

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill: iy Water Reuse Line. 32.07905, 1-04.15

Date of Spill: 9/3/2023

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

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 350.0000 BBL

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

Total Area Calculations						Standing Liquid Calculations					
Total Surface Area	width	length	wet soil depth	oil (%)		Standing Liquid Area	width	length	liquid depth	oil (%)	
Rectangle Area #1	400 ft X	347 ft X	0.50 in	0%		Rectangle Area #1	0 ft X	0 ft X	0 in	0%	
Rectangle Area #2	305 ft X	280 ft X	0.91 in	0%		Rectangle Area #2	0 ft X	0 ft X	0 in	0%	
Rectangle Area #3	0 ft X	0 ft X	0.00 in	0%		Rectangle Area #3	0 ft X	0 ft X	0 in	0%	
Rectangle Area #4	0 ft X	0 ft X	0.00 in	0%		Rectangle Area #4	0 ft X	0 ft X	0 in	0%	
Rectangle Area #5	0 ft X	0 ft X	0.00 in	0%		Rectangle Area #5	0 ft X	0 ft X	0 in	0%	
Rectangle Area #6	0 ft X	0 ft X	0.00 in	0%		Rectangle Area #6	0 ft X	0 ft X	0 in	0%	
Rectangle Area #7	0 ft X	0 ft X	0.00 in	0%		Rectangle Area #7	0 ft X	0 ft X	0 in	0%	
Rectangle Area #8	0 ft X	0 ft X	0.00 in	0%		Rectangle Area #8	0 ft X	0 ft X	0 in	0%	

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil

BBL 0 BBL

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

Amount of Free Liquid Recovered: 150 BBL

okay

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

Liquid holding factor *: 0.16 gal per gal

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

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

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

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

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

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

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

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

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

Saturated Soil Volume Calculations:

Total Solid/Liquid Volume: 224,200 sq. ft. H2O 12,260 cu. ft. OIL cu. ft.

Estimated Volumes Spilled

Liquid in Soil: 349.3 BBL H2O 0.0 BBL OIL
Free Liquid: 0.0 BBL H2O 0.0 BBL OIL
Totals: 349.337 BBL H2O 0.000 BBL OIL

Total Liquid Spill Liquid: 350.000 BBL H2O 0.000 BBL OIL

Recovered Volumes

Estimated oil recovered: 0.0 BBL check - okay
Estimated water recovered: 150.0 BBL check - okay

Free Liquid Volume Calculations:

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

Estimated Production Volumes Lost

Estimated Production Spilled: ##### BBL H2O 0.000000 BBL OIL

Estimated Surface Damage

Surface Area: 224,200 sq. ft.

Surface Area: 5.1469 acre

Estimated Weights, and Volumes

Saturated Soil = 1,373,064 lbs H2O 12,260 cu. ft. OIL 454 cu. yds.
Total Liquid = 350 BBL H2O 14,700.00 gallon OIL 122,304 lbs

SITE INFORMATION

Report Type: Work Plan nAPP2324744996

General Site Information:

Site:	Solaris Daisy					
Company:	Solaris Water, LLC					
Section, Township and Range	Unit M	Sec. 36	T 25S	R 27E		
Lease Number:						
County:	Eddy County					
GPS:	32.07905°			-104.15206°		
Surface Owner:	State, Federal					
Mineral Owner:						
Directions:	From intersection HWY 285 and Whites City Rd, head west on Whites City Rd for 4.10 miles. Turn right (north) onto lease road and follow for 1.77 miles (veering left at the "y").					

Release Data:

Date Released:	9/3/2023
Type Release:	Produced Water
Source of Contamination:	Produced Water Line
Fluid Released:	350 bbls water
Fluids Recovered:	150 bbls water

Official Communication:

Name:	Jeffery Cook		Clair Gonzales
Company:	Solaris Water, LLC		Tetra Tech
Address:	3305 Boyd Dr.		901 W. Wall St.
			Ste 100
City:	Carlsbad, New Mexico, 88220		Midland, Texas, 79701
Phone number:	(713) 614-3644		(432) 682-4559
Fax:			
Email:	Jeffery.Cook@ArisWater.com		clair.gonzales@tetrattech.com

Site Characterization

Depth to Groundwater:	20.33'
Karst Potential:	High

Recommended Remedial Action Levels (RRALs)

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



April 18, 2025

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

**RE: Remediation Work Plan
Solaris Water, LLC
Daisy Water Reuse Line
Eddy County, New Mexico
nAPP2324744996**

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by Solaris Water, LLC (Solaris) to assess a release that occurred at the Daisy Water Reuse Line, Unit M, Section 36, Township 25 South, Range 27 East, Eddy County, New Mexico (Site). The spill site coordinates are 32.07905°, -104.15206°. The site location is shown on **Figures 1 and 2**.

Background

According to the State of New Mexico C-141 Initial Report, the release at the Site was caused by a lay flat line parting in two sections due to being overpressured, causing the release of 350 bbls in total, of produced water. Approximately, a total 150 bbls of fluids were recovered. The two release areas were located approximately 1.81 miles apart, one located to the west along the lease road and the other located to the east flowing across the pad and pasture. The western release was approximately 3,916 feet (ft) in length, with widths varying from 5 ft to 92 ft. The eastern release was approximately 1,030 ft in length, with widths varying from 36 ft to 247 ft. On September 3, 2023, the release was discovered and reported to the New Mexico Oil Conservation Division (NMOCD). The C-141 is shown in **Appendix A**.

Site Characterization

Significant Water Features

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

Significant Boundaries

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



Groundwater Review

Groundwater research was completed for the site through the USGS (United States Geological Survey) National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Groundwater research conducted through these two resources, show the two closest water wells within a 1.5 mile radius of each release Site. For the East Release the well reported on the NMOSE Water Rights Reporting System reports a total depth of 37 ft bgs and measured water level of 26 ft bgs and is approximately 0.94 miles of the Site. The well reported on the USGS National Water Information System reports a water level measured at 20.33 ft bgs and is approximately 0.71 miles of the Site. For the West Release the well reported on the NMOSE Water Rights Reporting System reports a total depth of 100 ft bgs and measured water level of 69 ft bgs and is approximately 1.16 miles of the Site. The well reported on the USGS National Water Information System reports a water level measured at 9.13 ft bgs and is approximately 1.36 miles of the Site. The groundwater information is shown in **Appendix B**.

Distance from East Release	Date of Data	Resource of Information	Depth of Well	Depth to Water
0.71 Miles	01/28/2003	USGS	N/A	20.33'
0.94 Miles	10/20/2023	NMOSE	37'	26'

Distance from West Release	Date of Data	Resource of Information	Depth of Well	Depth to Water
1.36 Miles	10/08/1987	USGS	N/A	9.13'
1.16 Miles	11/04/2019	NMOSE	100'	69'

Biological Review

Tetra Tech conducted a review of sensitive biological species within the area of concern by utilizing the U.S. Fish & Wildlife Service Information for Planning and Consultation (USFWS IPaC) and the Bureau of Land Management (BLM) Plant and Wildlife Habitat mapping resource. Based on the review of the BLM Plant and Wildlife Habitat mapping resource, the pasture area of the western release was along a potential habitat area for Scheer's Beehive Cactus as indicated on the figure shown in **Appendix C**. A biological survey will take place at the site prior to remediation activities to determine the presence of the Scheer's Beehive Cactus. Additionally, if the cactus is determined to be present, Tetra Tech will contact the New Mexico State Land Office (NMSLO) for guidance prior to proceeding with remediation activities. Based on the review of the USFWS IPaC resource, there are no critical habitats for this location, however the following findings were noted:



Species Name	Critical Habitat Designation Status	Does location overlap with Critical Habitat Designation
Birds		
Mexican Spotted Owl	Final	No
Northern Aplomado Falcon	No Critical Habitat Designation	N/A
Piping Plover	Final	No
Clams		
Texas Hornshell	Proposed	No
Insects		
Monarch Butterfly	Proposed	No
Flowering Plants		
Gypsum Wild-Buckwheat	Final	No
Lee Pincushion Cactus	No Critical Habitat Designation	N/A
Sneed Pincushion Cactus	No Critical Habitat Designation	N/A

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

Archaeological Survey

Necessary Cultural Properties Protection actions prior to reclamation have been conducted in accordance with 19.2.24 NMAC. An Archaeological Records Management Section (ARMS) Inspection was conducted on January 18, 2024, in accordance with 4.10.15 NMAC. The ARMS inspection included conducting research of the New Mexico Cultural Resources Information System (NMCRIIS) and the ARMS. Following the completion of the ARMS Inspection, it was determined that an Archaeological Survey was required. The Survey was conducted on February 2, 2024 and indicated positive findings. The NMSLO Cultural Resources Cover Sheet was submitted to the NMCRIIS with the reference number 154840 and is provided in **Appendix D**.

Regulatory

A risk-based evaluation was performed for the site following the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization and groundwater being present at depths less than 51 ft bgs, beyond the top 4.0 ft of soil, the site will follow the most stringent RRALs of 600mg/kg for chloride and 100 mg/kg (GRO + DRO + ORO) for TPH.

Site Assessment Activities

Tetra Tech conducted site assessment activities on March 26 through 28, 2023. A total of thirteen (13) trenches (Trench-1 through Trench-13) were installed to depths ranging from surface to 5.0 ft bgs to attempt to assess and vertically delineate the impacted area. Additionally, a total of twenty-three (23) horizontals (H-1 through H-23) were installed to total depths of 0.5 ft bgs, to horizontally delineate the impact. The impact and sample locations are shown on **Figure 3A through Figure 3D**.



The samples were submitted to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 4500.0, and to Eurofins Laboratories in Midland, Texas to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA method 300.0. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix E**.

Referring to Table 1, trenches (Trench-12 and Trench-13) indicated chloride concentrations above the RRALs, with concentrations ranging from 714 mg/kg to 1,410 mg/kg, at depths ranging from surface to 5.0 ft bgs. Trenches (Trench-1 through Trench-11) did not indicate chloride concentrations above the RRALs in any samples collected. Additionally, none of the trenches (Trench-1 through Trench-13) indicated benzene, BTEX, or TPH concentration above laboratory detection levels. Vertical delineation of chlorides was found in all trenches, with the exceptions of Trench-12 and Trench-13. Additionally, Horizontals (H-1 through H-23) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.

Additional Delineation

Additional delineation was conducted on August 29, 2024 in the northeastern area due to the dense geographical formation and a hard rock bottom encountered during initial delineation. A total of fourteen (14) additional delineation trenches (ADT-1 through ADT-14) were installed to depths ranging from surface to 7.0 ft bgs to attempt to assess and vertically delineate the impacted area. Additionally, a total of nine (9) additional delineation horizontals (ADH-1 through ADH-9) were installed to total depths of 1.0 ft bgs, to horizontally delineate the impact.

The samples were submitted to Eurofins Laboratories in Midland, Texas to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA method 300.0. The analytical results are summarized in **Table 2** and the analytical laboratory reports are included in **Appendix E**.

Referring to Table 2, additional delineation trenches (ADT-1, ADT-3, ADT-4, ADT-6, ADT-7, and ADT-9 through ADT-13) indicated chloride concentrations above the RRALs of 600 mg/kg, with concentrations ranging from 632 mg/kg to 4,180 mg/kg, at depths ranging from surface to 7.0 ft bgs. Additional delineation trenches (ADT-2, ADT-5, ADT-8, and ADT-14) did not indicate chloride concentrations above the RRALs in any samples collected. Additionally, none of the additional delineation trenches (ADT-1 through ADT-14) indicated benzene, BTEX, or TPH concentration above laboratory detection levels. Additionally, additional delineation horizontals (ADH-1 through ADH-9) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.

Work Plan

Based on the C-141 (nAPP2324744996) and information provided by Solaris, Tetra Tech performed site characterization and groundwater research to determine groundwater depth, proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the *OCD Guidelines for Remediation of Leaks, Spills, and Releases*, updated August 14, 2018, according to the groundwater data found during research activities, and based on the proposed GWDB installation, the RRALs that will be followed for the site, for the soil below the top 4.0 ft of soil, will be held to 600 mg/kg for chlorides, and 100 mg/kg (GRO + DRO) for TPH. The most stringent RRALs will be followed for the top 4.0 ft of soil. Based on Tetra Tech assessment and delineation activities, laboratory results indicated chloride concentrations above RRALs in ADT trenches



(ADT-1, ADT-3, ADT-4, ADT-6, ADT-7, and ADT-9 through ADT-13), in total depths ranging from surface to 7.0 ft bgs. The proposed excavation is shown on **Figure 4 and Figures 6A/6B**.

Based on delineation activities conducted, Solaris proposes three (3) delineation trenches (AST-1 through AST-3) in archaeological area 18139 site boundary. It is proposed the archaeological team be present on site during delineation activities to determine if there is impact. The proposed archaeological site trenches are shown on **Figure 5**.

Solaris proposes to remediate the northeastern impacted areas to the required depths. The potential excavation depths shown on **Figure 6** are representative of the site following the most stringent RRALs due to site characterization findings and groundwater being present at depths less than 51 ft bgs. In addition to the excavation of ADT trenches (ADT-1, ADT-3, ADT-4, ADT-6, ADT-7, and ADT-9 through ADT-13), a superficial scrape of the southwestern release site will be conducted for housekeeping purposes. Following remediation of the northeastern release, 5-point composite confirmation bottom hole and sidewall samples will be installed within the remediated areas on a 200 square foot basis. The C-141 is included in **Appendix A**.

