH 11 (4')	Total/NA	Solid	5035	
880-68153-4	BH 12 (4')	Total/NA	Solid	5035	
880-68153-5	BH 13 (4')	Total/NA	Solid	5035	
880-68153-6	BH 14 (4')	Total/NA	Solid	5035	
880-68153-7	BH 15 (4')	Total/NA	Solid	5035	
880-68153-8	BH 16 (4')	Total/NA	Solid	5035	
880-68153-9	SW 3	Total/NA	Solid	5035	
880-68153-10	SW 4	Total/NA	Solid	5035	
880-68153-11	SW 5	Total/NA	Solid	5035	
MB 880-131687/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131687/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131687/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68153-1 MS	BH 9 (4')	Total/NA	Solid	5035	
880-68153-1 MSD	BH 9 (4')	Total/NA	Solid	5035	

Analysis Batch: 131752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-1	BH 9 (4')	Total/NA	Solid	Total BTEX	
880-68153-2	BH 10 (4')	Total/NA	Solid	Total BTEX	
880-68153-3	BH 11 (4')	Total/NA	Solid	Total BTEX	
880-68153-4	BH 12 (4')	Total/NA	Solid	Total BTEX	
880-68153-5	BH 13 (4')	Total/NA	Solid	Total BTEX	
880-68153-6	BH 14 (4')	Total/NA	Solid	Total BTEX	
880-68153-7	BH 15 (4')	Total/NA	Solid	Total BTEX	
880-68153-8	BH 16 (4')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68153-1
 SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 131752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-9	SW 3	Total/NA	Solid	Total BTEX	
880-68153-10	SW 4	Total/NA	Solid	Total BTEX	
880-68153-11	SW 5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-1	BH 9 (4')	Total/NA	Solid	8015NM Prep	
880-68153-2	BH 10 (4')	Total/NA	Solid	8015NM Prep	
880-68153-3	BH 11 (4')	Total/NA	Solid	8015NM Prep	
880-68153-4	BH 12 (4')	Total/NA	Solid	8015NM Prep	
880-68153-5	BH 13 (4')	Total/NA	Solid	8015NM Prep	
880-68153-6	BH 14 (4')	Total/NA	Solid	8015NM Prep	
880-68153-7	BH 15 (4')	Total/NA	Solid	8015NM Prep	
880-68153-8	BH 16 (4')	Total/NA	Solid	8015NM Prep	
880-68153-9	SW 3	Total/NA	Solid	8015NM Prep	
880-68153-10	SW 4	Total/NA	Solid	8015NM Prep	
880-68153-11	SW 5	Total/NA	Solid	8015NM Prep	
MB 880-131630/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131630/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131630/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68146-A-5-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68146-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-1	BH 9 (4')	Total/NA	Solid	8015B NM	131630
880-68153-2	BH 10 (4')	Total/NA	Solid	8015B NM	131630
880-68153-3	BH 11 (4')	Total/NA	Solid	8015B NM	131630
880-68153-4	BH 12 (4')	Total/NA	Solid	8015B NM	131630
880-68153-5	BH 13 (4')	Total/NA	Solid	8015B NM	131630
880-68153-6	BH 14 (4')	Total/NA	Solid	8015B NM	131630
880-68153-7	BH 15 (4')	Total/NA	Solid	8015B NM	131630
880-68153-8	BH 16 (4')	Total/NA	Solid	8015B NM	131630
880-68153-9	SW 3	Total/NA	Solid	8015B NM	131630
880-68153-10	SW 4	Total/NA	Solid	8015B NM	131630
880-68153-11	SW 5	Total/NA	Solid	8015B NM	131630
MB 880-131630/1-A	Method Blank	Total/NA	Solid	8015B NM	131630
LCS 880-131630/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131630
LCSD 880-131630/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131630
880-68146-A-5-D MS	Matrix Spike	Total/NA	Solid	8015B NM	131630
880-68146-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131630

Analysis Batch: 131789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-1	BH 9 (4')	Total/NA	Solid	8015 NM	
880-68153-2	BH 10 (4')	Total/NA	Solid	8015 NM	
880-68153-3	BH 11 (4')	Total/NA	Solid	8015 NM	
880-68153-4	BH 12 (4')	Total/NA	Solid	8015 NM	
880-68153-5	BH 13 (4')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300Job ID: 880-68153-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131789 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-6	BH 14 (4')	Total/NA	Solid	8015 NM	
880-68153-7	BH 15 (4')	Total/NA	Solid	8015 NM	
880-68153-8	BH 16 (4')	Total/NA	Solid	8015 NM	
880-68153-9	SW 3	Total/NA	Solid	8015 NM	
880-68153-10	SW 4	Total/NA	Solid	8015 NM	
880-68153-11	SW 5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-1	BH 9 (4')	Soluble	Solid	DI Leach	
880-68153-2	BH 10 (4')	Soluble	Solid	DI Leach	
880-68153-3	BH 11 (4')	Soluble	Solid	DI Leach	
880-68153-4	BH 12 (4')	Soluble	Solid	DI Leach	
880-68153-5	BH 13 (4')	Soluble	Solid	DI Leach	
880-68153-6	BH 14 (4')	Soluble	Solid	DI Leach	
880-68153-7	BH 15 (4')	Soluble	Solid	DI Leach	
880-68153-8	BH 16 (4')	Soluble	Solid	DI Leach	
880-68153-9	SW 3	Soluble	Solid	DI Leach	
880-68153-10	SW 4	Soluble	Solid	DI Leach	
880-68153-11	SW 5	Soluble	Solid	DI Leach	
MB 880-131602/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131602/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131602/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68153-3 MS	BH 11 (4')	Soluble	Solid	DI Leach	
880-68153-3 MSD	BH 11 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 131646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68153-1	BH 9 (4')	Soluble	Solid	300.0	131602
880-68153-2	BH 10 (4')	Soluble	Solid	300.0	131602
880-68153-3	BH 11 (4')	Soluble	Solid	300.0	131602
880-68153-4	BH 12 (4')	Soluble	Solid	300.0	131602
880-68153-5	BH 13 (4')	Soluble	Solid	300.0	131602
880-68153-6	BH 14 (4')	Soluble	Solid	300.0	131602
880-68153-7	BH 15 (4')	Soluble	Solid	300.0	131602
880-68153-8	BH 16 (4')	Soluble	Solid	300.0	131602
880-68153-9	SW 3	Soluble	Solid	300.0	131602
880-68153-10	SW 4	Soluble	Solid	300.0	131602
880-68153-11	SW 5	Soluble	Solid	300.0	131602
MB 880-131602/1-A	Method Blank	Soluble	Solid	300.0	131602
LCS 880-131602/2-A	Lab Control Sample	Soluble	Solid	300.0	131602
LCSD 880-131602/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131602
880-68153-3 MS	BH 11 (4')	Soluble	Solid	300.0	131602
880-68153-3 MSD	BH 11 (4')	Soluble	Solid	300.0	131602

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Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68153-1
 SDG: Lea County New Mexico

Client Sample ID: BH 9 (4')

Lab Sample ID: 880-68153-1

Date Collected: 02/11/26 12:00

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 04:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 04:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 12:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 12:14	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 01:33	SMC	EET MID

Client Sample ID: BH 10 (4')

Lab Sample ID: 880-68153-2

Date Collected: 02/11/26 12:10

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 04:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 04:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 12:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 12:27	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 01:38	SMC	EET MID

Client Sample ID: BH 11 (4')

Lab Sample ID: 880-68153-3

Date Collected: 02/11/26 12:20

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 04:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 04:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 12:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 12:42	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 01:43	SMC	EET MID

Client Sample ID: BH 12 (4')

Lab Sample ID: 880-68153-4

Date Collected: 02/11/26 12:30

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 05:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 05:15	SA	EET MID

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Lab Chronicle

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 12 (4')