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

Respectfully submitted,
TETRA TECH

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

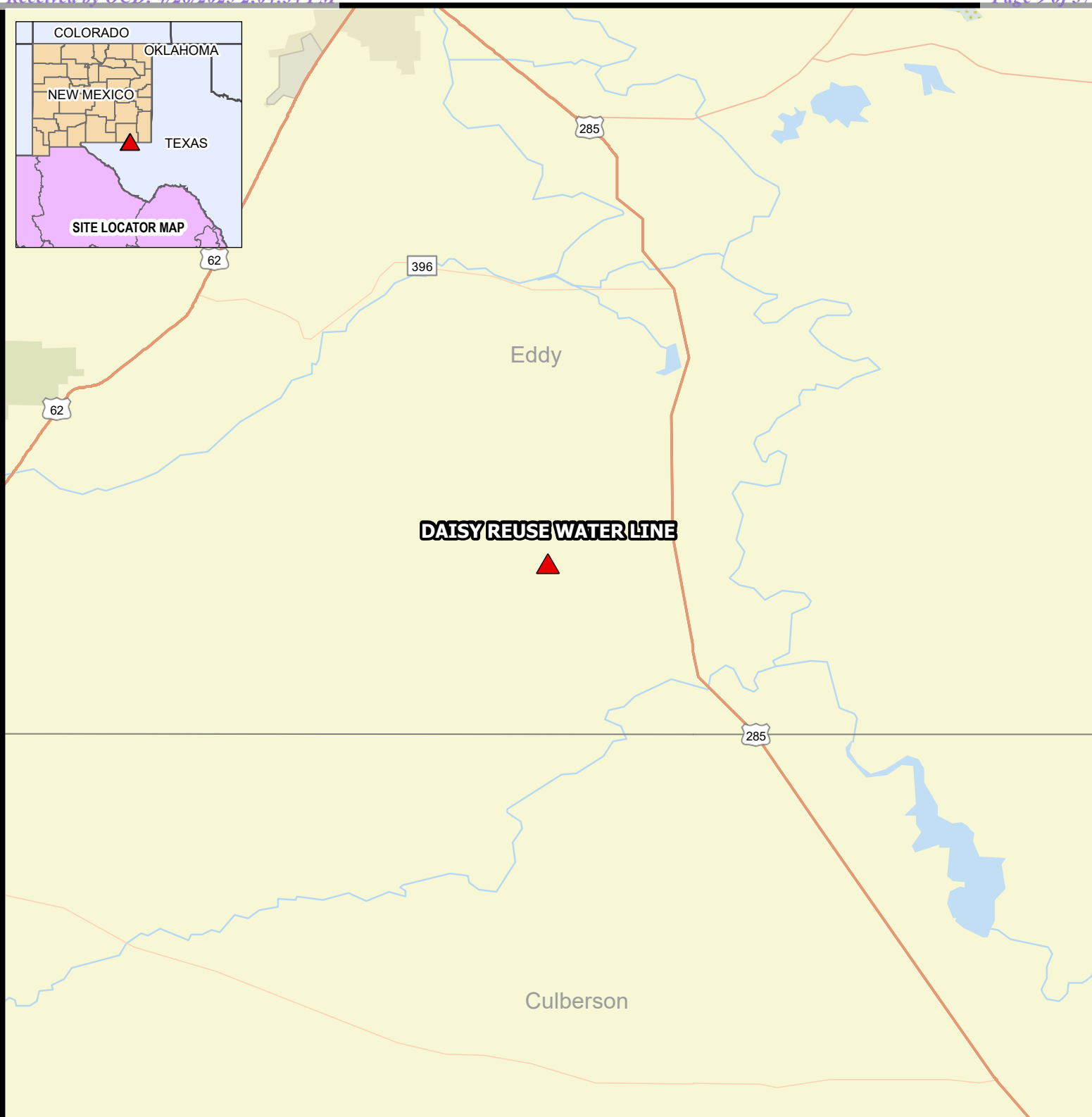
Brittany Long,
Project Manager

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

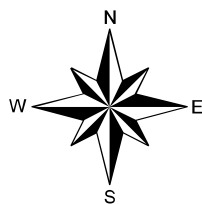
Clair Gonzales, P.G.
Senior Project Manager



Figures



▲ SITE LOCATION



0 10,000 20,000
Approximate Scale in Feet



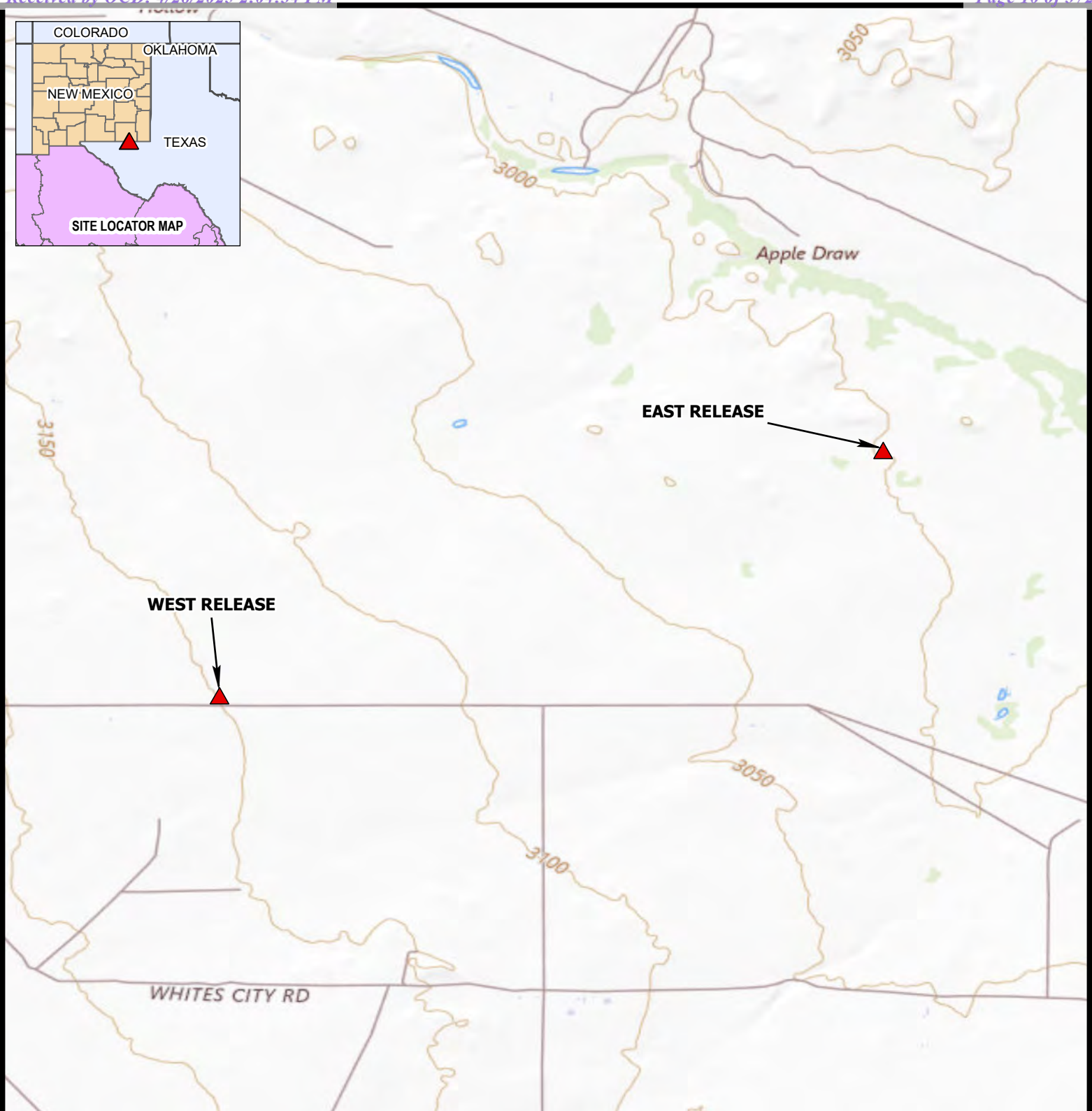
FIGURE 1
SITE LOCATION MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

Project: 212C-MD-03409

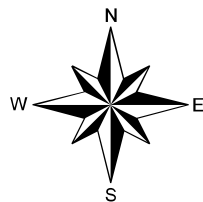
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Name: Figure 1 - Daisy





▲ SITE LOCATION



0 1,000 2,000
Approximate Scale in Feet



FIGURE 2
TOPOGRAPHIC MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

Project: 212C-MD-03409

Date: 2/4/2025

Name: Figure 2 - Daisy





- TRENCH SAMPLE LOCATION
- HORIZONTAL SAMPLE LOCATION
- RELEASE AREA

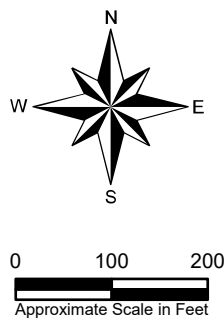


FIGURE 3A
WEST RELEASE ASSESSMENT MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
 32.07905°, -104.15206°

Project: 212C-MD-03409

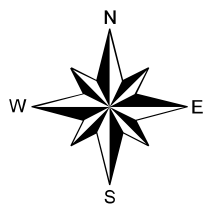
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Name: Figure 3 - Daisy





- TRENCH SAMPLE LOCATION
- HORIZONTAL SAMPLE LOCATION
- RELEASE AREA



0 100 200
Approximate Scale in Feet



FIGURE 3B
WEST RELEASE ASSESSMENT MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

Project: 212C-MD-03409

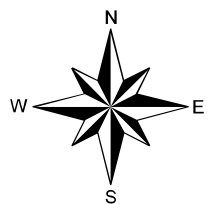
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Name: Figure 3A - Daisy





- TRENCH SAMPLE LOCATION
- HORIZONTAL SAMPLE LOCATION
- RELEASE AREA



0 100 200
Approximate Scale in Feet



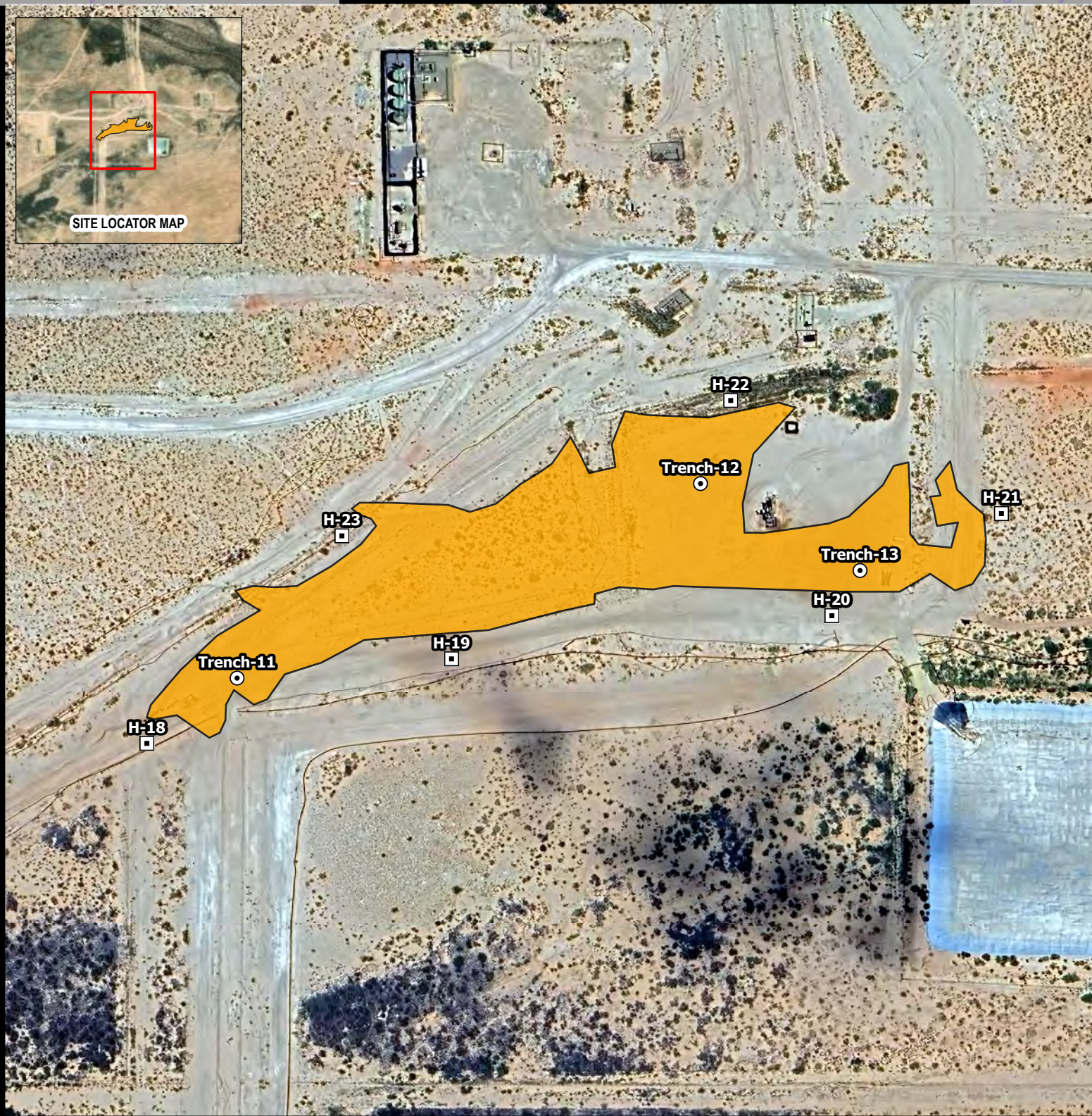
FIGURE 3C
WEST RELEASE ASSESSMENT MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

Project: 212C-MD-03409

Date: 2/4/2025

Name: Figure 3A - Daisy





-  TRENCH SAMPLE LOCATION
-  HORIZONTAL SAMPLE LOCATION
-  RELEASE AREA

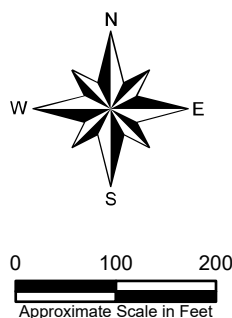


FIGURE 3D
EAST RELEASE ASSESSMENT MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

Project: 212C-MD-03409

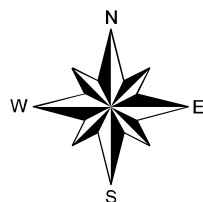
Date: 2/4/2025

Name: Figure 3D - Daisy





- PROPOSED AST LOCATION
- ADDITIONAL TRENCH LOCATION
- ADDITIONAL HORIZONTAL LOCATION
- RELEASE AREA
- 0.5' PROPOSED SCRAPE
- 1.0' PROPOSED EXCAVATION
- 4.0' PROPOSED EXCAVATION
- 8.0' PROPOSED EXCAVATION



0 100 200
Approximate Scale in Feet



FIGURE 4
EAST RELEASE PROPOSED EXCAVATION MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

Project: 212C-MD-03409

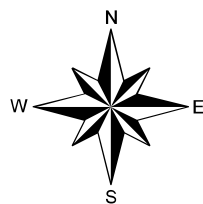
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Name: Figure 4 - Daisy





-  PROPOSED AST LOCATION
-  RELEASE AREA



0 100 200
Approximate Scale in Feet



FIGURE 5
EAST RELEASE PROPOSED DELINEATION
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

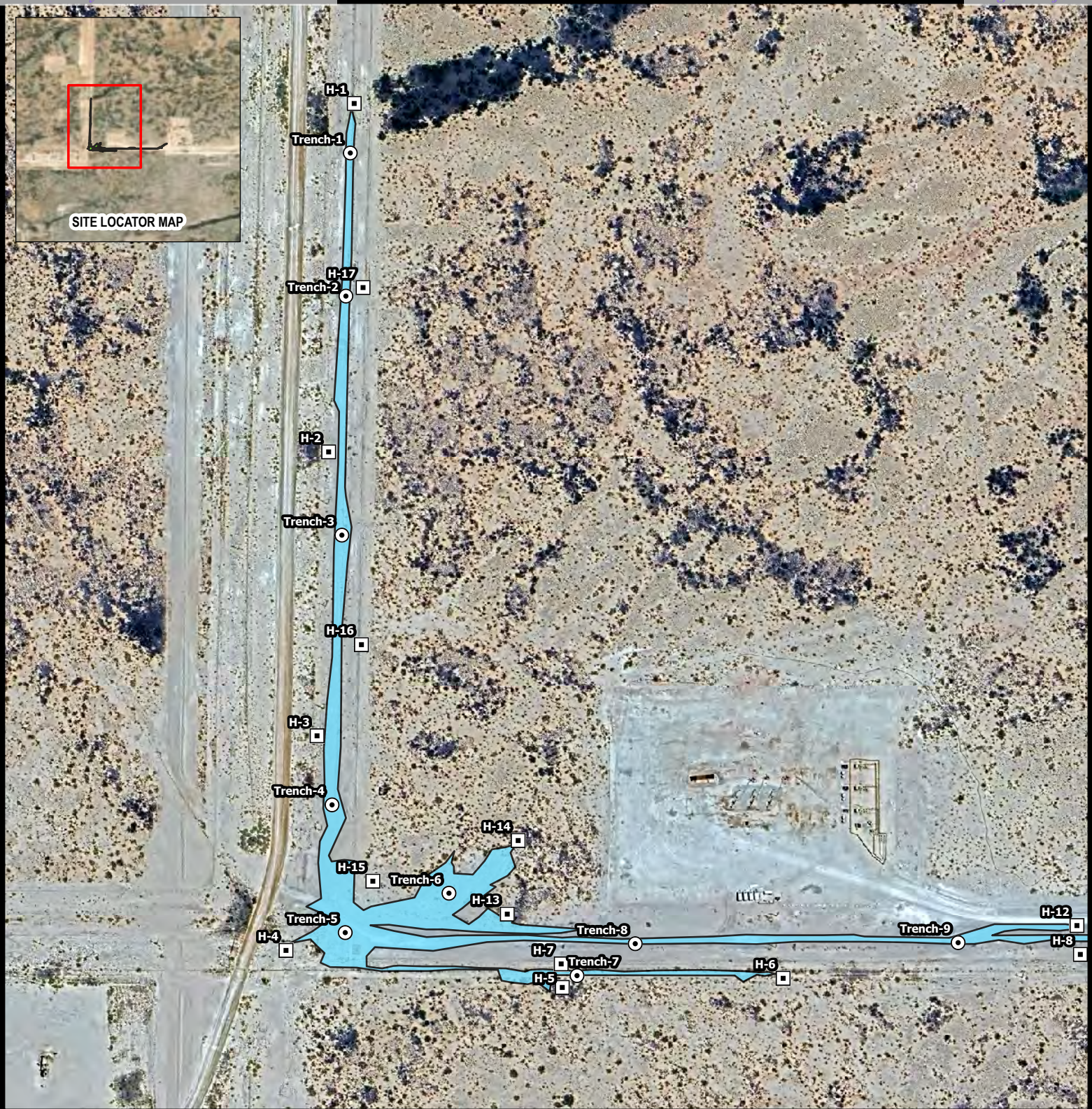
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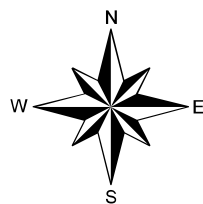
Name: Figure 5 - Daisy