Lab Sample ID: 880-68153-4

Date Collected: 02/11/26 12:30

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			131789	02/13/26 12:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 12:56	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 01:59	SMC	EET MID

Client Sample ID: BH 13 (4')

Lab Sample ID: 880-68153-5

Date Collected: 02/11/26 12:40

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 05:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 05:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 13:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 13:10	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 02:04	SMC	EET MID

Client Sample ID: BH 14 (4')

Lab Sample ID: 880-68153-6

Date Collected: 02/11/26 12:50

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 05:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 05:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 13:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 13:25	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 02:20	SMC	EET MID

Client Sample ID: BH 15 (4')

Lab Sample ID: 880-68153-7

Date Collected: 02/11/26 13:00

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 06:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 06:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 13:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 13:39	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Client Sample ID: BH 15 (4')

Lab Sample ID: 880-68153-7

Date Collected: 02/11/26 13:00

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 02:25	SMC	EET MID

Client Sample ID: BH 16 (4')

Lab Sample ID: 880-68153-8

Date Collected: 02/11/26 13:10

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 06:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 06:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 14:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 14:07	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 02:30	SMC	EET MID

Client Sample ID: SW 3

Lab Sample ID: 880-68153-9

Date Collected: 02/11/26 13:20

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 06:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 06:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 14:21	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 02:35	SMC	EET MID

Client Sample ID: SW 4

Lab Sample ID: 880-68153-10

Date Collected: 02/11/26 13:30

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 07:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 07:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 14:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 14:35	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 02:41	SMC	EET MID

Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68153-1
 SDG: Lea County New Mexico

Client Sample ID: SW 5

Lab Sample ID: 880-68153-11

Date Collected: 02/11/26 13:40

Matrix: Solid

Date Received: 02/11/26 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131687	02/12/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 08:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131752	02/13/26 08:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			131789	02/13/26 14:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131630	02/12/26 13:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 14:49	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131602	02/12/26 11:46	SA	EET MID
Soluble	Analysis	300.0		1			131646	02/13/26 02:46	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date												
Texas	NELAP	T104704400	06-30-26												
<p>The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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Method Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68153-1
 SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68153-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-68153-1	BH 9 (4')	Solid	02/11/26 12:00	02/11/26 16:36	4'
880-68153-2	BH 10 (4')	Solid	02/11/26 12:10	02/11/26 16:36	4'
880-68153-3	BH 11 (4')	Solid	02/11/26 12:20	02/11/26 16:36	4'
880-68153-4	BH 12 (4')	Solid	02/11/26 12:30	02/11/26 16:36	4'
880-68153-5	BH 13 (4')	Solid	02/11/26 12:40	02/11/26 16:36	4'
880-68153-6	BH 14 (4')	Solid	02/11/26 12:50	02/11/26 16:36	4'
880-68153-7	BH 15 (4')	Solid	02/11/26 13:00	02/11/26 16:36	4'
880-68153-8	BH 16 (4')	Solid	02/11/26 13:10	02/11/26 16:36	4'
880-68153-9	SW 3	Solid	02/11/26 13:20	02/11/26 16:36	4'
880-68153-10	SW 4	Solid	02/11/26 13:30	02/11/26 16:36	4'
880-68153-11	SW 5	Solid	02/11/26 13:40	02/11/26 16:36	4'

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880-68153 Chain of Custody

www.xenco.com Page 1 of 2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Project Manager: Nick Hart
 Company Name: Tech Tetra
 Address: _____
 City, State ZIP: _____
 Phone: _____ Email: _____

Bill to: (if different) _____
 Company Name: _____
 Address: _____
 City, State ZIP: _____

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: _____
 Reporting: Level II Level III Level IV
 Deliverables: EDD ADaPT Other: _____

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Turn Around	Pres. Code	Parameters							Sample Comments	
Project Number:	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush										
Project Location:	Due Date:										
Sampler's Name:	TAT starts the day received by the lab, if received by 4:30pm										
PO #:											
SAMPLE RECEIPT			Temp Blank:	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	# of Cont
	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No			
Samples Received Intact:											
Cooler Custody Seals:											
Sample Custody Seals:											
Total Containers:											
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	# of Cont						
BH 9 (4')	S	2/11	1200	4	1	BTX					
BH 10 (4')	S		1210	4	1	X TRP					
BH 11 (4')	S		1220	4	1						
BH 12 (4')	S		1230	4	1						
BH 13 (4')	S		1240	4	1						
BH 14 (4')	S		1250	4	1						
BH 15 (4')	S		1300	4	1						
BH 16 (4')	S		1310	4	1						
SW 3	S		1320	4	1						
SW 4	S		1330	4	1						

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 (Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	2/11/24 16:30	<u>[Signature]</u>	<u>[Signature]</u>	2-11-26 17:00

Revised Date: 08/25/2020 Rev. 2020.2



Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-68153-1
SDG Number: Lea County New Mexico

Login Number: 68153
List Number: 1
Creator: Neeld, Linsey

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Nick Hart
 Tetra Tech Inc
 901 W Wall
 Ste 100
 Midland, Texas 79701

Generated 2/16/2026 7:33:19 PM

JOB DESCRIPTION

MCA 300
 Lea County New Mexico

JOB NUMBER

880-68250-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
2/16/2026 7:33:19 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Tetra Tech Inc
Project/Site: MCA 300

Laboratory Job ID: 880-68250-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Tetra Tech Inc
Project: MCA 300

Job ID: 880-68250-1

Job ID: 880-68250-1

Eurofins Midland

Job Narrative 880-68250-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/13/2026 12:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-131873 and analytical batch 880-131867 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW 8 (880-68250-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland



Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Client Sample ID: SW 7

Lab Sample ID: 880-68250-1

Date Collected: 02/13/26 09:30

Matrix: Solid

Date Received: 02/13/26 12:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:36	1
Ethylbenzene	0.00307		0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 09:05	02/16/26 11:36	1
o-Xylene	0.00259		0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/16/26 09:05	02/16/26 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/16/26 09:05	02/16/26 11:36	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/16/26 09:05	02/16/26 11:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00566		0.00399		mg/Kg			02/16/26 11:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	429		50.0		mg/Kg			02/16/26 14:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/26 18:24	02/16/26 14:39	1
Diesel Range Organics (Over C10-C28)	429		50.0		mg/Kg		02/15/26 18:24	02/16/26 14:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:24	02/16/26 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	02/15/26 18:24	02/16/26 14:39	1
o-Terphenyl	89		70 - 130	02/15/26 18:24	02/16/26 14:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	346		10.1		mg/Kg			02/16/26 09:08	1

Client Sample ID: SW 8

Lab Sample ID: 880-68250-2

Date Collected: 02/13/26 09:45

Matrix: Solid

Date Received: 02/13/26 12:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 09:05	02/16/26 11:56	1
Toluene	0.00339		0.00201		mg/Kg		02/16/26 09:05	02/16/26 11:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 09:05	02/16/26 11:56	1
m-Xylene & p-Xylene	0.0123		0.00402		mg/Kg		02/16/26 09:05	02/16/26 11:56	1
o-Xylene	0.0319		0.00201		mg/Kg		02/16/26 09:05	02/16/26 11:56	1
Xylenes, Total	0.0442		0.00402		mg/Kg		02/16/26 09:05	02/16/26 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	196	S1+	70 - 130	02/16/26 09:05	02/16/26 11:56	1
1,4-Difluorobenzene (Surr)	119		70 - 130	02/16/26 09:05	02/16/26 11:56	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Client Sample ID: SW 8

Lab Sample ID: 880-68250-2

Date Collected: 02/13/26 09:45

Matrix: Solid

Date Received: 02/13/26 12:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0476		0.00402		mg/Kg			02/16/26 11:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	619		49.8		mg/Kg			02/16/26 14:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/15/26 18:24	02/16/26 14:53	1
Diesel Range Organics (Over C10-C28)	619		49.8		mg/Kg		02/15/26 18:24	02/16/26 14:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:24	02/16/26 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/15/26 18:24	02/16/26 14:53	1
o-Terphenyl	110		70 - 130				02/15/26 18:24	02/16/26 14:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	438		10.0		mg/Kg			02/16/26 09:13	1

Client Sample ID: SW 9

Lab Sample ID: 880-68250-3

Date Collected: 02/13/26 10:00

Matrix: Solid

Date Received: 02/13/26 12:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/16/26 09:05	02/16/26 12:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 09:05	02/16/26 12:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 09:05	02/16/26 12:17	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 09:05	02/16/26 12:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 09:05	02/16/26 12:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 09:05	02/16/26 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/16/26 09:05	02/16/26 12:17	1
1,4-Difluorobenzene (Surr)	88		70 - 130				02/16/26 09:05	02/16/26 12:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/16/26 12:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	863		49.8		mg/Kg			02/16/26 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/15/26 18:24	02/16/26 15:08	1
Diesel Range Organics (Over C10-C28)	863		49.8		mg/Kg		02/15/26 18:24	02/16/26 15:08	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Client Sample ID: SW 9

Lab Sample ID: 880-68250-3

Date Collected: 02/13/26 10:00

Matrix: Solid

Date Received: 02/13/26 12:05

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/26 18:24	02/16/26 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/15/26 18:24	02/16/26 15:08	1
o-Terphenyl	114		70 - 130				02/15/26 18:24	02/16/26 15:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	542		9.92		mg/Kg			02/16/26 09:18	1

Client Sample ID: SW 10

Lab Sample ID: 880-68250-4

Date Collected: 02/13/26 10:25

Matrix: Solid

Date Received: 02/13/26 12:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 09:05	02/16/26 12:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 09:05	02/16/26 12:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 09:05	02/16/26 12:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 09:05	02/16/26 12:37	1
o-Xylene	0.00322		0.00199		mg/Kg		02/16/26 09:05	02/16/26 12:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 09:05	02/16/26 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				02/16/26 09:05	02/16/26 12:37	1
1,4-Difluorobenzene (Surr)	79		70 - 130				02/16/26 09:05	02/16/26 12:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/16/26 12:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	771		50.0		mg/Kg			02/16/26 15:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/26 18:24	02/16/26 15:23	1
Diesel Range Organics (Over C10-C28)	771		50.0		mg/Kg		02/15/26 18:24	02/16/26 15:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:24	02/16/26 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				02/15/26 18:24	02/16/26 15:23	1
o-Terphenyl	117		70 - 130				02/15/26 18:24	02/16/26 15:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	688		10.1		mg/Kg			02/16/26 09:24	1

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Surrogate Summary

Client: Tetra Tech Inc
Project/Site: MCA 300Job ID: 880-68250-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68250-1	SW 7	99	86
880-68250-1 MS	SW 7	108	83
880-68250-1 MSD	SW 7	128	80
880-68250-2	SW 8	196 S1+	119
880-68250-3	SW 9	105	88
880-68250-4	SW 10	114	79
LCS 880-131873/1-A	Lab Control Sample	101	97
LCS 880-131873/2-A	Lab Control Sample Dup	98	110
MB 880-131873/5-A	Method Blank	188 S1+	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68250-1	SW 7	83	89
880-68250-2	SW 8	104	110
880-68250-3	SW 9	104	114
880-68250-4	SW 10	109	117
890-9505-A-1-C MS	Matrix Spike	103	108
890-9505-A-1-D MSD	Matrix Spike Duplicate	129	107
LCS 880-131838/2-A	Lab Control Sample	113	118
LCS 880-131838/3-A	Lab Control Sample Dup	103	105
MB 880-131838/1-A	Method Blank	113	111

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131873/5-A
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131873

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 09:05	02/16/26 11:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130	02/16/26 09:05	02/16/26 11:07	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/16/26 09:05	02/16/26 11:07	1

Lab Sample ID: LCS 880-131873/1-A
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1000		mg/Kg		100	70 - 130
Toluene	0.100	0.1012		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09210		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.2152		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1204		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-131873/2-A
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1033		mg/Kg		103	70 - 130	3	35
Toluene	0.100	0.09139		mg/Kg		91	70 - 130	10	35
Ethylbenzene	0.100	0.08647		mg/Kg		86	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2007		mg/Kg		100	70 - 130	7	35
o-Xylene	0.100	0.1187		mg/Kg		119	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-68250-1 MS
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: SW 7
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08052		mg/Kg		81	70 - 130
Toluene	<0.00200	U	0.100	0.08476		mg/Kg		85	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-68250-1 MS
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: SW 7
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Ethylbenzene	0.00307		0.100	0.07706		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1558		mg/Kg		78	70 - 130
o-Xylene	0.00259		0.100	0.1003		mg/Kg		98	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 880-68250-1 MSD
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: SW 7
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	<0.00200	U	0.100	0.07417		mg/Kg		74	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.08567		mg/Kg		86	70 - 130	1	35
Ethylbenzene	0.00307		0.100	0.08567		mg/Kg		83	70 - 130	11	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1864		mg/Kg		93	70 - 130	18	35
o-Xylene	0.00259		0.100	0.09279		mg/Kg		90	70 - 130	8	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-131838/1-A
Matrix: Solid
Analysis Batch: 131907

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131838

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/26 18:24	02/16/26 09:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:24	02/16/26 09:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:24	02/16/26 09:00	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	113		70 - 130	02/15/26 18:24	02/16/26 09:00	1
o-Terphenyl	111		70 - 130	02/15/26 18:24	02/16/26 09:00	1

Lab Sample ID: LCS 880-131838/2-A
Matrix: Solid
Analysis Batch: 131907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131838

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1193		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1119		mg/Kg		112	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-131838/2-A
Matrix: Solid
Analysis Batch: 131907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131838

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	113		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-131838/3-A
Matrix: Solid
Analysis Batch: 131907

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131838

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1057		mg/Kg		106	70 - 130	12		20
Diesel Range Organics (Over C10-C28)	1000	1018		mg/Kg		102	70 - 130	9		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	103		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 890-9505-A-1-C MS
Matrix: Solid
Analysis Batch: 131907

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1232		mg/Kg		123	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1162		mg/Kg		115	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	103		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 890-9505-A-1-D MSD
Matrix: Solid
Analysis Batch: 131907

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1230		mg/Kg		123	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1166		mg/Kg		115	70 - 130	0		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	129		70 - 130
o-Terphenyl	107		70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131775/1-A
Matrix: Solid
Analysis Batch: 131796

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 08:05	1

Lab Sample ID: LCS 880-131775/2-A
Matrix: Solid
Analysis Batch: 131796

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	229.9		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-131775/3-A
Matrix: Solid
Analysis Batch: 131796

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	230.8		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-68232-A-1-B MS
Matrix: Solid
Analysis Batch: 131796

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	443		249	697.5		mg/Kg		102	90 - 110

Lab Sample ID: 880-68232-A-1-C MSD
Matrix: Solid
Analysis Batch: 131796

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	443		249	699.0		mg/Kg		103	90 - 110	0	20

QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300Job ID: 880-68250-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 131867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68250-1	SW 7	Total/NA	Solid	8021B	131873
880-68250-2	SW 8	Total/NA	Solid	8021B	131873
880-68250-3	SW 9	Total/NA	Solid	8021B	131873
880-68250-4	SW 10	Total/NA	Solid	8021B	131873
MB 880-131873/5-A	Method Blank	Total/NA	Solid	8021B	131873
LCS 880-131873/1-A	Lab Control Sample	Total/NA	Solid	8021B	131873
LCS 880-131873/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131873
880-68250-1 MS	SW 7	Total/NA	Solid	8021B	131873
880-68250-1 MSD	SW 7	Total/NA	Solid	8021B	131873