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- TRENCH LOCATION
- HORIZONTAL LOCATION
- 0.5' PROPOSED SCRAPE



0 150 300
Approximate Scale in Feet



FIGURE 6A
WEST RELEASE PROPOSED EXCAVATION MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

Project: 212C-MD-03409

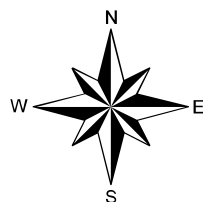
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Name: Figure 6A - Daisy





-  TRENCH LOCATION
-  HORIZONTAL LOCATION
-  0.5' PROPOSED SCRAPE



0 150 300
Approximate Scale in Feet



FIGURE 6B
WEST RELEASE PROPOSED EXCAVATION MAP
DAISY REUSE WATER LINE
EDDY COUNTY, NEW MEXICO
32.07905°, -104.15206°

Project: 212C-MD-03409

Date: 2/4/2025

Name: Figure 6B - Daisy





Tables

Table 1
Solaris Water Midstream
Daisy Reuse Water Line
Eddy County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			In-Situ	Removed	GRO	DRO	MRO	Total							
RRALs			100 mg/kg				10 mg/kg				50 mg/kg				600 mg/kg
Trench-1	03/28/2024	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00285	0.00200	<0.00399	<0.00399	15.4	
	03/28/2024	2'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	0.00275	0.00202	<0.00404	<0.00404	6.08	
	03/28/2024	3'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00282	0.00200	<0.00401	<0.00401	8.58	
Trench-2	03/28/2024	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00373	0.00199	<0.00398	0.00573	16.7	
	03/28/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00291	0.00199	<0.00398	<0.00398	<4.97	
	03/28/2024	3'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00201	0.00199	<0.00398	<0.00398	8.48	
	03/28/2024	4'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00226	0.00201	<0.00402	<0.00402	<4.96	
Trench-3	03/28/2024	0-1'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	0.00223	0.00202	<0.00404	<0.00404	14.2	
	03/28/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00212	0.00200	<0.00401	<0.00401	8.89	
	03/28/2024	3'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	0.00203	0.00198	<0.00397	<0.00397	7.64	
	03/28/2024	4'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00209	0.00199	<0.00398	<0.00398	30.0	
Trench-4	03/28/2024	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	0.00201	0.00198	<0.00396	<0.00396	38.7	
	03/28/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00220	0.00200	<0.00401	<0.00401	12.2	
	03/28/2024	3'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	0.00246	0.00201	<0.00402	<0.00402	<5.02	
Trench-5	03/27/2024	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00224	0.00199	<0.00398	<0.00398	113	
	03/27/2024	2'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00212	0.00201	<0.00402	<0.00402	24.3	
	03/27/2024	3'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	0.00224	0.00202	<0.00403	<0.00403	45.4	
	03/27/2024	4'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	0.00231	0.00199	<0.00398	<0.00398	23.8	
Trench-6	03/27/2024	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00246	0.00199	<0.00398	<0.00398	36.2	
	03/27/2024	2'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	0.00208	0.00201	<0.00402	<0.00402	7.07	
	03/27/2024	3'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	0.00213	0.00202	<0.00403	<0.00403	10.2	
	03/27/2024	4'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00199	0.00199	<0.00398	<0.00398	133	
Trench-7	03/27/2024	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00218	0.00200	<0.00400	<0.00400	6.65	
	03/27/2024	2'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	0.00219	0.00198	<0.00397	<0.00397	<5.03	
	03/27/2024	3'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00201	0.00201	<0.00402	<0.00402	6.42	
	03/27/2024	4'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	0.00202	0.00202	<0.00404	<0.00404	8.04	
Trench-8	03/27/2024	0-1'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	0.00255	0.00200	<0.00401	<0.00401	22.1	
	03/27/2024	2'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00200	0.00213	0.00200	<0.00399	<0.00399	14.0	
	03/27/2024	3'	X	-	<49.6	<49.6	<49.6	<49.6	<0.00198	0.00198	0.00198	<0.00396	<0.00396	63.6	
	03/27/2024	4'	X	-	<49.6	<49.6	<49.6	<49.6	<0.00199	0.00199	0.00199	<0.00398	<0.00398	6.42	
Trench-9	03/27/2024	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00199	0.00199	<0.00398	<0.00398	57.6	
	03/27/2024	2'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	0.00202	0.00202	<0.00403	<0.00403	15.1	
	03/27/2024	3'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	0.00198	0.00198	<0.00397	<0.00397	12.9	
	03/27/2024	4'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	0.00201	0.00201	<0.00402	<0.00402	5.72	
Trench-10	03/27/2024	0-1'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	0.00201	0.00201	<0.00402	<0.00402	212	
	03/27/2024	2'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00202	0.00202	0.00202	<0.00404	<0.00404	27.0	
	03/27/2024	3'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00200	0.00200	0.00200	<0.00401	<0.00401	30.3	
	03/27/2024	4'	X	-	<49.6	<49.6	<49.6	<49.6	<0.00200	0.00200	0.00200	<0.00399	<0.00399	65.8	

Table 1
Solaris Water Midstream
Daisy Reuse Water Line
Eddy County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			In-Situ	Removed	GRO	DRO	MRO	Total							
RRALs			100 mg/kg						10 mg/kg		50 mg/kg			600 mg/kg	
Trench-11	03/26/2024	0-1'	X	-	<50.1	<50.1	<50.1	<50.1	<0.00200	0.00200	0.00200	<0.00401	<0.00401	156	
	03/26/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	0.00202	0.00202	<0.00403	<0.00403	113	
	03/26/2024	3'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00221	0.00199	<0.00398	<0.00398	51.5	
	03/26/2024	4'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00199	0.00212	0.00199	<0.00398	<0.00398	50.9	
Trench-12	03/26/2024	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	0.00198	0.00198	<0.00396	<0.00396	983	
	03/26/2024	2'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	0.00242	0.00198	<0.00397	<0.00397	860	
	03/26/2024	3'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	0.00202	0.00202	<0.00404	<0.00404	1,150	
	03/26/2024	4'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	0.00213	0.00200	<0.00401	<0.00401	1,230	
	03/26/2024	5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00200	0.00200	<0.00400	<0.00400	1,410	
Trench-13	03/26/2024	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00232	0.00199	<0.00398	<0.00398	895	
	03/26/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00200	0.00200	<0.00399	<0.00399	390	
	03/26/2024	3'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00294	0.00201	<0.00402	<0.00402	593	
	03/26/2024	4'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00306	0.00199	<0.00398	<0.00398	714	
H-1	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-2	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
H-3	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
H-4	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-5	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-6	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-7	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-8	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
H-9	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
H-10	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
H-11	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
H-12	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
H-13	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-14	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-15	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
H-16	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
H-17	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-18	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-19	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
H-20	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-21	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
H-22	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
H-23	4/25/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	

NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOC (New Mexico Oil Conservation Division) *Guidelines for Remediation of Leaks, Spills, and Releases*.

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

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

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

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

Exceedance

Table 2
Solaris Water Midstream
Daisy Reuse Water Line
Eddy County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			In-Situ	Removed	GRO	DRO	MRO	Total							
RRALs					100 mg/kg				10 mg/kg				50 mg/kg		600 mg/kg
ADT-1	8/29/2024	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	717	
	8/29/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	76.7	
	8/29/2024	3'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	107	
	8/29/2024	4'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	295	
	8/29/2024	5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	303	
	8/29/2024	6'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	263	
8/29/2024	7'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1020		
ADT-2	8/29/2024	0-1'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	74.8	
	8/29/2024	2'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	57.1	
	8/29/2024	3'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	72.5	
	8/29/2024	4'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	64.4	
	8/29/2024	5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	54.6	
	8/29/2024	6'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	102	
ADT-3	8/29/2024	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	951	
	8/29/2024	2'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,020	
	8/29/2024	3'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,490	
	8/29/2024	4'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,900	
	8/29/2024	5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,530	
	8/29/2024	6'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,940	
ADT-4	8/29/2024	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	82.2	
	8/29/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	427	
	8/29/2024	3'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	277	
	8/29/2024	4'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	387	
	8/29/2024	5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	697	
	8/29/2024	6'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	889	
8/29/2024	7'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	923		
ADT-5	8/29/2024	0-1'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	482	
	8/29/2024	2'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	423	
	8/29/2024	3'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	232	
	8/29/2024	4'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	280	
	8/29/2024	5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	318	
	8/29/2024	6'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	354	
ADT-6	8/29/2024	0-1'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	887	
	8/29/2024	2'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	909	
	8/29/2024	3'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	842	
	8/29/2024	4'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	862	
	8/29/2024	5'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	905	
	8/29/2024	6'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,010	

Table 2
Solaris Water Midstream
Daisy Reuse Water Line
Eddy County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs									100 mg/kg	10 mg/kg	50 mg/kg			600 mg/kg
ADT-7	8/29/2024	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,180
	8/29/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,980
	8/29/2024	3'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,360
	8/29/2024	4'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	581
	8/29/2024	5'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	270
8/29/2024	6'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	446	
ADT-8	8/29/2024	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,040
	8/29/2024	2'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	463
	8/29/2024	3'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	390
	8/29/2024	4'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	390
	8/29/2024	5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	460
	8/29/2024	6'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	231
ADT-9	8/29/2024	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,170
	8/29/2024	2'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	264
	8/29/2024	3'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	555
	8/29/2024	4'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	668
	8/29/2024	5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	646
	8/29/2024	6'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	762
ADT-10	8/29/2024	0-1'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	926
	8/29/2024	2'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	441
	8/29/2024	3'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,020
	8/29/2024	4'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,110
	8/29/2024	5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,030
	8/29/2024	6'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	632
ADT-11	8/29/2024	0-1'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	840
	8/29/2024	2'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	268
	8/29/2024	3'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	235
	8/29/2024	4'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	479
	8/29/2024	5'	X	-	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	771
	8/29/2024	6'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,000
ADT-12	8/29/2024	0-1'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,200
	8/29/2024	2'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	226
	8/29/2024	3'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	511
	8/29/2024	4'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	879
	8/29/2024	5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,000
	8/29/2024	6'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	744

Table 2
Solaris Water Midstream
Daisy Reuse Water Line
Eddy County, New Mexico

Sample ID	Sample Date	Excavation Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			In-Situ	Removed	GRO	DRO	MRO	Total							
RRALs					100 mg/kg				10 mg/kg				50 mg/kg		600 mg/kg
ADT-13	8/29/2024	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,910	
	8/29/2024	2'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,090	
	8/29/2024	3'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,460	
	8/29/2024	4'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,040	
	8/29/2024	5'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	951	
	8/29/2024	6'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	308	
ADT-14	8/29/2024	0-1'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	328.0	
	8/29/2024	2'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	589.0	
	8/29/2024	3'	X	-	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	311.0	
	8/29/2024	4'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	99.8	
	8/29/2024	5'	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	51.8	
ADH-1	8/29/2024	0-1	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	59.5	
ADH-2	8/29/2024	0-1	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	56.0	
ADH-3	8/29/2024	0-1	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	59.7	
ADH-4	8/29/2024	0-1	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	97.9	
ADH-5	8/29/2024	0-1	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	156.0	
ADH-6	8/29/2024	0-1	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	170.0	
ADH-7	8/29/2024	0-1	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	190.0	
ADH-8	8/29/2024	0-1	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.5	
ADH-9	8/29/2024	0-1	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.8	

NOTES
RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Division) *Guidelines for Remediation of Leaks, Spills, and Releases*.
All screening values and results are presented in milligrams per kilogram (mg/kg)

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

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

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

Exceedance



Appendix A

C-141 Document

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2324744996
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Solaris Water, LLC	OGRID 371643
Contact Name Rob Kirk	Contact Telephone O 432-203-9020 C 469-978-5620
Contact email Rob.Kirk@ariswater.com	Incident # (assigned by OCD) nAPP2324744996
Contact mailing address 3305 Boyd Dr, Carlsbad NM 88220	

Location of Release Source

Latitude 32.07905 Longitude -104.15206
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Daisy Water Reuse Line	Site Type Booster Pump
Date Release Discovered 3 Sep 2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	36	25S	27E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 350	Volume Recovered (bbls) 150
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

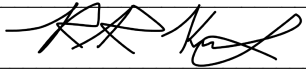
A failure occurred in SCADA causing a pump valve to close and pressure on a poly line until it failed. An additional nearby booster pump had the same result. Once noticed, the system was turned off the release was stopped, and repairs were made.