Prep Batch: 131873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68250-1	SW 7	Total/NA	Solid	5035	
880-68250-2	SW 8	Total/NA	Solid	5035	
880-68250-3	SW 9	Total/NA	Solid	5035	
880-68250-4	SW 10	Total/NA	Solid	5035	
MB 880-131873/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131873/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-131873/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68250-1 MS	SW 7	Total/NA	Solid	5035	
880-68250-1 MSD	SW 7	Total/NA	Solid	5035	

Analysis Batch: 132012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68250-1	SW 7	Total/NA	Solid	Total BTEX	
880-68250-2	SW 8	Total/NA	Solid	Total BTEX	
880-68250-3	SW 9	Total/NA	Solid	Total BTEX	
880-68250-4	SW 10	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68250-1	SW 7	Total/NA	Solid	8015NM Prep	
880-68250-2	SW 8	Total/NA	Solid	8015NM Prep	
880-68250-3	SW 9	Total/NA	Solid	8015NM Prep	
880-68250-4	SW 10	Total/NA	Solid	8015NM Prep	
MB 880-131838/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131838/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-131838/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9505-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9505-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68250-1	SW 7	Total/NA	Solid	8015B NM	131838
880-68250-2	SW 8	Total/NA	Solid	8015B NM	131838
880-68250-3	SW 9	Total/NA	Solid	8015B NM	131838
880-68250-4	SW 10	Total/NA	Solid	8015B NM	131838
MB 880-131838/1-A	Method Blank	Total/NA	Solid	8015B NM	131838
LCS 880-131838/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131838

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300Job ID: 880-68250-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-131838/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131838
890-9505-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	131838
890-9505-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131838

Analysis Batch: 131993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68250-1	SW 7	Total/NA	Solid	8015 NM	
880-68250-2	SW 8	Total/NA	Solid	8015 NM	
880-68250-3	SW 9	Total/NA	Solid	8015 NM	
880-68250-4	SW 10	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68250-1	SW 7	Soluble	Solid	DI Leach	
880-68250-2	SW 8	Soluble	Solid	DI Leach	
880-68250-3	SW 9	Soluble	Solid	DI Leach	
880-68250-4	SW 10	Soluble	Solid	DI Leach	
MB 880-131775/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131775/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131775/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68232-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68232-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 131796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68250-1	SW 7	Soluble	Solid	300.0	131775
880-68250-2	SW 8	Soluble	Solid	300.0	131775
880-68250-3	SW 9	Soluble	Solid	300.0	131775
880-68250-4	SW 10	Soluble	Solid	300.0	131775
MB 880-131775/1-A	Method Blank	Soluble	Solid	300.0	131775
LCS 880-131775/2-A	Lab Control Sample	Soluble	Solid	300.0	131775
LCSD 880-131775/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131775
880-68232-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	131775
880-68232-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131775

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Client Sample ID: SW 7

Lab Sample ID: 880-68250-1

Date Collected: 02/13/26 09:30

Matrix: Solid

Date Received: 02/13/26 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131873	02/16/26 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131867	02/16/26 11:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132012	02/16/26 11:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			131993	02/16/26 14:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131838	02/15/26 18:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131907	02/16/26 14:39	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131775	02/13/26 14:17	SI	EET MID
Soluble	Analysis	300.0		1			131796	02/16/26 09:08	CS	EET MID

Client Sample ID: SW 8

Lab Sample ID: 880-68250-2

Date Collected: 02/13/26 09:45

Matrix: Solid

Date Received: 02/13/26 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	131873	02/16/26 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131867	02/16/26 11:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132012	02/16/26 11:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			131993	02/16/26 14:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131838	02/15/26 18:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131907	02/16/26 14:53	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131775	02/13/26 14:17	SI	EET MID
Soluble	Analysis	300.0		1			131796	02/16/26 09:13	CS	EET MID

Client Sample ID: SW 9

Lab Sample ID: 880-68250-3

Date Collected: 02/13/26 10:00

Matrix: Solid

Date Received: 02/13/26 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131873	02/16/26 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131867	02/16/26 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132012	02/16/26 12:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			131993	02/16/26 15:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131838	02/15/26 18:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131907	02/16/26 15:08	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131775	02/13/26 14:17	SI	EET MID
Soluble	Analysis	300.0		1			131796	02/16/26 09:18	CS	EET MID

Client Sample ID: SW 10

Lab Sample ID: 880-68250-4

Date Collected: 02/13/26 10:25

Matrix: Solid

Date Received: 02/13/26 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131873	02/16/26 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131867	02/16/26 12:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132012	02/16/26 12:37	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Client Sample ID: SW 10

Lab Sample ID: 880-68250-4

Date Collected: 02/13/26 10:25

Matrix: Solid

Date Received: 02/13/26 12:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			131993	02/16/26 15:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131838	02/15/26 18:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131907	02/16/26 15:23	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131775	02/13/26 14:17	SI	EET MID
Soluble	Analysis	300.0		1			131796	02/16/26 09:24	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68250-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68250-1	SW 7	Solid	02/13/26 09:30	02/13/26 12:05	Texas
880-68250-2	SW 8	Solid	02/13/26 09:45	02/13/26 12:05	Texas
880-68250-3	SW 9	Solid	02/13/26 10:00	02/13/26 12:05	Texas
880-68250-4	SW 10	Solid	02/13/26 10:25	02/13/26 12:05	Texas

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Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-68250-1
SDG Number: Lea County New Mexico

Login Number: 68250
List Number: 1
Creator: Neeld, Linsey

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Nick Hart
 Tetra Tech Inc
 901 W Wall
 Ste 100
 Midland, Texas 79701

Generated 2/18/2026 4:18:42 PM

JOB DESCRIPTION

MCA 300
 212C-MD-03936

JOB NUMBER

880-68478-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Tetra Tech Inc
Project/Site: MCA 300

Laboratory Job ID: 880-68478-1
SDG: 212C-MD-03936

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Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Tetra Tech Inc
Project: MCA 300

Job ID: 880-68478-1

Job ID: 880-68478-1

Eurofins Midland

Job Narrative 880-68478-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/17/2026 4:44 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH-6(5') (880-68478-1), BH-8(5') (880-68478-2), SW-9 (880-68478-3) and SW-10 (880-68478-4).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-132151/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-132152/2-A) and (LCSD 880-132152/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: BH-8(5') (880-68478-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132151 and analytical batch 880-132179 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132152 and analytical batch 880-132177 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Client Sample ID: BH-6(5')

Lab Sample ID: 880-68478-1

Date Collected: 02/17/26 11:35

Matrix: Solid

Date Received: 02/17/26 16:44

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 13:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:53	02/18/26 13:27	1
Ethylbenzene	0.00449		0.00201		mg/Kg		02/18/26 10:53	02/18/26 13:27	1
m-Xylene & p-Xylene	0.00944		0.00402		mg/Kg		02/18/26 10:53	02/18/26 13:27	1
o-Xylene	0.00702		0.00201		mg/Kg		02/18/26 10:53	02/18/26 13:27	1
Xylenes, Total	0.0165		0.00402		mg/Kg		02/18/26 10:53	02/18/26 13:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/18/26 10:53	02/18/26 13:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/18/26 10:53	02/18/26 13:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0210		0.00402		mg/Kg			02/18/26 13:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	929		49.9		mg/Kg			02/18/26 09:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/18/26 08:11	02/18/26 09:59	1
Diesel Range Organics (Over C10-C28)	874	F1	49.9		mg/Kg		02/18/26 08:11	02/18/26 09:59	1
Oil Range Organics (Over C28-C36)	55.0		49.9		mg/Kg		02/18/26 08:11	02/18/26 09:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	02/18/26 08:11	02/18/26 09:59	1
o-Terphenyl	117		70 - 130	02/18/26 08:11	02/18/26 09:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		10.1		mg/Kg			02/18/26 09:28	1

Client Sample ID: BH-8(5')

Lab Sample ID: 880-68478-2

Date Collected: 02/17/26 11:38

Matrix: Solid

Date Received: 02/17/26 16:44

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 13:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:53	02/18/26 13:48	1
Ethylbenzene	0.00510		0.00202		mg/Kg		02/18/26 10:53	02/18/26 13:48	1
m-Xylene & p-Xylene	0.0121		0.00404		mg/Kg		02/18/26 10:53	02/18/26 13:48	1
o-Xylene	0.189		0.00202		mg/Kg		02/18/26 10:53	02/18/26 13:48	1
Xylenes, Total	0.201		0.00404		mg/Kg		02/18/26 10:53	02/18/26 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/18/26 10:53	02/18/26 13:48	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/18/26 10:53	02/18/26 13:48	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Client Sample ID: BH-8(5')

Lab Sample ID: 880-68478-2

Date Collected: 02/17/26 11:38

Matrix: Solid

Date Received: 02/17/26 16:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.206		0.00404		mg/Kg			02/18/26 13:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1390		50.0		mg/Kg			02/18/26 09:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/18/26 08:16	02/18/26 09:59	1
Diesel Range Organics (Over C10-C28)	1250	F1	50.0		mg/Kg		02/18/26 08:16	02/18/26 09:59	1
Oil Range Organics (Over C28-C36)	144		50.0		mg/Kg		02/18/26 08:16	02/18/26 09:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/18/26 08:16	02/18/26 09:59	1
o-Terphenyl	136	S1+	70 - 130				02/18/26 08:16	02/18/26 09:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		9.96		mg/Kg			02/18/26 09:34	1

Client Sample ID: SW-9

Lab Sample ID: 880-68478-3

Date Collected: 02/17/26 11:41

Matrix: Solid

Date Received: 02/17/26 16:44

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 14:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 14:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:53	02/18/26 14:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 10:53	02/18/26 14:08	1
o-Xylene	0.271		0.00199		mg/Kg		02/18/26 10:53	02/18/26 14:08	1
Xylenes, Total	0.271		0.00398		mg/Kg		02/18/26 10:53	02/18/26 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				02/18/26 10:53	02/18/26 14:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/18/26 10:53	02/18/26 14:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.271		0.00398		mg/Kg			02/18/26 14:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/18/26 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/18/26 08:16	02/18/26 10:41	1

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Client Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Client Sample ID: SW-9

Lab Sample ID: 880-68478-3

Date Collected: 02/17/26 11:41

Matrix: Solid

Date Received: 02/17/26 16:44

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/18/26 08:16	02/18/26 10:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/18/26 08:16	02/18/26 10:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/18/26 08:16	02/18/26 10:41	1
o-Terphenyl	106		70 - 130				02/18/26 08:16	02/18/26 10:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		9.92		mg/Kg			02/18/26 09:57	1

Client Sample ID: SW-10

Lab Sample ID: 880-68478-4

Date Collected: 02/17/26 11:43

Matrix: Solid

Date Received: 02/17/26 16:44

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:53	02/18/26 14:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:53	02/18/26 14:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:53	02/18/26 14:28	1
m-Xylene & p-Xylene	0.00545		0.00396		mg/Kg		02/18/26 10:53	02/18/26 14:28	1
o-Xylene	0.0213		0.00198		mg/Kg		02/18/26 10:53	02/18/26 14:28	1
Xylenes, Total	0.0268		0.00396		mg/Kg		02/18/26 10:53	02/18/26 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/18/26 10:53	02/18/26 14:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/18/26 10:53	02/18/26 14:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0268		0.00396		mg/Kg			02/18/26 14:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/18/26 10:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/18/26 08:16	02/18/26 10:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/18/26 08:16	02/18/26 10:55	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/18/26 08:16	02/18/26 10:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				02/18/26 08:16	02/18/26 10:55	1
o-Terphenyl	105		70 - 130				02/18/26 08:16	02/18/26 10:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		10.1		mg/Kg			02/18/26 10:02	1

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Surrogate Summary

Client: Tetra Tech Inc
Project/Site: MCA 300Job ID: 880-68478-1
SDG: 212C-MD-03936

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68287-A-31-F MS	Matrix Spike	106	96
880-68287-A-31-G MSD	Matrix Spike Duplicate	102	97
880-68478-1	BH-6(5')	120	100
880-68478-2	BH-8(5')	108	92
880-68478-3	SW-9	120	101
880-68478-4	SW-10	110	94
LCS 880-132216/1-A	Lab Control Sample	99	99
LCSD 880-132216/2-A	Lab Control Sample Dup	100	99
MB 880-132216/5-A	Method Blank	103	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68478-1	BH-6(5')	97	117
880-68478-1 MS	BH-6(5')	105	113
880-68478-1 MSD	BH-6(5')	104	115
880-68478-2	BH-8(5')	111	136 S1+
880-68478-2 MS	BH-8(5')	117	127
880-68478-2 MSD	BH-8(5')	118	128
880-68478-3	SW-9	105	106
880-68478-4	SW-10	102	105
LCS 880-132151/2-A	Lab Control Sample	144 S1+	141 S1+
LCS 880-132152/2-A	Lab Control Sample	153 S1+	136 S1+
LCSD 880-132151/3-A	Lab Control Sample Dup	128	124
LCSD 880-132152/3-A	Lab Control Sample Dup	156 S1+	139 S1+
MB 880-132151/1-A	Method Blank	113	127
MB 880-132152/1-A	Method Blank	113	123

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132216/5-A
Matrix: Solid
Analysis Batch: 132159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132216

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/18/26 07:00	02/18/26 11:03	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/18/26 07:00	02/18/26 11:03	1

Lab Sample ID: LCS 880-132216/1-A
Matrix: Solid
Analysis Batch: 132159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09166		mg/Kg		92	70 - 130
Toluene	0.100	0.08575		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.09114		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1822		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09159		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-132216/2-A
Matrix: Solid
Analysis Batch: 132159

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132216

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09683		mg/Kg		97	70 - 130	5	35
Toluene	0.100	0.08813		mg/Kg		88	70 - 130	3	35
Ethylbenzene	0.100	0.09603		mg/Kg		96	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1911		mg/Kg		96	70 - 130	5	35
o-Xylene	0.100	0.09480		mg/Kg		95	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-68287-A-31-F MS
Matrix: Solid
Analysis Batch: 132159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09820		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.100	0.09271		mg/Kg		93	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-68287-A-31-F MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132159

Prep Batch: 132216

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.09888		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1987		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09904		mg/Kg		99	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-68287-A-31-G MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132159

Prep Batch: 132216

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09757		mg/Kg		98	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09110		mg/Kg		91	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09915		mg/Kg		99	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1984		mg/Kg		99	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.09822		mg/Kg		98	70 - 130	1	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-132151/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132179

Prep Batch: 132151

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/18/26 08:11	02/18/26 07:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/18/26 08:11	02/18/26 07:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/18/26 08:11	02/18/26 07:44	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	113		70 - 130	02/18/26 08:11	02/18/26 07:44	1
o-Terphenyl	127		70 - 130	02/18/26 08:11	02/18/26 07:44	1

Lab Sample ID: LCS 880-132151/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132179

Prep Batch: 132151

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	992.1		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	968.1		mg/Kg		97	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-132151/2-A
Matrix: Solid
Analysis Batch: 132179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132151

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	144	S1+	70 - 130
o-Terphenyl	141	S1+	70 - 130

Lab Sample ID: LCSD 880-132151/3-A
Matrix: Solid
Analysis Batch: 132179

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132151

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	923.6		mg/Kg		92	70 - 130	7		20
Diesel Range Organics (Over C10-C28)	1000	888.6		mg/Kg		89	70 - 130	9		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	128		70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: 880-68478-1 MS
Matrix: Solid
Analysis Batch: 132179

Client Sample ID: BH-6(5')
Prep Type: Total/NA
Prep Batch: 132151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	882.8		mg/Kg		86	70 - 130	
Diesel Range Organics (Over C10-C28)	874	F1	999	1335	F1	mg/Kg		46	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	105		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: 880-68478-1 MSD
Matrix: Solid
Analysis Batch: 132179