Incident ID	nAPP2324744996
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The volume of produced water released
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? NMOCD web portal NOR completed by Rob Kirk, email to NMOCD	

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. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Rob Kirk	Title: Vice President, Environmental Compliance
Signature: 	Date: 10/02/2023
email: Rob.Kirk@ariswater.com	Telephone: O 432-203-9020 C 469-978-5620
<u>OCD Only</u>	
Received by: _____	Date: _____



Appendix B

Site Characterization Documents



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04766 POD1	2	2	4	32	25S	28E	584716	3550306 
Driller License: 1800		Driller Company:		ALAMO ENVIRONMENTAL DBA VORTEX DRILLING					
Driller Name:									
Drill Start Date:	09/12/2023	Drill Finish Date:		09/12/2023		Plug Date:			
Log File Date:	10/20/2023	PCW Rev Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:		37 feet		Depth Water: 26 feet			
Water Bearing Stratifications:		Top	Bottom	Description					
		23	33	Sandstone/Gravel/Conglomerate					
		33	35	Sandstone/Gravel/Conglomerate					
		35	37	Sandstone/Gravel/Conglomerate					
Casing Perforations:		Top	Bottom						
		17	37						

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Data Category:
Groundwater

Geographic Area:
United States

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Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320557104061501

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

USGS 320557104061501 25S.28E.29.41243A

Eddy County, New Mexico
Latitude 32°05'56.0", Longitude 104°06'22.6" NAD83
Land-surface elevation 2,968.90 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1978-01-12			D 62610		2948.65	NGVD29	P	Z		
1978-01-12			D 62611		2950.24	NAVD88	P	Z		
1978-01-12			D 72019	20.25			P	Z		
1983-02-01			D 62610		2955.90	NGVD29	1	Z		
1983-02-01			D 62611		2957.49	NAVD88	1	Z		
1983-02-01			D 72019	13.00			1	Z		
1987-10-13			D 62610		2957.11	NGVD29	1	Z		
1987-10-13			D 62611		2958.70	NAVD88	1	Z		
1987-10-13			D 72019	11.79			1	Z		
1992-11-04			D 62610		2953.67	NGVD29	P	S		
1992-11-04			D 62611		2955.26	NAVD88	P	S		
1992-11-04			D 72019	15.23			P	S		
1998-01-23			D 62610		2953.60	NGVD29	1	S		
1998-01-23			D 62611		2955.19	NAVD88	1	S		
1998-01-23			D 72019	15.30			1	S		
2003-01-28			D 62610		2948.57	NGVD29	1	S		USGS
2003-01-28			D 62611		2950.16	NAVD88	1	S		USGS

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
2003-01-28			D	72019	20.33		1	S	USGS	

Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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New Mexico Office of the State Engineer

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 Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y				
NA	C 04371 POD1	3	3	4	26	25S	27E	579369	3551272				
Driller License: 1456		Driller Company:				WHITE DRILLING COMPANY							
Driller Name:		WHITE, JOHNNOWN.GENER											
Drill Start Date: 10/17/2019		Drill Finish Date:				10/17/2019		Plug Date:				10/17/2019	
Log File Date: 11/04/2019		PCW Rev Date:				Source:						Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:							
Casing Size:		Depth Well:				100 feet		Depth Water:				69 feet	
Water Bearing Stratifications:					Top	Bottom	Description						
					5	100	Other/Unknown						

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.

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Data Category:
Groundwater

Geographic Area:
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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320409104102001

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

USGS 320409104102001 26S.27E.05.44233

Eddy County, New Mexico
Latitude 32°04'09", Longitude 104°10'20" NAD27
Land-surface elevation 3,245 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Castile Gypsum (312CSTL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1948-12-03			D	62610	3230.90	NGVD29	1	Z		
1948-12-03			D	62611	3232.53	NAVD88	1	Z		
1948-12-03			D	72019	12.47		1	Z		
1978-01-03			D	62610	3229.32	NGVD29	1	Z		
1978-01-03			D	62611	3230.95	NAVD88	1	Z		
1978-01-03			D	72019	14.05		1	Z		
1983-01-25			D	62610	3232.62	NGVD29	1	Z		
1983-01-25			D	62611	3234.25	NAVD88	1	Z		
1983-01-25			D	72019	10.75		1	Z		
1987-10-08			D	62610	3234.24	NGVD29	1	Z		
1987-10-08			D	62611	3235.87	NAVD88	1	Z		
1987-10-08			D	72019	9.13		1	Z		

Explanation

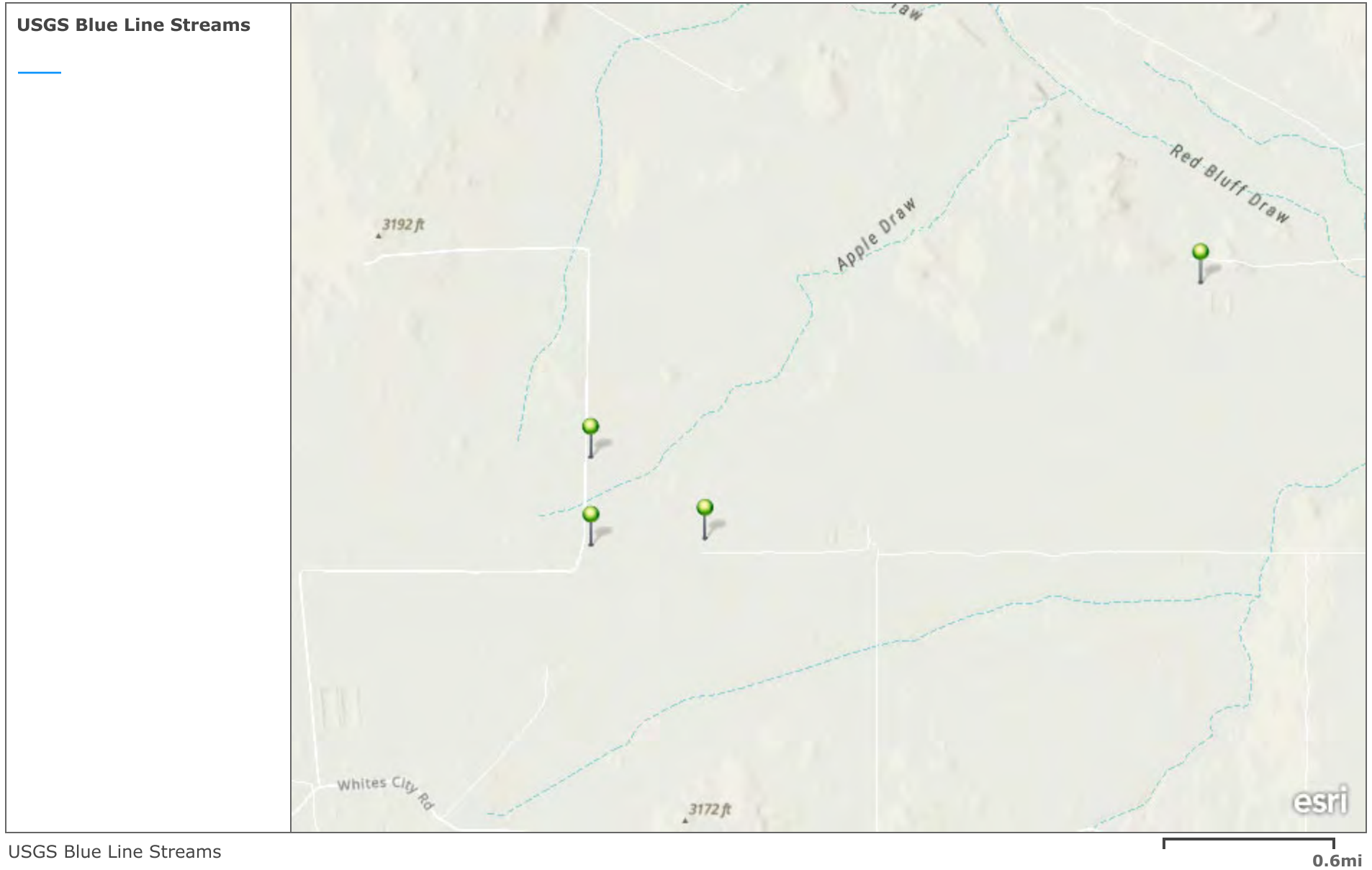
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day

Section	Code	Description
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

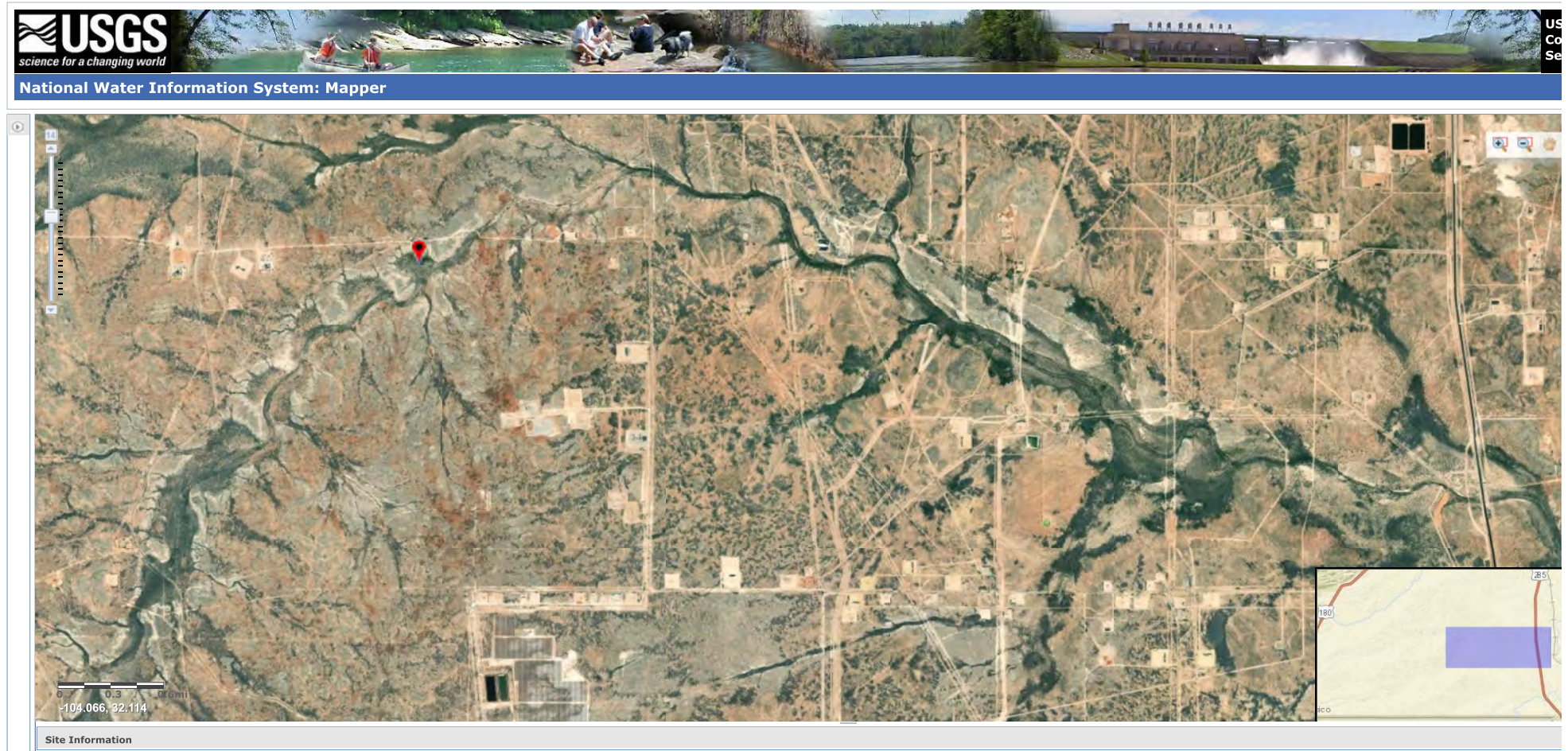
[Questions or Comments](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)



USGS Blue Line Streams



Esri, NASA, NGA, USGS, FEMA | Esri Community Maps Contributors, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