Client Sample ID: BH-6(5')
Prep Type: Total/NA
Prep Batch: 132151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	873.1		mg/Kg		86	70 - 130	1
Diesel Range Organics (Over C10-C28)	874	F1	996	1331	F1	mg/Kg		46	70 - 130	0

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	104		70 - 130
o-Terphenyl	115		70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-132152/1-A
Matrix: Solid
Analysis Batch: 132177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132152

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/18/26 08:16	02/18/26 07:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/18/26 08:16	02/18/26 07:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/18/26 08:16	02/18/26 07:44	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	113		70 - 130				02/18/26 08:16	02/18/26 07:44	1
o-Terphenyl	123		70 - 130				02/18/26 08:16	02/18/26 07:44	1

Lab Sample ID: LCS 880-132152/2-A
Matrix: Solid
Analysis Batch: 132177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132152

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1225		mg/Kg		122	70 - 130
Surrogate	LCS	LCS	Limits				%Rec
	%Recovery	Qualifier					
1-Chlorooctane	153	S1+	70 - 130				
o-Terphenyl	136	S1+	70 - 130				

Lab Sample ID: LCSD 880-132152/3-A
Matrix: Solid
Analysis Batch: 132177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132152

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1274		mg/Kg		127	70 - 130	4	20
Surrogate	LCSD	LCSD	Limits			%Rec	%Rec	RPD	Limit
	%Recovery	Qualifier							
1-Chlorooctane	156	S1+	70 - 130						
o-Terphenyl	139	S1+	70 - 130						

Lab Sample ID: 880-68478-2 MS
Matrix: Solid
Analysis Batch: 132177

Client Sample ID: BH-8(5')
Prep Type: Total/NA
Prep Batch: 132152

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	861.7		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	1250	F1	995	1640	F1	mg/Kg		39	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-68478-2 MS
Matrix: Solid
Analysis Batch: 132177

Client Sample ID: BH-8(5')
Prep Type: Total/NA
Prep Batch: 132152

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	127		70 - 130

Lab Sample ID: 880-68478-2 MSD
Matrix: Solid
Analysis Batch: 132177

Client Sample ID: BH-8(5')
Prep Type: Total/NA
Prep Batch: 132152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	864.2		mg/Kg		84	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1250	F1	995	1662	F1	mg/Kg		42	70 - 130	1		20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	128		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132149/1-A
Matrix: Solid
Analysis Batch: 132153

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/18/26 08:43	1

Lab Sample ID: LCS 880-132149/2-A
Matrix: Solid
Analysis Batch: 132153

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	227.6		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-132149/3-A
Matrix: Solid
Analysis Batch: 132153

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	250	229.7		mg/Kg		92	90 - 110	1	20

Lab Sample ID: 880-68420-A-1-B MS
Matrix: Solid
Analysis Batch: 132153

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	169		249	394.0		mg/Kg		91	90 - 110

QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68420-A-1-C MSD
Matrix: Solid
Analysis Batch: 132153

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	169		249	395.9		mg/Kg		91	90 - 110	0	20

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QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300Job ID: 880-68478-1
SDG: 212C-MD-03936

GC VOA

Analysis Batch: 132159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-1	BH-6(5')	Total/NA	Solid	8021B	132216
880-68478-2	BH-8(5')	Total/NA	Solid	8021B	132216
880-68478-3	SW-9	Total/NA	Solid	8021B	132216
880-68478-4	SW-10	Total/NA	Solid	8021B	132216
MB 880-132216/5-A	Method Blank	Total/NA	Solid	8021B	132216
LCS 880-132216/1-A	Lab Control Sample	Total/NA	Solid	8021B	132216
LCSD 880-132216/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132216
880-68287-A-31-F MS	Matrix Spike	Total/NA	Solid	8021B	132216
880-68287-A-31-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132216

Prep Batch: 132216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-1	BH-6(5')	Total/NA	Solid	5035	
880-68478-2	BH-8(5')	Total/NA	Solid	5035	
880-68478-3	SW-9	Total/NA	Solid	5035	
880-68478-4	SW-10	Total/NA	Solid	5035	
MB 880-132216/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132216/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132216/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68287-A-31-F MS	Matrix Spike	Total/NA	Solid	5035	
880-68287-A-31-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-1	BH-6(5')	Total/NA	Solid	Total BTEX	
880-68478-2	BH-8(5')	Total/NA	Solid	Total BTEX	
880-68478-3	SW-9	Total/NA	Solid	Total BTEX	
880-68478-4	SW-10	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 132151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-1	BH-6(5')	Total/NA	Solid	8015NM Prep	
MB 880-132151/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132151/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132151/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68478-1 MS	BH-6(5')	Total/NA	Solid	8015NM Prep	
880-68478-1 MSD	BH-6(5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 132152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-2	BH-8(5')	Total/NA	Solid	8015NM Prep	
880-68478-3	SW-9	Total/NA	Solid	8015NM Prep	
880-68478-4	SW-10	Total/NA	Solid	8015NM Prep	
MB 880-132152/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132152/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132152/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68478-2 MS	BH-8(5')	Total/NA	Solid	8015NM Prep	
880-68478-2 MSD	BH-8(5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300Job ID: 880-68478-1
SDG: 212C-MD-03936

GC Semi VOA

Analysis Batch: 132177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-2	BH-8(5')	Total/NA	Solid	8015B NM	132152
880-68478-3	SW-9	Total/NA	Solid	8015B NM	132152
880-68478-4	SW-10	Total/NA	Solid	8015B NM	132152
MB 880-132152/1-A	Method Blank	Total/NA	Solid	8015B NM	132152
LCS 880-132152/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132152
LCSD 880-132152/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132152
880-68478-2 MS	BH-8(5')	Total/NA	Solid	8015B NM	132152
880-68478-2 MSD	BH-8(5')	Total/NA	Solid	8015B NM	132152

Analysis Batch: 132179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-1	BH-6(5')	Total/NA	Solid	8015B NM	132151
MB 880-132151/1-A	Method Blank	Total/NA	Solid	8015B NM	132151
LCS 880-132151/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132151
LCSD 880-132151/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132151
880-68478-1 MS	BH-6(5')	Total/NA	Solid	8015B NM	132151
880-68478-1 MSD	BH-6(5')	Total/NA	Solid	8015B NM	132151

Analysis Batch: 132223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-1	BH-6(5')	Total/NA	Solid	8015 NM	
880-68478-2	BH-8(5')	Total/NA	Solid	8015 NM	
880-68478-3	SW-9	Total/NA	Solid	8015 NM	
880-68478-4	SW-10	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-1	BH-6(5')	Soluble	Solid	DI Leach	
880-68478-2	BH-8(5')	Soluble	Solid	DI Leach	
880-68478-3	SW-9	Soluble	Solid	DI Leach	
880-68478-4	SW-10	Soluble	Solid	DI Leach	
MB 880-132149/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132149/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132149/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68420-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68420-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 132153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68478-1	BH-6(5')	Soluble	Solid	300.0	132149
880-68478-2	BH-8(5')	Soluble	Solid	300.0	132149
880-68478-3	SW-9	Soluble	Solid	300.0	132149
880-68478-4	SW-10	Soluble	Solid	300.0	132149
MB 880-132149/1-A	Method Blank	Soluble	Solid	300.0	132149
LCS 880-132149/2-A	Lab Control Sample	Soluble	Solid	300.0	132149
LCSD 880-132149/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132149
880-68420-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	132149
880-68420-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132149

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Client Sample ID: BH-6(5')

Lab Sample ID: 880-68478-1

Date Collected: 02/17/26 11:35

Matrix: Solid

Date Received: 02/17/26 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 13:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132280	02/18/26 13:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			132223	02/18/26 09:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132151	02/18/26 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132179	02/18/26 09:59	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132149	02/18/26 07:47	SI	EET MID
Soluble	Analysis	300.0		1			132153	02/18/26 09:28	CS	EET MID