High Karst
Solaris
Caisy SWD

Released to Imaging: 5/19/2025 10:40:45 AM

Legend

- High
- Low
- Medium

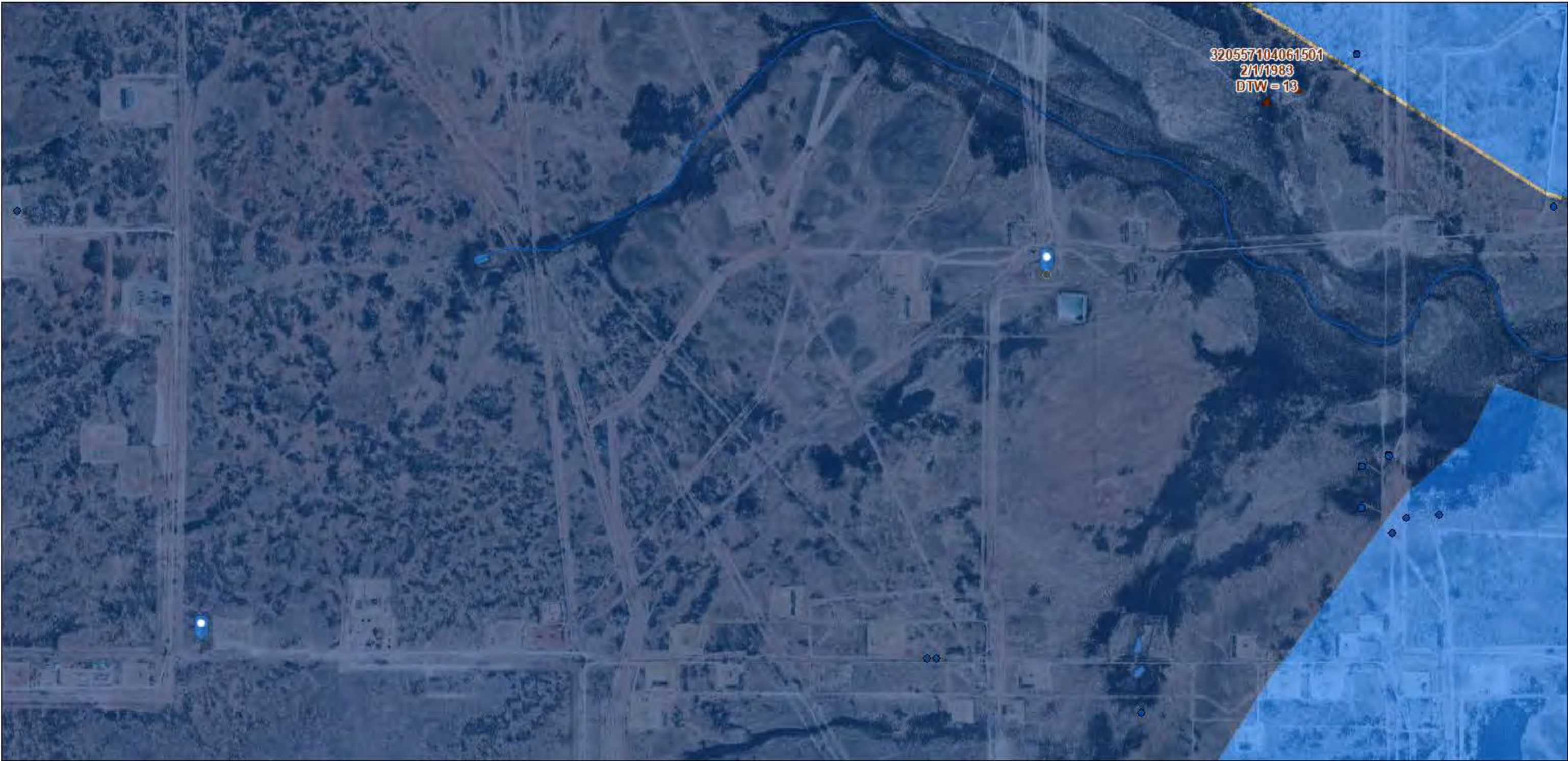
Received by OCD: 4/28/2025 2:04:34 PM

722

H-23
H-22
Trench-12
H-20
H-19

Trench-1
Trench-2
Trench-3
H-3
Trench-4
H-4
H-5
H-6
H-8
H-9
H-10

NM OCD - Solaris - Daisy Water Reuse Line - East & West Release



2/4/2025, 10:25:39 AM

- OSE Water PODs

▲

 USGS Historical GW Wells
- Karst Occurrence Potential

■

 High

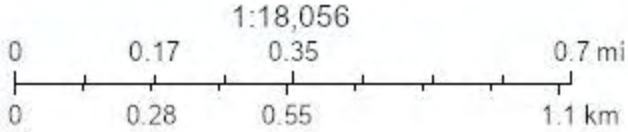
■

 Medium

OSW Water Bodys

—

 OSE Streams



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



32.092707°,-104.115551°
Show search results for 32.092707°,-104.115551°

Measurement

Icons for measurement tools

Feet

Measurement Result

1,750.2 Feet

Clear

Press CTRL to enable snapping

eff. 6/4/2010

Eddy County
350120

35015C1850D
eff. 6/4/2010

Zone A



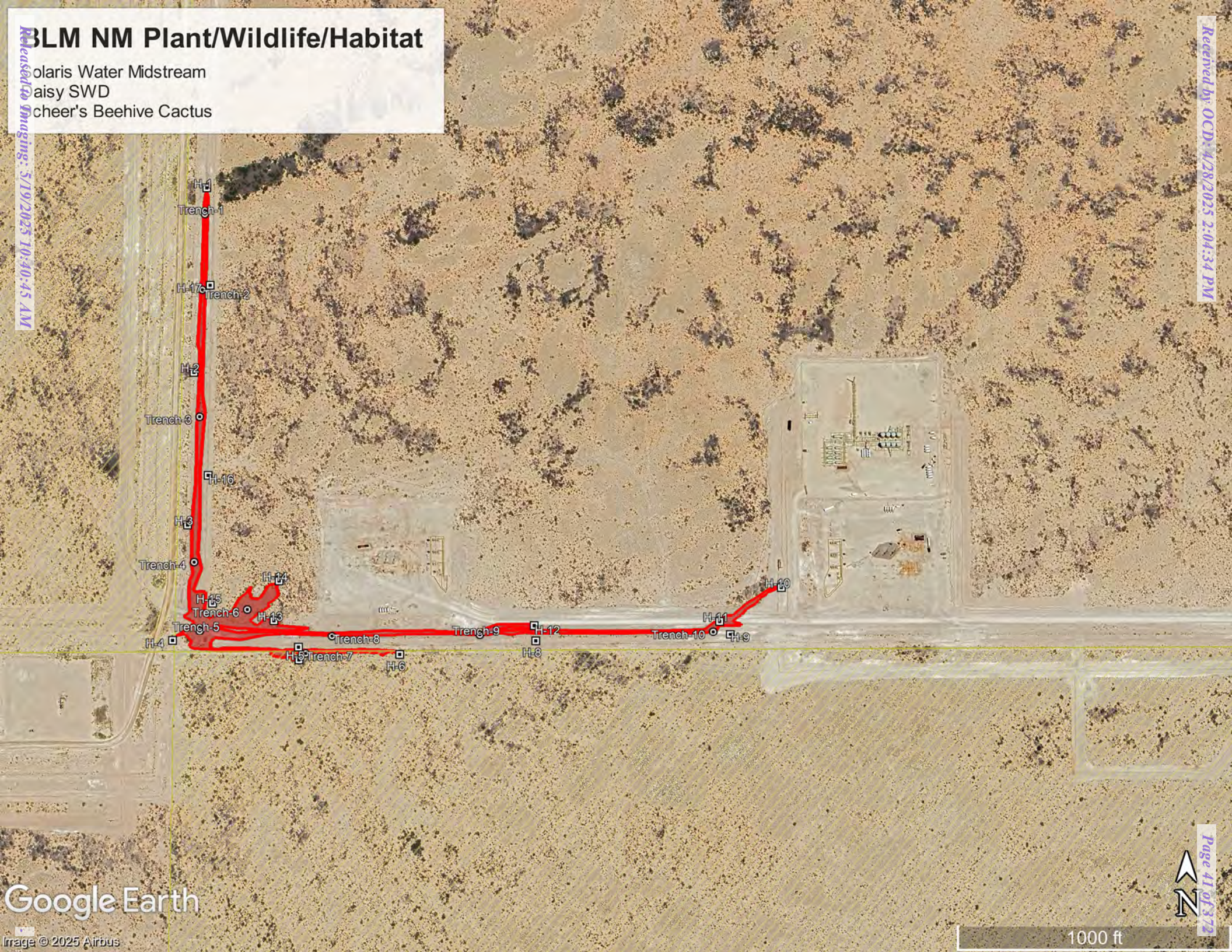
Appendix C

Biological Review

olaris Water Midstream
aisy SWD
cheer's Beehive Cactus

Released to Imaging: 5/19/2025 10:40:45 AM

Received by: OCD: 4/28/2025 2:04:34 PM



IPaC

U.S. Fish & Wildlife Service

IPaC resource list

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

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

Location

Eddy County, New Mexico



Local office

New Mexico Ecological Services Field Office

☎ (505) 346-2525

📠 (505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

Endangered species

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

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

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

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

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

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

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

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

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

Birds

NAME	STATUS
Mexican Spotted Owl <i>Strix occidentalis lucida</i> Wherever found There is final critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/8196	Threatened
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN
Piping Plover <i>Charadrius melodus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/6039	Threatened

Clams

NAME	STATUS

Texas Hornshell Popenaias popeii

Endangered

Wherever found

There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.

<https://ecos.fws.gov/ecp/species/919>

Insects

NAME

STATUS

Monarch Butterfly Danaus plexippus

Proposed Threatened

Wherever found

There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.

<https://ecos.fws.gov/ecp/species/9743>

Flowering Plants

NAME

STATUS

Gypsum Wild-buckwheat Eriogonum gypsophilum

Threatened

Wherever found

There is **final** critical habitat for this species. Your location does not overlap the critical habitat.

<https://ecos.fws.gov/ecp/species/7770>

Lee Pincushion Cactus Coryphantha sneedii var. leei

Threatened

Wherever found

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/2504>

Sneed Pincushion Cactus Coryphantha sneedii var. sneedii

Endangered

Wherever found

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/4706>

Critical habitats

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

There are no critical habitats at this location.

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

Bald & Golden Eagles

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

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

Additional information can be found using the following links:

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

Bald & Golden Eagles FAQs

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

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

Proper interpretation and use of your eagle report

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

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

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

Interpreting the Probability of Presence Graphs

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

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

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

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

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

Breeding Season ()

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

Survey Effort ()

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

No Data ()

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

Survey Timeframe

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

Migratory birds

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The Service interprets the MBTA to prohibit incidental take.

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

Additional information can be found using the following links:

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

Measures for Proactively Minimizing Migratory Bird Impacts

Your IPaC Migratory Bird list showcases [birds of concern](#), including [Birds of Conservation Concern \(BCC\)](#), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the [Nationwide avoidance and minimization measures for birds](#) document, and any other project-specific avoidance and minimization measures suggested at the link [Measures for avoiding and minimizing impacts to birds](#) for the birds of concern on your list below.

Ensure Your Migratory Bird List is Accurate and Complete

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles document](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
Cactus Wren <i>Campylorhynchus brunneicapillus guttatus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8834	Breeds Mar 5 to Sep 30
Cassin's Sparrow <i>Peucaea cassinii</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9512	Breeds Aug 1 to Oct 10

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

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

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (🟡)

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

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (—)

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

Survey Timeframe

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



Migratory Bird FAQs

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

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

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

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

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in

that area, an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

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

Why are subspecies showing up on my list?

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

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

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

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

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

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

What are the levels of concern for migratory birds?

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

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

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

Details about birds that are potentially affected by offshore projects

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

Proper interpretation and use of your migratory bird report

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

Interpreting the Probability of Presence Graphs

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

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

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

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

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

Breeding Season ()

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

Survey Effort ()

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

No Data ()

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

Survey Timeframe

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

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

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

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

This location did not intersect any wetlands mapped by NWI.

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

Data limitations

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

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

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

Data exclusions

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

Data precautions

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



Appendix D

NMCRIS Cover Sheet



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

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

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

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

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

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

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

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

Form Revised 12 22



Appendix E

Laboratory Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brittany Long
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Generated 4/10/2024 5:13:54 PM

JOB DESCRIPTION

Daisy
Eddy County, NM

JOB NUMBER

880-41880-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

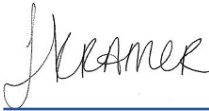
Eurofins Midland

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

Client: Tetra Tech, Inc.
Project/Site: Daisy

Laboratory Job ID: 880-41880-1
SDG: Eddy County, NM

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low 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: Daisy

Job ID: 880-41880-1

Job ID: 880-41880-1

Eurofins Midland

Job Narrative
880-41880-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/4/2024 5:05 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 2.9°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-2 3' (880-41880-1), T-2 4' (880-41880-2), T-3 0-1' (880-41880-3), T-3 2' (880-41880-4), T-3 3' (880-41880-5), T-3 4' (880-41880-6), T-4 0-1' (880-41880-7), T-4 2' (880-41880-8), T-4 3' (880-41880-9), T-11 0-1' (880-41880-10), T-11 2' (880-41880-11), T-11 3' (880-41880-12), T-11 4' (880-41880-13), T-12 0-1' (880-41880-14), T-12 2' (880-41880-15), T-12 3' (880-41880-16), T-12 4' (880-41880-17), T-12 5' (880-41880-18), T-13 0-1' (880-41880-19), T-13 2' (880-41880-20), T-13 3' (880-41880-21), T-13 4' (880-41880-22), T-1 0-1' (880-41880-23), T-1 2' (880-41880-24), T-1 3' (880-41880-25), T-2 0-1' (880-41880-26) and T-2 2' (880-41880-27).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-77453 and analytical batch 880-77433 was outside the control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-77505 and analytical batch 880-77433 was outside the control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-77455 and analytical batch 880-77433 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 surrogate recovery for the blank associated with preparation batch 880-77455 and analytical batch 880-77433 was outside the control limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-77494/1-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-12 3' (880-41880-16), T-12 4' (880-41880-17), T-12 5' (880-41880-18), T-13 0-1' (880-41880-19), T-13 2' (880-41880-20), T-13 3' (880-41880-21), T-13 4' (880-41880-22), T-1 0-1' (880-41880-23), T-1 2' (880-41880-24), T-1 3' (880-41880-25), T-2 0-1' (880-41880-26), T-2 2' (880-41880-27), (880-41887-A-1-D), (880-41887-A-1-E MS) and (880-41887-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-2 3' (880-41880-1), T-2 4' (880-41880-2), T-3 2' (880-41880-4), T-3 4' (880-41880-6), T-4 0-1' (880-41880-7), T-4 2' (880-41880-8), T-11 0-1' (880-41880-10), T-11 2' (880-41880-11), T-11 3' (880-41880-12), T-11 4' (880-41880-13), T-12 0-1' (880-41880-14), T-12 2' (880-41880-15) and (880-41880-A-1-H MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Eurofins Midland

Case Narrative

Client: Tetra Tech, Inc.
Project: Daisy

Job ID: 880-41880-1

Job ID: 880-41880-1 (Continued) Eurofins Midland

Method 8015MOD_NM: The method blank for preparation batch 880-77497 and analytical batch 880-77422 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-77422 recovered below the lower control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-77422/31).

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

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-2 3'

Lab Sample ID: 880-41880-1

Date Collected: 03/28/24 11:30

Matrix: Solid

Date Received: 04/04/24 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F2 F1	0.00199		mg/Kg		04/05/24 09:59	04/06/24 09:51	1
Ethylbenzene	<0.00199	U F2 F1	0.00199		mg/Kg		04/05/24 09:59	04/06/24 09:51	1
Toluene	0.00201	F2 F1	0.00199		mg/Kg		04/05/24 09:59	04/06/24 09:51	1
Xylenes, Total	<0.00398	U F2 F1	0.00398		mg/Kg		04/05/24 09:59	04/06/24 09:51	1
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.00398		mg/Kg		04/05/24 09:59	04/06/24 09:51	1
o-Xylene	<0.00199	U F2 F1	0.00199		mg/Kg		04/05/24 09:59	04/06/24 09:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	04/05/24 09:59	04/06/24 09:51	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/05/24 09:59	04/06/24 09:51	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			04/06/24 09:51	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			04/05/24 21:52	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		04/05/24 14:44	04/05/24 21:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 21:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 21:52	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	04/05/24 14:44	04/05/24 21:52	1
o-Terphenyl	134	S1+	70 - 130	04/05/24 14:44	04/05/24 21:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.48		5.05		mg/Kg			04/10/24 01:29	1

Client Sample ID: T-2 4'

Lab Sample ID: 880-41880-2

Date Collected: 03/28/24 11:40

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 10:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/05/24 09:59	04/06/24 10:11	1
Toluene	0.00226		0.00201		mg/Kg		04/05/24 09:59	04/06/24 10:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/05/24 09:59	04/06/24 10:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/05/24 09:59	04/06/24 10:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/05/24 09:59	04/06/24 10:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	04/05/24 09:59	04/06/24 10:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/05/24 09:59	04/06/24 10:11	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-2 4'

Lab Sample ID: 880-41880-2

Date Collected: 03/28/24 11:40

Matrix: Solid

Date Received: 04/04/24 17:05

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			04/06/24 10:11	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			04/05/24 22:55	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	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/05/24 22:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/05/24 22:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/05/24 22:55	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/05/24 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	04/05/24 14:44	04/05/24 22:55	1
o-Terphenyl	139	S1+	70 - 130	04/05/24 14:44	04/05/24 22:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			04/10/24 01:48	1

Client Sample ID: T-3 0-1'

Lab Sample ID: 880-41880-3

Date Collected: 03/28/24 12:00

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 10:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:59	04/06/24 10:32	1
Toluene	0.00223		0.00202		mg/Kg		04/05/24 09:59	04/06/24 10:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/05/24 09:59	04/06/24 10:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/05/24 09:59	04/06/24 10:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:59	04/06/24 10:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/05/24 09:59	04/06/24 10:32	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/05/24 09:59	04/06/24 10:32	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			04/06/24 10:32	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			04/05/24 23:16	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		04/05/24 14:44	04/05/24 23:16	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-3 0-1'

Lab Sample ID: 880-41880-3

Date Collected: 03/28/24 12:00

Matrix: Solid

Date Received: 04/04/24 17:05

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)	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/05/24 23:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/05/24 23:16	1
Total TPH	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/05/24 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				04/05/24 14:44	04/05/24 23:16	1
o-Terphenyl	130		70 - 130				04/05/24 14:44	04/05/24 23:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		4.99		mg/Kg			04/10/24 01:54	1

Client Sample ID: T-3 2'

Lab Sample ID: 880-41880-4

Date Collected: 03/28/24 12:10

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 10:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 10:53	1
Toluene	0.00212		0.00200		mg/Kg		04/05/24 09:59	04/06/24 10:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/05/24 09:59	04/06/24 10:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/05/24 09:59	04/06/24 10:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/05/24 09:59	04/06/24 10:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/05/24 09:59	04/06/24 10:53	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			04/06/24 10:53	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			04/05/24 23:36	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		04/05/24 14:44	04/05/24 23:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 23:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 23:36	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 23:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				04/05/24 14:44	04/05/24 23:36	1
o-Terphenyl	139	S1+	70 - 130				04/05/24 14:44	04/05/24 23:36	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-3 2'

Lab Sample ID: 880-41880-4

Date Collected: 03/28/24 12:10

Matrix: Solid

Date Received: 04/04/24 17:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.89		5.04		mg/Kg			04/10/24 02:00	1

Client Sample ID: T-3 3'

Lab Sample ID: 880-41880-5

Date Collected: 03/28/24 12:20

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 11:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 11:13	1
Toluene	0.00203		0.00198		mg/Kg		04/05/24 09:59	04/06/24 11:13	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/05/24 09:59	04/06/24 11:13	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/05/24 09:59	04/06/24 11:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 11:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	04/05/24 09:59	04/06/24 11:13	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/05/24 09:59	04/06/24 11:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/06/24 11:13	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			04/05/24 23:57	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		04/05/24 14:44	04/05/24 23:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/05/24 23:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/05/24 23:57	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/05/24 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	04/05/24 14:44	04/05/24 23:57	1
o-Terphenyl	127		70 - 130	04/05/24 14:44	04/05/24 23:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.64		5.03		mg/Kg			04/10/24 02:07	1

Client Sample ID: T-3 4'

Lab Sample ID: 880-41880-6

Date Collected: 03/28/24 12:30

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 11:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:59	04/06/24 11:34	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-3 4'

Lab Sample ID: 880-41880-6

Date Collected: 03/28/24 12:30

Matrix: Solid

Date Received: 04/04/24 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00209		0.00199		mg/Kg		04/05/24 09:59	04/06/24 11:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/24 09:59	04/06/24 11:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/05/24 09:59	04/06/24 11:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:59	04/06/24 11:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/05/24 09:59	04/06/24 11:34	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/05/24 09:59	04/06/24 11:34	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			04/06/24 11:34	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			04/06/24 00:18	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	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 00:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 00:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 00:18	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				04/05/24 14:44	04/06/24 00:18	1
o-Terphenyl	132	S1+	70 - 130				04/05/24 14:44	04/06/24 00:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.0		5.00		mg/Kg			04/10/24 02:26	1

Client Sample ID: T-4 0-1'

Lab Sample ID: 880-41880-7

Date Collected: 03/28/24 13:20

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 11:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 11:55	1
Toluene	0.00201		0.00198		mg/Kg		04/05/24 09:59	04/06/24 11:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/05/24 09:59	04/06/24 11:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/05/24 09:59	04/06/24 11:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/05/24 09:59	04/06/24 11:55	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/05/24 09:59	04/06/24 11:55	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-4 0-1'

Lab Sample ID: 880-41880-7

Date Collected: 03/28/24 13:20

Matrix: Solid

Date Received: 04/04/24 17:05

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			04/06/24 11:55	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			04/06/24 00:39	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		04/05/24 14:44	04/06/24 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/06/24 00:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/06/24 00:39	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/06/24 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	04/05/24 14:44	04/06/24 00:39	1
o-Terphenyl	143	S1+	70 - 130	04/05/24 14:44	04/06/24 00:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.7		4.95		mg/Kg			04/10/24 02:32	1

Client Sample ID: T-4 2'

Lab Sample ID: 880-41880-8

Date Collected: 03/28/24 13:30

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 12:15	1
Toluene	0.00220		0.00200		mg/Kg		04/05/24 09:59	04/06/24 12:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/05/24 09:59	04/06/24 12:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/05/24 09:59	04/06/24 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/05/24 09:59	04/06/24 12:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/05/24 09:59	04/06/24 12:15	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			04/06/24 12:15	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			04/06/24 01:00	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		04/05/24 14:44	04/06/24 01:00	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-4 2'

Lab Sample ID: 880-41880-8

Date Collected: 03/28/24 13:30

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 14:44	04/06/24 01:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/06/24 01:00	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/06/24 01:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				04/05/24 14:44	04/06/24 01:00	1
o-Terphenyl	137	S1+	70 - 130				04/05/24 14:44	04/06/24 01:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		5.05		mg/Kg			04/09/24 11:36	1

Client Sample ID: T-4 3'

Lab Sample ID: 880-41880-9

Date Collected: 03/28/24 13:40

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 12:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/05/24 09:59	04/06/24 12:36	1
Toluene	0.00246		0.00201		mg/Kg		04/05/24 09:59	04/06/24 12:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/05/24 09:59	04/06/24 12:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/05/24 09:59	04/06/24 12:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/05/24 09:59	04/06/24 12:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/05/24 09:59	04/06/24 12:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/05/24 09:59	04/06/24 12:36	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			04/06/24 12:36	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			04/06/24 01:21	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	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/06/24 01:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/06/24 01:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/06/24 01:21	1
Total TPH	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/06/24 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				04/05/24 14:44	04/06/24 01:21	1
o-Terphenyl	125		70 - 130				04/05/24 14:44	04/06/24 01:21	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-4 3'

Lab Sample ID: 880-41880-9

Date Collected: 03/28/24 13:40

Matrix: Solid

Date Received: 04/04/24 17:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			04/09/24 11:42	1

Client Sample ID: T-11 0-1'

Lab Sample ID: 880-41880-10

Date Collected: 03/26/24 11:00

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 12:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 12:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 12:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/05/24 09:59	04/06/24 12:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/05/24 09:59	04/06/24 12:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 12:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	04/05/24 09:59	04/06/24 12:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/05/24 09:59	04/06/24 12:57	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			04/06/24 12:57	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			04/06/24 01:42	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		04/05/24 14:44	04/06/24 01:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/05/24 14:44	04/06/24 01:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/05/24 14:44	04/06/24 01:42	1
Total TPH	<50.1	U	50.1		mg/Kg		04/05/24 14:44	04/06/24 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	04/05/24 14:44	04/06/24 01:42	1
o-Terphenyl	138	S1+	70 - 130	04/05/24 14:44	04/06/24 01:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		5.05		mg/Kg			04/10/24 02:38	1

Client Sample ID: T-11 2'

Lab Sample ID: 880-41880-11

Date Collected: 03/26/24 11:15

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 14:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:59	04/06/24 14:19	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-11 2'

Lab Sample ID: 880-41880-11

Date Collected: 03/26/24 11:15

Matrix: Solid

Date Received: 04/04/24 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:59	04/06/24 14:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/05/24 09:59	04/06/24 14:19	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/05/24 09:59	04/06/24 14:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:59	04/06/24 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				04/05/24 09:59	04/06/24 14:19	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/05/24 09:59	04/06/24 14:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/06/24 14:19	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			04/06/24 02:24	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		04/05/24 14:44	04/06/24 02:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/06/24 02:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/06/24 02:24	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/06/24 02:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				04/05/24 14:44	04/06/24 02:24	1
o-Terphenyl	144	S1+	70 - 130				04/05/24 14:44	04/06/24 02:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		5.05		mg/Kg			04/10/24 02:45	1

Client Sample ID: T-11 3'

Lab Sample ID: 880-41880-12

Date Collected: 03/26/24 11:25

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 14:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:59	04/06/24 14:40	1
Toluene	0.00221		0.00199		mg/Kg		04/05/24 09:59	04/06/24 14:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/24 09:59	04/06/24 14:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/05/24 09:59	04/06/24 14:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:59	04/06/24 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/05/24 09:59	04/06/24 14:40	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/05/24 09:59	04/06/24 14:40	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-11 3'

Lab Sample ID: 880-41880-12

Date Collected: 03/26/24 11:25

Matrix: Solid

Date Received: 04/04/24 17:05

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			04/06/24 14:40	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			04/06/24 02:46	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	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 02:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 02:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 02:46	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130	04/05/24 14:44	04/06/24 02:46	1
o-Terphenyl	160	S1+	70 - 130	04/05/24 14:44	04/06/24 02:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.5		5.04		mg/Kg			04/10/24 02:51	1

Client Sample ID: T-11 4'

Lab Sample ID: 880-41880-13

Date Collected: 03/26/24 11:30

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 15:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:59	04/06/24 15:01	1
Toluene	0.00212		0.00199		mg/Kg		04/05/24 09:59	04/06/24 15:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/24 09:59	04/06/24 15:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/05/24 09:59	04/06/24 15:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:59	04/06/24 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/05/24 09:59	04/06/24 15:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/05/24 09:59	04/06/24 15:01	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			04/06/24 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/06/24 03:07	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	<49.7	U	49.7		mg/Kg		04/05/24 14:44	04/06/24 03:07	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-11 4'

Lab Sample ID: 880-41880-13

Date Collected: 03/26/24 11:30

Matrix: Solid

Date Received: 04/04/24 17:05

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)	<49.7	U	49.7		mg/Kg		04/05/24 14:44	04/06/24 03:07	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/05/24 14:44	04/06/24 03:07	1
Total TPH	<49.7	U	49.7		mg/Kg		04/05/24 14:44	04/06/24 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				04/05/24 14:44	04/06/24 03:07	1
o-Terphenyl	139	S1+	70 - 130				04/05/24 14:44	04/06/24 03:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		5.03		mg/Kg			04/10/24 02:57	1

Client Sample ID: T-12 0-1'

Lab Sample ID: 880-41880-14

Date Collected: 03/26/24 11:40

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 15:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 15:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 15:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/05/24 09:59	04/06/24 15:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/05/24 09:59	04/06/24 15:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/05/24 09:59	04/06/24 15:21	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/05/24 09:59	04/06/24 15:21	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			04/06/24 15:21	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			04/06/24 03:28	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		04/05/24 14:44	04/06/24 03:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 03:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 03:28	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 14:44	04/06/24 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				04/05/24 14:44	04/06/24 03:28	1
o-Terphenyl	141	S1+	70 - 130				04/05/24 14:44	04/06/24 03:28	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-12 0-1'

Lab Sample ID: 880-41880-14

Date Collected: 03/26/24 11:40

Matrix: Solid

Date Received: 04/04/24 17:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	983		4.98		mg/Kg			04/10/24 03:16	1

Client Sample ID: T-12 2'

Lab Sample ID: 880-41880-15

Date Collected: 03/26/24 11:45

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 15:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 15:42	1
Toluene	0.00242		0.00198		mg/Kg		04/05/24 09:59	04/06/24 15:42	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/05/24 09:59	04/06/24 15:42	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/05/24 09:59	04/06/24 15:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/05/24 09:59	04/06/24 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/05/24 09:59	04/06/24 15:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/05/24 09:59	04/06/24 15:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/06/24 15:42	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			04/06/24 03:49	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		04/05/24 14:44	04/06/24 03:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/06/24 03:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/06/24 03:49	1
Total TPH	<49.8	U	49.8		mg/Kg		04/05/24 14:44	04/06/24 03:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				04/05/24 14:44	04/06/24 03:49	1
o-Terphenyl	143	S1+	70 - 130				04/05/24 14:44	04/06/24 03:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	860		5.00		mg/Kg			04/10/24 03:22	1

Client Sample ID: T-12 3'

Lab Sample ID: 880-41880-16

Date Collected: 03/26/24 11:50

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 16:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:59	04/06/24 16:02	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-12 3'

Lab Sample ID: 880-41880-16

Date Collected: 03/26/24 11:50

Matrix: Solid

Date Received: 04/04/24 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:59	04/06/24 16:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/05/24 09:59	04/06/24 16:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/05/24 09:59	04/06/24 16:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:59	04/06/24 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/05/24 09:59	04/06/24 16:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/05/24 09:59	04/06/24 16:02	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			04/06/24 16:02	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			04/06/24 01:21	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		04/05/24 13:49	04/06/24 01:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 01:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 01:21	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				04/05/24 13:49	04/06/24 01:21	1
o-Terphenyl	126		70 - 130				04/05/24 13:49	04/06/24 01:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		24.8		mg/Kg			04/10/24 03:41	5

Client Sample ID: T-12 4'

Lab Sample ID: 880-41880-17

Date Collected: 03/26/24 12:00

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 16:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 16:23	1
Toluene	0.00213		0.00200		mg/Kg		04/05/24 09:59	04/06/24 16:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/05/24 09:59	04/06/24 16:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/05/24 09:59	04/06/24 16:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/05/24 09:59	04/06/24 16:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/05/24 09:59	04/06/24 16:23	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-12 4'

Lab Sample ID: 880-41880-17

Date Collected: 03/26/24 12:00

Matrix: Solid

Date Received: 04/04/24 17:05

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			04/06/24 16:23	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			04/06/24 01:42	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		04/05/24 13:49	04/06/24 01:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/05/24 13:49	04/06/24 01:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/05/24 13:49	04/06/24 01:42	1
Total TPH	<49.8	U	49.8		mg/Kg		04/05/24 13:49	04/06/24 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	04/05/24 13:49	04/06/24 01:42	1
o-Terphenyl	119		70 - 130	04/05/24 13:49	04/06/24 01:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		25.0		mg/Kg			04/10/24 03:48	5

Client Sample ID: T-12 5'

Lab Sample ID: 880-41880-18

Date Collected: 03/26/24 12:05

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 16:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 16:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 16:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/05/24 09:59	04/06/24 16:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/05/24 09:59	04/06/24 16:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/05/24 09:59	04/06/24 16:43	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/05/24 09:59	04/06/24 16:43	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			04/06/24 16:43	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			04/06/24 02:24	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		04/05/24 13:49	04/06/24 02:24	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-12 5'

Lab Sample ID: 880-41880-18

Date Collected: 03/26/24 12:05

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 13:49	04/06/24 02:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 02:24	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 02:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				04/05/24 13:49	04/06/24 02:24	1
o-Terphenyl	119		70 - 130				04/05/24 13:49	04/06/24 02:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		25.1		mg/Kg			04/10/24 03:54	5

Client Sample ID: T-13 0-1'

Lab Sample ID: 880-41880-19

Date Collected: 03/26/24 13:00

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 17:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:59	04/06/24 17:04	1
Toluene	0.00232		0.00199		mg/Kg		04/05/24 09:59	04/06/24 17:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/24 09:59	04/06/24 17:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/05/24 09:59	04/06/24 17:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:59	04/06/24 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				04/05/24 09:59	04/06/24 17:04	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/05/24 09:59	04/06/24 17:04	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			04/06/24 17:04	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			04/06/24 02:46	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		04/05/24 13:49	04/06/24 02:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 02:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 02:46	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130				04/05/24 13:49	04/06/24 02:46	1
o-Terphenyl	136	S1+	70 - 130				04/05/24 13:49	04/06/24 02:46	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-13 0-1'

Lab Sample ID: 880-41880-19

Date Collected: 03/26/24 13:00

Matrix: Solid

Date Received: 04/04/24 17:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	895		5.03		mg/Kg			04/10/24 04:00	1

Client Sample ID: T-13 2'

Lab Sample ID: 880-41880-20

Date Collected: 03/26/24 13:20

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:59	04/06/24 17:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 17:25	1
Toluene	0.00200		0.00200		mg/Kg		04/05/24 09:59	04/06/24 17:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/05/24 09:59	04/06/24 17:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/05/24 09:59	04/06/24 17:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/05/24 09:59	04/06/24 17:25	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/05/24 09:59	04/06/24 17:25	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			04/06/24 17:25	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			04/06/24 03:07	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		04/05/24 13:49	04/06/24 03:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 03:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 03:07	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	04/05/24 13:49	04/06/24 03:07	1
o-Terphenyl	127		70 - 130	04/05/24 13:49	04/06/24 03:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		5.01		mg/Kg			04/10/24 04:07	1

Client Sample ID: T-13 3'

Lab Sample ID: 880-41880-21

Date Collected: 03/26/24 13:30

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:40	04/05/24 13:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/05/24 09:40	04/05/24 13:35	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-13 3'