Client Sample ID: BH-8(5')

Lab Sample ID: 880-68478-2

Date Collected: 02/17/26 11:38

Matrix: Solid

Date Received: 02/17/26 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132280	02/18/26 13:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			132223	02/18/26 09:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132152	02/18/26 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132177	02/18/26 09:59	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132149	02/18/26 07:47	SI	EET MID
Soluble	Analysis	300.0		1			132153	02/18/26 09:34	CS	EET MID

Client Sample ID: SW-9

Lab Sample ID: 880-68478-3

Date Collected: 02/17/26 11:41

Matrix: Solid

Date Received: 02/17/26 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132280	02/18/26 14:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			132223	02/18/26 10:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132152	02/18/26 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132177	02/18/26 10:41	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	132149	02/18/26 07:47	SI	EET MID
Soluble	Analysis	300.0		1			132153	02/18/26 09:57	CS	EET MID

Client Sample ID: SW-10

Lab Sample ID: 880-68478-4

Date Collected: 02/17/26 11:43

Matrix: Solid

Date Received: 02/17/26 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	132216	02/18/26 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132159	02/18/26 14:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132280	02/18/26 14:28	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68478-1
 SDG: 212C-MD-03936

Client Sample ID: SW-10

Lab Sample ID: 880-68478-4

Date Collected: 02/17/26 11:43

Matrix: Solid

Date Received: 02/17/26 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			132223	02/18/26 10:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132152	02/18/26 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132177	02/18/26 10:55	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132149	02/18/26 07:47	SI	EET MID
Soluble	Analysis	300.0		1			132153	02/18/26 10:02	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68478-1
 SDG: 212C-MD-03936

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68478-1
SDG: 212C-MD-03936

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68478-1	BH-6(5')	Solid	02/17/26 11:35	02/17/26 16:44	Texas
880-68478-2	BH-8(5')	Solid	02/17/26 11:38	02/17/26 16:44	Texas
880-68478-3	SW-9	Solid	02/17/26 11:41	02/17/26 16:44	Texas
880-68478-4	SW-10	Solid	02/17/26 11:43	02/17/26 16:44	Texas

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Tetra Tech, Inc.

Analysis Request of Chain of Custody Record

901 W. Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 892-4559
Fax (432) 892-3946



Client Name: Diversified Site Manager: Nick Hart
 Project Name: MCA 300 Nick.Hart1@tetratech.com
 Project #: 212C-MD-03936
 Location: Lea County NM
 Contact: ATTN: Nick Hart
 Laboratory: Eurofins
 Sampler Signature: Joel Van Buskirk (575)552-1209

Include: Chris Straub chris.straub@tetratech.com / Nick Hart Nick.hart1@tetratech.com

LAB #	SAMPLE IDENTIFICATION	SAMPLING		MATRIX				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃		
BH-6 (5')		2/17/2026	11:35	X					1
BH-8 (5')		2/17/2026	11:38	X					1
SW-9		2/17/2026	11:41	X					1
SW-10		2/17/2026	11:43	X					1

Acquired by: [Signature] Date: 2-17-26 Time: 16:44
 Received by: [Signature] Date: 2-17-26 Time: 16:44
 Acquired by: [Signature] Date: 2-17-26 Time: 17:00
 Received by: [Signature] Date: 2-17-26 Time: 17:00

ANALYSIS REQUEST

(Circle or Specify Method No.)

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

LAB USE ONLY
 Sample Temperature: 5.3
 REMARKS: Standard
 RUSH: Same Day 24 hr 48 hr 72 hr
 Rush Charges Authorized
 Special Report Limits or TRRP Report

ORIGINAL COPY

Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-68478-1
SDG Number: 212C-MD-03936

Login Number: 68478
List Number: 1
Creator: Juarez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Nick Hart
 Tetra Tech Inc
 901 W Wall
 Ste 100
 Midland, Texas 79701

Generated 2/20/2026 4:58:43 PM

JOB DESCRIPTION

MCA 300
 Lea County New Mexico

JOB NUMBER

880-68573-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Tetra Tech Inc
Project/Site: MCA 300

Laboratory Job ID: 880-68573-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68573-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Tetra Tech Inc
Project: MCA 300

Job ID: 880-68573-1

Job ID: 880-68573-1

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Job Narrative 880-68573-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 2/19/2026 2:15 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-132147 and analytical batch 880-132449 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-132147/2-A) and (LCSD 880-132147/3-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68573-1
 SDG: Lea County New Mexico

Client Sample ID: BBH-8 (6')

Lab Sample ID: 880-68573-1

Date Collected: 02/19/26 11:30

Matrix: Solid

Date Received: 02/19/26 14:15

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:25	02/20/26 13:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:25	02/20/26 13:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:25	02/20/26 13:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/20/26 10:25	02/20/26 13:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:25	02/20/26 13:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/20/26 10:25	02/20/26 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/20/26 10:25	02/20/26 13:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/20/26 10:25	02/20/26 13:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/20/26 13:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/20/26 14:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/26 18:07	02/20/26 14:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/26 18:07	02/20/26 14:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/26 18:07	02/20/26 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	02/17/26 18:07	02/20/26 14:20	1
o-Terphenyl	102		70 - 130	02/17/26 18:07	02/20/26 14:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/20/26 08:49	1

Surrogate Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68573-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-68334-A-3-D MS	Matrix Spike	104	94
880-68334-A-3-E MSD	Matrix Spike Duplicate	109	88
880-68573-1	BBH-8 (6')	99	96
LCS 880-132485/1-A	Lab Control Sample	102	93
LCSD 880-132485/2-A	Lab Control Sample Dup	106	91
MB 880-132485/5-A	Method Blank	100	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-68435-A-5-B MS	Matrix Spike	130	121
880-68435-A-5-C MSD	Matrix Spike Duplicate	127	120
880-68573-1	BBH-8 (6')	94	102
LCS 880-132147/2-A	Lab Control Sample	132 S1+	129
LCSD 880-132147/3-A	Lab Control Sample Dup	131 S1+	127
MB 880-132147/1-A	Method Blank	128	149 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68573-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132485/5-A
Matrix: Solid
Analysis Batch: 132453

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:25	02/20/26 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:25	02/20/26 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:25	02/20/26 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/20/26 10:25	02/20/26 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:25	02/20/26 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/20/26 10:25	02/20/26 11:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/20/26 10:25	02/20/26 11:42	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/20/26 10:25	02/20/26 11:42	1

Lab Sample ID: LCS 880-132485/1-A
Matrix: Solid
Analysis Batch: 132453

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08343		mg/Kg		83	70 - 130
Toluene	0.100	0.08987		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.07597		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1523		mg/Kg		76	70 - 130
o-Xylene	0.100	0.07654		mg/Kg		77	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-132485/2-A
Matrix: Solid
Analysis Batch: 132453

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132485

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08495		mg/Kg		85	70 - 130	2	35
Toluene	0.100	0.09765		mg/Kg		98	70 - 130	8	35
Ethylbenzene	0.100	0.08950		mg/Kg		90	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.1836		mg/Kg		92	70 - 130	19	35
o-Xylene	0.100	0.09143		mg/Kg		91	70 - 130	18	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-68334-A-3-D MS
Matrix: Solid
Analysis Batch: 132453

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132485

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08521		mg/Kg		85	70 - 130
Toluene	<0.00200	U	0.100	0.1004		mg/Kg		100	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68573-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-68334-A-3-D MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132453

Prep Batch: 132485

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.09271		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1918		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.100	0.09454		mg/Kg		95	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-68334-A-3-E MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132453

Prep Batch: 132485

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.08071		mg/Kg		81	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.09910		mg/Kg		99	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09353		mg/Kg		94	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1960		mg/Kg		98	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.09635		mg/Kg		96	70 - 130	2	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-132147/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132449