Lab Sample ID: 880-41880-21

Date Collected: 03/26/24 13:30

Matrix: Solid

Date Received: 04/04/24 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00294		0.00201		mg/Kg		04/05/24 09:40	04/05/24 13:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/05/24 09:40	04/05/24 13:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/05/24 09:40	04/05/24 13:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/05/24 09:40	04/05/24 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/05/24 09:40	04/05/24 13:35	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/05/24 09:40	04/05/24 13:35	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			04/05/24 13:35	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			04/06/24 03:28	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		04/05/24 13:49	04/06/24 03:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 03:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 03:28	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				04/05/24 13:49	04/06/24 03:28	1
o-Terphenyl	119		70 - 130				04/05/24 13:49	04/06/24 03:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	593		4.96		mg/Kg			04/10/24 04:13	1

Client Sample ID: T-13 4'

Lab Sample ID: 880-41880-22

Date Collected: 03/26/24 13:45

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:40	04/05/24 13:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:40	04/05/24 13:56	1
Toluene	0.00306		0.00199		mg/Kg		04/05/24 09:40	04/05/24 13:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/24 09:40	04/05/24 13:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/05/24 09:40	04/05/24 13:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:40	04/05/24 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				04/05/24 09:40	04/05/24 13:56	1
1,4-Difluorobenzene (Surr)	104		70 - 130				04/05/24 09:40	04/05/24 13:56	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-13 4'

Lab Sample ID: 880-41880-22

Date Collected: 03/26/24 13:45

Matrix: Solid

Date Received: 04/04/24 17:05

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			04/05/24 13:56	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			04/06/24 03:49	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	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 03:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 03:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 03:49	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 03:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130	04/05/24 13:49	04/06/24 03:49	1
o-Terphenyl	122		70 - 130	04/05/24 13:49	04/06/24 03:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	714		4.95		mg/Kg			04/10/24 04:19	1

Client Sample ID: T-1 0-1'

Lab Sample ID: 880-41880-23

Date Collected: 03/28/24 10:00

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:40	04/05/24 14:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:40	04/05/24 14:17	1
Toluene	0.00285		0.00200		mg/Kg		04/05/24 09:40	04/05/24 14:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/05/24 09:40	04/05/24 14:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/05/24 09:40	04/05/24 14:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:40	04/05/24 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	04/05/24 09:40	04/05/24 14:17	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/05/24 09:40	04/05/24 14:17	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			04/05/24 14:17	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			04/06/24 04:10	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	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 04:10	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-1 0-1'

Lab Sample ID: 880-41880-23

Date Collected: 03/28/24 10:00

Matrix: Solid

Date Received: 04/04/24 17:05

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)	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 04:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 04:10	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				04/05/24 13:49	04/06/24 04:10	1
o-Terphenyl	126		70 - 130				04/05/24 13:49	04/06/24 04:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		5.03		mg/Kg			04/09/24 11:49	1

Client Sample ID: T-1 2'

Lab Sample ID: 880-41880-24

Date Collected: 03/28/24 10:10

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:40	04/05/24 14:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:40	04/05/24 14:37	1
Toluene	0.00275		0.00202		mg/Kg		04/05/24 09:40	04/05/24 14:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/05/24 09:40	04/05/24 14:37	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/05/24 09:40	04/05/24 14:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/05/24 09:40	04/05/24 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				04/05/24 09:40	04/05/24 14:37	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/05/24 09:40	04/05/24 14:37	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			04/05/24 14:37	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			04/06/24 04:31	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		04/05/24 13:49	04/06/24 04:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/05/24 13:49	04/06/24 04:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/05/24 13:49	04/06/24 04:31	1
Total TPH	<49.8	U	49.8		mg/Kg		04/05/24 13:49	04/06/24 04:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				04/05/24 13:49	04/06/24 04:31	1
o-Terphenyl	113		70 - 130				04/05/24 13:49	04/06/24 04:31	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-1 2'

Lab Sample ID: 880-41880-24

Date Collected: 03/28/24 10:10

Matrix: Solid

Date Received: 04/04/24 17:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.08		4.96		mg/Kg			04/09/24 11:55	1

Client Sample ID: T-1 3'

Lab Sample ID: 880-41880-25

Date Collected: 03/28/24 10:20

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:40	04/05/24 14:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:40	04/05/24 14:58	1
Toluene	0.00282		0.00200		mg/Kg		04/05/24 09:40	04/05/24 14:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/05/24 09:40	04/05/24 14:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/05/24 09:40	04/05/24 14:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:40	04/05/24 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/05/24 09:40	04/05/24 14:58	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/05/24 09:40	04/05/24 14:58	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			04/05/24 14:58	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			04/06/24 04:52	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		04/05/24 13:49	04/06/24 04:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 04:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 04:52	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 04:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130				04/05/24 13:49	04/06/24 04:52	1
o-Terphenyl	132	S1+	70 - 130				04/05/24 13:49	04/06/24 04:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.58		4.96		mg/Kg			04/09/24 12:01	1

Client Sample ID: T-2 0-1'

Lab Sample ID: 880-41880-26

Date Collected: 03/28/24 11:10

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:40	04/05/24 15:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:40	04/05/24 15:19	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-2 0-1'

Lab Sample ID: 880-41880-26

Date Collected: 03/28/24 11:10

Matrix: Solid

Date Received: 04/04/24 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00373		0.00199		mg/Kg		04/05/24 09:40	04/05/24 15:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/24 09:40	04/05/24 15:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/05/24 09:40	04/05/24 15:19	1
o-Xylene	0.00200		0.00199		mg/Kg		04/05/24 09:40	04/05/24 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/05/24 09:40	04/05/24 15:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/05/24 09:40	04/05/24 15:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00573		0.00398		mg/Kg			04/05/24 15:19	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			04/06/24 05:13	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		04/05/24 13:49	04/06/24 05:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 05:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 05:13	1
Total TPH	<49.9	U	49.9		mg/Kg		04/05/24 13:49	04/06/24 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				04/05/24 13:49	04/06/24 05:13	1
o-Terphenyl	127		70 - 130				04/05/24 13:49	04/06/24 05:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		5.00		mg/Kg			04/09/24 12:08	1

Client Sample ID: T-2 2'

Lab Sample ID: 880-41880-27

Date Collected: 03/28/24 11:20

Matrix: Solid

Date Received: 04/04/24 17:05

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		04/05/24 09:40	04/05/24 15:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:40	04/05/24 15:39	1
Toluene	0.00291		0.00199		mg/Kg		04/05/24 09:40	04/05/24 15:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/05/24 09:40	04/05/24 15:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/05/24 09:40	04/05/24 15:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/05/24 09:40	04/05/24 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/05/24 09:40	04/05/24 15:39	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/05/24 09:40	04/05/24 15:39	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-2 2'
Date Collected: 03/28/24 11:20
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-27
Matrix: Solid

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			04/05/24 15:39	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			04/06/24 05:34	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		04/05/24 13:49	04/06/24 05:34	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 05:34	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 05:34	1	
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/06/24 05:34	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	133	S1+	70 - 130				04/05/24 13:49	04/06/24 05:34	1	
o-Terphenyl	119		70 - 130				04/05/24 13:49	04/06/24 05:34	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<4.97	U	4.97		mg/Kg			04/09/24 12:14	1	

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

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)
880-41880-1	T-2 3'	80	103
880-41880-1 MS	T-2 3'	93	102
880-41880-1 MSD	T-2 3'	98	101
880-41880-2	T-2 4'	91	100
880-41880-3	T-3 0-1'	94	102
880-41880-4	T-3 2'	91	99
880-41880-5	T-3 3'	88	100
880-41880-6	T-3 4'	95	100
880-41880-7	T-4 0-1'	92	101
880-41880-8	T-4 2'	92	99
880-41880-9	T-4 3'	92	99
880-41880-10	T-11 0-1'	88	97
880-41880-11	T-11 2'	87	94
880-41880-12	T-11 3'	97	95
880-41880-13	T-11 4'	96	96
880-41880-14	T-12 0-1'	91	92
880-41880-15	T-12 2'	108	97
880-41880-16	T-12 3'	101	94
880-41880-17	T-12 4'	99	94
880-41880-18	T-12 5'	94	92
880-41880-19	T-13 0-1'	112	95
880-41880-20	T-13 2'	100	96
880-41880-21	T-13 3'	91	103
880-41880-22	T-13 4'	90	104
880-41880-23	T-1 0-1'	90	100
880-41880-24	T-1 2'	87	102
880-41880-25	T-1 3'	88	102
880-41880-26	T-2 0-1'	97	102
880-41880-27	T-2 2'	92	101
LCS 880-77453/1-A	Lab Control Sample	99	96
LCS 880-77455/1-A	Lab Control Sample	103	104
LCSD 880-77453/2-A	Lab Control Sample Dup	107	95
LCSD 880-77455/2-A	Lab Control Sample Dup	99	99
MB 880-77453/5-A	Method Blank	66 S1-	100
MB 880-77455/5-A	Method Blank	68 S1-	98
MB 880-77505/5-A	Method Blank	66 S1-	97
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)
880-41880-1	T-2 3'	124	134 S1+
880-41880-1 MS	T-2 3'	131 S1+	131 S1+
880-41880-1 MSD	T-2 3'	120	118

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Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 880-41880-1

Project/Site: Daisy

SDG: Eddy County, NM

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)
880-41880-2	T-2 4'	124	139 S1+
880-41880-3	T-3 0-1'	118	130
880-41880-4	T-3 2'	129	139 S1+
880-41880-5	T-3 3'	119	127
880-41880-6	T-3 4'	124	132 S1+
880-41880-7	T-4 0-1'	134 S1+	143 S1+
880-41880-8	T-4 2'	127	137 S1+
880-41880-9	T-4 3'	116	125
880-41880-10	T-11 0-1'	128	138 S1+
880-41880-11	T-11 2'	134 S1+	144 S1+
880-41880-12	T-11 3'	146 S1+	160 S1+
880-41880-13	T-11 4'	129	139 S1+
880-41880-14	T-12 0-1'	127	141 S1+
880-41880-15	T-12 2'	128	143 S1+
880-41880-16	T-12 3'	142 S1+	126
880-41880-17	T-12 4'	132 S1+	119
880-41880-18	T-12 5'	136 S1+	119
880-41880-19	T-13 0-1'	149 S1+	136 S1+
880-41880-20	T-13 2'	139 S1+	127
880-41880-21	T-13 3'	135 S1+	119
880-41880-22	T-13 4'	137 S1+	122
880-41880-23	T-1 0-1'	139 S1+	126
880-41880-24	T-1 2'	136 S1+	113
880-41880-25	T-1 3'	147 S1+	132 S1+
880-41880-26	T-2 0-1'	137 S1+	127
880-41880-27	T-2 2'	133 S1+	119
880-41887-A-1-E MS	Matrix Spike	143 S1+	119
880-41887-A-1-F MSD	Matrix Spike Duplicate	141 S1+	114
LCS 880-77494/2-A	Lab Control Sample	107	111
LCS 880-77497/2-A	Lab Control Sample	88	105
LCSD 880-77494/3-A	Lab Control Sample Dup	89	90
LCSD 880-77497/3-A	Lab Control Sample Dup	79	94
MB 880-77494/1-A	Method Blank	220 S1+	210 S1+
MB 880-77497/1-A	Method Blank	115	127

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-77453/5-A

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:40	04/05/24 12:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:40	04/05/24 12:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:40	04/05/24 12:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/05/24 09:40	04/05/24 12:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/05/24 09:40	04/05/24 12:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:40	04/05/24 12:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130	04/05/24 09:40	04/05/24 12:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/05/24 09:40	04/05/24 12:11	1

Lab Sample ID: LCS 880-77453/1-A

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09384		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09814		mg/Kg		98	70 - 130
Toluene	0.100	0.09395		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1939		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09582		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-77453/2-A

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77453

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08602		mg/Kg		86	70 - 130	9	35
Ethylbenzene	0.100	0.09809		mg/Kg		98	70 - 130	0	35
Toluene	0.100	0.09223		mg/Kg		92	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1960		mg/Kg		98	70 - 130	1	35
o-Xylene	0.100	0.09700		mg/Kg		97	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-77455/5-A

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77455

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 09:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 09:29	1

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-77455/5-A

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77455

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 09:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/05/24 09:59	04/06/24 09:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/05/24 09:59	04/06/24 09:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 09:59	04/06/24 09:29	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130	04/05/24 09:59	04/06/24 09:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/05/24 09:59	04/06/24 09:29	1

Lab Sample ID: LCS 880-77455/1-A

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77455

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09530		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130
Toluene	0.100	0.09457		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2078		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1056		mg/Kg		106	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-77455/2-A

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77455

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1015		mg/Kg		102	70 - 130	6	35
Ethylbenzene	0.100	0.09644		mg/Kg		96	70 - 130	7	35
Toluene	0.100	0.09423		mg/Kg		94	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1897		mg/Kg		95	70 - 130	9	35
o-Xylene	0.100	0.09648		mg/Kg		96	70 - 130	9	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-41880-1 MS

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: T-2 3'

Prep Type: Total/NA

Prep Batch: 77455

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00199	U F2 F1	0.0996	0.02707	F1	mg/Kg		27	70 - 130
Ethylbenzene	<0.00199	U F2 F1	0.0996	0.009474	F1	mg/Kg		10	70 - 130
Toluene	0.00201	F2 F1	0.0996	0.01732	F1	mg/Kg		15	70 - 130
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.199	0.01684	F1	mg/Kg		8	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-41880-1 MS

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: T-2 3'

Prep Type: Total/NA

Prep Batch: 77455

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00199	U F2 F1	0.0996	0.01038	F1	mg/Kg		10	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		70 - 130						
1,4-Difluorobenzene (Surr)	102		70 - 130						

Lab Sample ID: 880-41880-1 MSD

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: T-2 3'

Prep Type: Total/NA

Prep Batch: 77455

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.101	0.05474	F2 F1	mg/Kg		54	70 - 130	68	35
Ethylbenzene	<0.00199	U F2 F1	0.101	0.02765	F2 F1	mg/Kg		27	70 - 130	98	35
Toluene	0.00201	F2 F1	0.101	0.03754	F2 F1	mg/Kg		35	70 - 130	74	35
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.202	0.05306	F2 F1	mg/Kg		26	70 - 130	104	35
o-Xylene	<0.00199	U F2 F1	0.101	0.03000	F2 F1	mg/Kg		30	70 - 130	97	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

Lab Sample ID: MB 880-77505/5-A

Matrix: Solid

Analysis Batch: 77433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77505

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/05/24 15:33	04/05/24 22:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/05/24 15:33	04/05/24 22:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/05/24 15:33	04/05/24 22:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/05/24 15:33	04/05/24 22:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/05/24 15:33	04/05/24 22:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/05/24 15:33	04/05/24 22:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130				04/05/24 15:33	04/05/24 22:50	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/05/24 15:33	04/05/24 22:50	1

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

Lab Sample ID: MB 880-77494/1-A

Matrix: Solid

Analysis Batch: 77423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77494

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		04/05/24 13:49	04/05/24 20:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/05/24 20:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/05/24 20:49	1

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-77494/1-A

Matrix: Solid

Analysis Batch: 77423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77494

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 13:49	04/05/24 20:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	220	S1+	70 - 130	04/05/24 13:49	04/05/24 20:49	1
o-Terphenyl	210	S1+	70 - 130	04/05/24 13:49	04/05/24 20:49	1

Lab Sample ID: LCS 880-77494/2-A

Matrix: Solid

Analysis Batch: 77423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77494

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1088		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1097		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: LCSD 880-77494/3-A

Matrix: Solid

Analysis Batch: 77423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77494

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1122		mg/Kg		112	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		104	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-41887-A-1-E MS