Prep Batch: 132147

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/26 18:07	02/20/26 07:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/26 18:07	02/20/26 07:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/26 18:07	02/20/26 07:52	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	128		70 - 130	02/17/26 18:07	02/20/26 07:52	1
o-Terphenyl	149	S1+	70 - 130	02/17/26 18:07	02/20/26 07:52	1

Lab Sample ID: LCS 880-132147/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132449

Prep Batch: 132147

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	983.0		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	970.4		mg/Kg		97	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68573-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-132147/2-A

Matrix: Solid

Analysis Batch: 132449

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132147

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	132	S1+	70 - 130
o-Terphenyl	129		70 - 130

Lab Sample ID: LCSD 880-132147/3-A

Matrix: Solid

Analysis Batch: 132449

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132147

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1002		mg/Kg		100	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	1000	923.9		mg/Kg		92	70 - 130	5		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	127		70 - 130

Lab Sample ID: 880-68435-A-5-B MS

Matrix: Solid

Analysis Batch: 132449

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1103		mg/Kg		110	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	837.8		mg/Kg		84	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	130		70 - 130
o-Terphenyl	121		70 - 130

Lab Sample ID: 880-68435-A-5-C MSD

Matrix: Solid

Analysis Batch: 132449

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1107		mg/Kg		111	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	811.1		mg/Kg		81	70 - 130	3		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	127		70 - 130
o-Terphenyl	120		70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68573-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132431/1-A
Matrix: Solid
Analysis Batch: 132440

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/20/26 08:01	1

Lab Sample ID: LCS 880-132431/2-A
Matrix: Solid
Analysis Batch: 132440

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-132431/3-A
Matrix: Solid
Analysis Batch: 132440

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	239.8		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-68557-A-1-G MS
Matrix: Solid
Analysis Batch: 132440

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	278		249	502.3		mg/Kg		90	90 - 110

Lab Sample ID: 880-68557-A-1-H MSD
Matrix: Solid
Analysis Batch: 132440

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	278		249	504.2		mg/Kg		91	90 - 110	0	20

QC Association Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68573-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68573-1	BBH-8 (6')	Total/NA	Solid	8021B	132485
MB 880-132485/5-A	Method Blank	Total/NA	Solid	8021B	132485
LCS 880-132485/1-A	Lab Control Sample	Total/NA	Solid	8021B	132485
LCSD 880-132485/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132485
880-68334-A-3-D MS	Matrix Spike	Total/NA	Solid	8021B	132485
880-68334-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132485

Prep Batch: 132485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68573-1	BBH-8 (6')	Total/NA	Solid	5035	
MB 880-132485/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132485/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132485/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68334-A-3-D MS	Matrix Spike	Total/NA	Solid	5035	
880-68334-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68573-1	BBH-8 (6')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 132147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68573-1	BBH-8 (6')	Total/NA	Solid	8015NM Prep	
MB 880-132147/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132147/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68435-A-5-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68435-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68573-1	BBH-8 (6')	Total/NA	Solid	8015B NM	132147
MB 880-132147/1-A	Method Blank	Total/NA	Solid	8015B NM	132147
LCS 880-132147/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132147
LCSD 880-132147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132147
880-68435-A-5-B MS	Matrix Spike	Total/NA	Solid	8015B NM	132147
880-68435-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	132147

Analysis Batch: 132613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68573-1	BBH-8 (6')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68573-1	BBH-8 (6')	Soluble	Solid	DI Leach	
MB 880-132431/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132431/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132431/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68573-1
 SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 132431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68557-A-1-G MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68557-A-1-H MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 132440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68573-1	BBH-8 (6')	Soluble	Solid	300.0	132431
MB 880-132431/1-A	Method Blank	Soluble	Solid	300.0	132431
LCS 880-132431/2-A	Lab Control Sample	Soluble	Solid	300.0	132431
LCSD 880-132431/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132431
880-68557-A-1-G MS	Matrix Spike	Soluble	Solid	300.0	132431
880-68557-A-1-H MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132431



Lab Chronicle

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68573-1
 SDG: Lea County New Mexico

Client Sample ID: BBH-8 (6')

Lab Sample ID: 880-68573-1

Date Collected: 02/19/26 11:30

Matrix: Solid

Date Received: 02/19/26 14:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	132485	02/20/26 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132453	02/20/26 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132603	02/20/26 13:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			132613	02/20/26 14:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132147	02/17/26 18:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132449	02/20/26 14:20	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	132431	02/20/26 07:46	SA	EET MID
Soluble	Analysis	300.0		1			132440	02/20/26 08:49	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68573-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Tetra Tech Inc
 Project/Site: MCA 300

Job ID: 880-68573-1
 SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Tetra Tech Inc
Project/Site: MCA 300

Job ID: 880-68573-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68573-1	BBH-8 (6')	Solid	02/19/26 11:30	02/19/26 14:15	Texas

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Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-68573-1
SDG Number: Lea County New Mexico

Login Number: 68573
List Number: 1
Creator: Neeld, Linsey

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Remediation Closure Request
MCA Unit #300 Release
Incident ID# nAPP2521053965

Maverick Permian, LLC
March 25, 2026

ATTACHMENT 4 – SEED MIXTURE

NMSLO Seed Mix

Sandy (S)

SANDY (S) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Sand bluestem	Elida, VNS, So.	2.0	F
Little bluestem	Cimarron, Pastura	3.0	F
Black grama	VNS, Southern	1.0	D
Sand dropseed	VNS, Southern	4.0	S
Plains bristlegrass	VNS, Southern	2.0	D
Forbs:			
Firewheel (Gaillardia)	VNS, Southern	1.0	D
Annual Sunflower	VNS, Southern	1.0	D
Shrubs:			
Fourwing Saltbush	VNS, Southern	1.0	F
		Total PLS/acre	16.0

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
 VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



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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 566467

QUESTIONS

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 566467
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2521053965
Incident Name	NAPP2521053965 MCA UNIT #300 @ 30-025-23984
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-23984] MCA UNIT #300

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	MCA Unit #300
Date Release Discovered	07/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Pipeline (Any) Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 8 BBL Recovered: 0 BBL Lost: 8 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On July 28, 2025, Maverick operations identified that the MCA Unit #300 flowline had developed a leak due to corrosion, leading to a release of 8 bbls of produced water and 2 bbls of oil into the pasture. No fluids were recoverable during the initial response.

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QUESTIONS, Page 2

Action 566467

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 566467
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 03/25/2026
--	--

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QUESTIONS, Page 3

Action 566467

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 566467
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 75 and 100 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (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)	5410
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	29070
GRO+DRO (EPA SW-846 Method 8015M)	29070
BTEX (EPA SW-846 Method 8021B or 8260B)	73
Benzene (EPA SW-846 Method 8021B or 8260B)	2

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	02/11/2026
On what date will (or did) the final sampling or liner inspection occur	02/18/2026
On what date will (or was) the remediation complete(d)	02/19/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	3573
What is the estimated volume (in cubic yards) that will be remediated	664

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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QUESTIONS, Page 4

Action 566467

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 566467
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
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: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 03/25/2026
--	--

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

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QUESTIONS, Page 5

Action 566467

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 566467
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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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QUESTIONS, Page 6

Action 566467

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 566467
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	553290
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/18/2026
What was the (estimated) number of samples that were to be gathered	4
What was the sampling surface area in square feet	800

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3573
What was the total volume (cubic yards) remediated	664
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	None

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

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

I hereby agree and sign off to the above statement	Name: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 03/25/2026
--	---

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QUESTIONS, Page 7

Action 566467

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 566467
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 566467

CONDITIONS

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID:	331199
	Action Number:	566467
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved	3/30/2026
michael.buchanan	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC.	3/30/2026
michael.buchanan	It is noted that multiple sampling dates were inconsistent with what was provided on the chains-of-custody and what was provided in the sampling notifications to OCD.	3/30/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	3/30/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/30/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	3/30/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/30/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/30/2026