Matrix: Solid

Analysis Batch: 77423

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 77494

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	859.4		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1164		mg/Kg		115	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	143	S1+	70 - 130
o-Terphenyl	119		70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-41887-A-1-F MSD

Matrix: Solid

Analysis Batch: 77423

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 77494

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	<50.0	U	1000	843.3		mg/Kg		82	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1139		mg/Kg		112	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	141	S1+	70 - 130								
o-Terphenyl	114		70 - 130								

Lab Sample ID: MB 880-77497/1-A

Matrix: Solid

Analysis Batch: 77422

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77497

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		04/05/24 14:44	04/05/24 20:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 20:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 20:49	1
Total TPH	<50.0	U	50.0		mg/Kg		04/05/24 14:44	04/05/24 20:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				04/05/24 14:44	04/05/24 20:49	1
o-Terphenyl	127		70 - 130				04/05/24 14:44	04/05/24 20:49	1

Lab Sample ID: LCS 880-77497/2-A

Matrix: Solid

Analysis Batch: 77422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77497

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	873.7		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	757.4		mg/Kg		76	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	105		70 - 130						

Lab Sample ID: LCSD 880-77497/3-A

Matrix: Solid

Analysis Batch: 77422

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77497

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	863.2		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	791.1		mg/Kg		79	70 - 130	4	20

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

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

Lab Sample ID: LCSD 880-77497/3-A

Matrix: Solid

Analysis Batch: 77422

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77497

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-41880-1 MS

Matrix: Solid

Analysis Batch: 77422

Client Sample ID: T-2 3'

Prep Type: Total/NA

Prep Batch: 77497

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1029		mg/Kg		98	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1025		mg/Kg		98	70 - 130	
Surrogate	%Recovery	Qualifier	Limits	MS	MS					
1-Chlorooctane	131	S1+	70 - 130							
o-Terphenyl	131	S1+	70 - 130							

Lab Sample ID: 880-41880-1 MSD

Matrix: Solid

Analysis Batch: 77422

Client Sample ID: T-2 3'

Prep Type: Total/NA

Prep Batch: 77497

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	937.6		mg/Kg		89	70 - 130	9	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	934.1		mg/Kg		89	70 - 130	9	20	
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD							
1-Chlorooctane	120		70 - 130									
o-Terphenyl	118		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-77451/1-A

Matrix: Solid

Analysis Batch: 77652

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			04/09/24 09:04	1	

Lab Sample ID: LCS 880-77451/2-A

Matrix: Solid

Analysis Batch: 77652

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	255.0		mg/Kg		102	90 - 110			

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-77451/3-A

Matrix: Solid

Analysis Batch: 77652

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	253.8		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-41870-A-8-B MS

Matrix: Solid

Analysis Batch: 77652

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	5.40		252	262.6		mg/Kg		102	90 - 110

Lab Sample ID: 880-41870-A-8-C MSD

Matrix: Solid

Analysis Batch: 77652

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	5.40		252	264.0		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-77450/1-A

Matrix: Solid

Analysis Batch: 77764

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/24 01:10	1

Lab Sample ID: LCS 880-77450/2-A

Matrix: Solid

Analysis Batch: 77764

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.5		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-77450/3-A

Matrix: Solid

Analysis Batch: 77764

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	262.5		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-41880-1 MS

Matrix: Solid

Analysis Batch: 77764

Client Sample ID: T-2 3'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8.48		253	262.5		mg/Kg		101	90 - 110

Lab Sample ID: 880-41880-1 MSD

Matrix: Solid

Analysis Batch: 77764

Client Sample ID: T-2 3'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8.48		253	260.2		mg/Kg		100	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

GC VOA

Analysis Batch: 77433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-1	T-2 3'	Total/NA	Solid	8021B	77455
880-41880-2	T-2 4'	Total/NA	Solid	8021B	77455
880-41880-3	T-3 0-1'	Total/NA	Solid	8021B	77455
880-41880-4	T-3 2'	Total/NA	Solid	8021B	77455
880-41880-5	T-3 3'	Total/NA	Solid	8021B	77455
880-41880-6	T-3 4'	Total/NA	Solid	8021B	77455
880-41880-7	T-4 0-1'	Total/NA	Solid	8021B	77455
880-41880-8	T-4 2'	Total/NA	Solid	8021B	77455
880-41880-9	T-4 3'	Total/NA	Solid	8021B	77455
880-41880-10	T-11 0-1'	Total/NA	Solid	8021B	77455
880-41880-11	T-11 2'	Total/NA	Solid	8021B	77455
880-41880-12	T-11 3'	Total/NA	Solid	8021B	77455
880-41880-13	T-11 4'	Total/NA	Solid	8021B	77455
880-41880-14	T-12 0-1'	Total/NA	Solid	8021B	77455
880-41880-15	T-12 2'	Total/NA	Solid	8021B	77455
880-41880-16	T-12 3'	Total/NA	Solid	8021B	77455
880-41880-17	T-12 4'	Total/NA	Solid	8021B	77455
880-41880-18	T-12 5'	Total/NA	Solid	8021B	77455
880-41880-19	T-13 0-1'	Total/NA	Solid	8021B	77455
880-41880-20	T-13 2'	Total/NA	Solid	8021B	77455
880-41880-21	T-13 3'	Total/NA	Solid	8021B	77453
880-41880-22	T-13 4'	Total/NA	Solid	8021B	77453
880-41880-23	T-1 0-1'	Total/NA	Solid	8021B	77453
880-41880-24	T-1 2'	Total/NA	Solid	8021B	77453
880-41880-25	T-1 3'	Total/NA	Solid	8021B	77453
880-41880-26	T-2 0-1'	Total/NA	Solid	8021B	77453
880-41880-27	T-2 2'	Total/NA	Solid	8021B	77453
MB 880-77453/5-A	Method Blank	Total/NA	Solid	8021B	77453
MB 880-77455/5-A	Method Blank	Total/NA	Solid	8021B	77455
MB 880-77505/5-A	Method Blank	Total/NA	Solid	8021B	77505
LCS 880-77453/1-A	Lab Control Sample	Total/NA	Solid	8021B	77453
LCS 880-77455/1-A	Lab Control Sample	Total/NA	Solid	8021B	77455
LCSD 880-77453/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77453
LCSD 880-77455/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77455
880-41880-1 MS	T-2 3'	Total/NA	Solid	8021B	77455
880-41880-1 MSD	T-2 3'	Total/NA	Solid	8021B	77455

Prep Batch: 77453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-21	T-13 3'	Total/NA	Solid	5035	
880-41880-22	T-13 4'	Total/NA	Solid	5035	
880-41880-23	T-1 0-1'	Total/NA	Solid	5035	
880-41880-24	T-1 2'	Total/NA	Solid	5035	
880-41880-25	T-1 3'	Total/NA	Solid	5035	
880-41880-26	T-2 0-1'	Total/NA	Solid	5035	
880-41880-27	T-2 2'	Total/NA	Solid	5035	
MB 880-77453/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77453/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-77453/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

GC VOA

Prep Batch: 77455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-1	T-2 3'	Total/NA	Solid	5035	
880-41880-2	T-2 4'	Total/NA	Solid	5035	
880-41880-3	T-3 0-1'	Total/NA	Solid	5035	
880-41880-4	T-3 2'	Total/NA	Solid	5035	
880-41880-5	T-3 3'	Total/NA	Solid	5035	
880-41880-6	T-3 4'	Total/NA	Solid	5035	
880-41880-7	T-4 0-1'	Total/NA	Solid	5035	
880-41880-8	T-4 2'	Total/NA	Solid	5035	
880-41880-9	T-4 3'	Total/NA	Solid	5035	
880-41880-10	T-11 0-1'	Total/NA	Solid	5035	
880-41880-11	T-11 2'	Total/NA	Solid	5035	
880-41880-12	T-11 3'	Total/NA	Solid	5035	
880-41880-13	T-11 4'	Total/NA	Solid	5035	
880-41880-14	T-12 0-1'	Total/NA	Solid	5035	
880-41880-15	T-12 2'	Total/NA	Solid	5035	
880-41880-16	T-12 3'	Total/NA	Solid	5035	
880-41880-17	T-12 4'	Total/NA	Solid	5035	
880-41880-18	T-12 5'	Total/NA	Solid	5035	
880-41880-19	T-13 0-1'	Total/NA	Solid	5035	
880-41880-20	T-13 2'	Total/NA	Solid	5035	
MB 880-77455/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77455/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-77455/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-41880-1 MS	T-2 3'	Total/NA	Solid	5035	
880-41880-1 MSD	T-2 3'	Total/NA	Solid	5035	

Prep Batch: 77505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-77505/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 77674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-1	T-2 3'	Total/NA	Solid	Total BTEX	
880-41880-2	T-2 4'	Total/NA	Solid	Total BTEX	
880-41880-3	T-3 0-1'	Total/NA	Solid	Total BTEX	
880-41880-4	T-3 2'	Total/NA	Solid	Total BTEX	
880-41880-5	T-3 3'	Total/NA	Solid	Total BTEX	
880-41880-6	T-3 4'	Total/NA	Solid	Total BTEX	
880-41880-7	T-4 0-1'	Total/NA	Solid	Total BTEX	
880-41880-8	T-4 2'	Total/NA	Solid	Total BTEX	
880-41880-9	T-4 3'	Total/NA	Solid	Total BTEX	
880-41880-10	T-11 0-1'	Total/NA	Solid	Total BTEX	
880-41880-11	T-11 2'	Total/NA	Solid	Total BTEX	
880-41880-12	T-11 3'	Total/NA	Solid	Total BTEX	
880-41880-13	T-11 4'	Total/NA	Solid	Total BTEX	
880-41880-14	T-12 0-1'	Total/NA	Solid	Total BTEX	
880-41880-15	T-12 2'	Total/NA	Solid	Total BTEX	
880-41880-16	T-12 3'	Total/NA	Solid	Total BTEX	
880-41880-17	T-12 4'	Total/NA	Solid	Total BTEX	
880-41880-18	T-12 5'	Total/NA	Solid	Total BTEX	
880-41880-19	T-13 0-1'	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

GC VOA (Continued)

Analysis Batch: 77674 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-20	T-13 2'	Total/NA	Solid	Total BTEX	
880-41880-21	T-13 3'	Total/NA	Solid	Total BTEX	
880-41880-22	T-13 4'	Total/NA	Solid	Total BTEX	
880-41880-23	T-1 0-1'	Total/NA	Solid	Total BTEX	
880-41880-24	T-1 2'	Total/NA	Solid	Total BTEX	
880-41880-25	T-1 3'	Total/NA	Solid	Total BTEX	
880-41880-26	T-2 0-1'	Total/NA	Solid	Total BTEX	
880-41880-27	T-2 2'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 77422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-1	T-2 3'	Total/NA	Solid	8015B NM	77497
880-41880-2	T-2 4'	Total/NA	Solid	8015B NM	77497
880-41880-3	T-3 0-1'	Total/NA	Solid	8015B NM	77497
880-41880-4	T-3 2'	Total/NA	Solid	8015B NM	77497
880-41880-5	T-3 3'	Total/NA	Solid	8015B NM	77497
880-41880-6	T-3 4'	Total/NA	Solid	8015B NM	77497
880-41880-7	T-4 0-1'	Total/NA	Solid	8015B NM	77497
880-41880-8	T-4 2'	Total/NA	Solid	8015B NM	77497
880-41880-9	T-4 3'	Total/NA	Solid	8015B NM	77497
880-41880-10	T-11 0-1'	Total/NA	Solid	8015B NM	77497
880-41880-11	T-11 2'	Total/NA	Solid	8015B NM	77497
880-41880-12	T-11 3'	Total/NA	Solid	8015B NM	77497
880-41880-13	T-11 4'	Total/NA	Solid	8015B NM	77497
880-41880-14	T-12 0-1'	Total/NA	Solid	8015B NM	77497
880-41880-15	T-12 2'	Total/NA	Solid	8015B NM	77497
MB 880-77497/1-A	Method Blank	Total/NA	Solid	8015B NM	77497
LCS 880-77497/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77497
LCSD 880-77497/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77497
880-41880-1 MS	T-2 3'	Total/NA	Solid	8015B NM	77497
880-41880-1 MSD	T-2 3'	Total/NA	Solid	8015B NM	77497

Analysis Batch: 77423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-16	T-12 3'	Total/NA	Solid	8015B NM	77494
880-41880-17	T-12 4'	Total/NA	Solid	8015B NM	77494
880-41880-18	T-12 5'	Total/NA	Solid	8015B NM	77494
880-41880-19	T-13 0-1'	Total/NA	Solid	8015B NM	77494
880-41880-20	T-13 2'	Total/NA	Solid	8015B NM	77494
880-41880-21	T-13 3'	Total/NA	Solid	8015B NM	77494
880-41880-22	T-13 4'	Total/NA	Solid	8015B NM	77494
880-41880-23	T-1 0-1'	Total/NA	Solid	8015B NM	77494
880-41880-24	T-1 2'	Total/NA	Solid	8015B NM	77494
880-41880-25	T-1 3'	Total/NA	Solid	8015B NM	77494
880-41880-26	T-2 0-1'	Total/NA	Solid	8015B NM	77494
880-41880-27	T-2 2'	Total/NA	Solid	8015B NM	77494
MB 880-77494/1-A	Method Blank	Total/NA	Solid	8015B NM	77494
LCS 880-77494/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77494
LCSD 880-77494/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77494

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 77423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41887-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	77494
880-41887-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	77494

Prep Batch: 77494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-16	T-12 3'	Total/NA	Solid	8015NM Prep	
880-41880-17	T-12 4'	Total/NA	Solid	8015NM Prep	
880-41880-18	T-12 5'	Total/NA	Solid	8015NM Prep	
880-41880-19	T-13 0-1'	Total/NA	Solid	8015NM Prep	
880-41880-20	T-13 2'	Total/NA	Solid	8015NM Prep	
880-41880-21	T-13 3'	Total/NA	Solid	8015NM Prep	
880-41880-22	T-13 4'	Total/NA	Solid	8015NM Prep	
880-41880-23	T-1 0-1'	Total/NA	Solid	8015NM Prep	
880-41880-24	T-1 2'	Total/NA	Solid	8015NM Prep	
880-41880-25	T-1 3'	Total/NA	Solid	8015NM Prep	
880-41880-26	T-2 0-1'	Total/NA	Solid	8015NM Prep	
880-41880-27	T-2 2'	Total/NA	Solid	8015NM Prep	
MB 880-77494/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77494/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77494/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41887-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-41887-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 77497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-1	T-2 3'	Total/NA	Solid	8015NM Prep	
880-41880-2	T-2 4'	Total/NA	Solid	8015NM Prep	
880-41880-3	T-3 0-1'	Total/NA	Solid	8015NM Prep	
880-41880-4	T-3 2'	Total/NA	Solid	8015NM Prep	
880-41880-5	T-3 3'	Total/NA	Solid	8015NM Prep	
880-41880-6	T-3 4'	Total/NA	Solid	8015NM Prep	
880-41880-7	T-4 0-1'	Total/NA	Solid	8015NM Prep	
880-41880-8	T-4 2'	Total/NA	Solid	8015NM Prep	
880-41880-9	T-4 3'	Total/NA	Solid	8015NM Prep	
880-41880-10	T-11 0-1'	Total/NA	Solid	8015NM Prep	
880-41880-11	T-11 2'	Total/NA	Solid	8015NM Prep	
880-41880-12	T-11 3'	Total/NA	Solid	8015NM Prep	
880-41880-13	T-11 4'	Total/NA	Solid	8015NM Prep	
880-41880-14	T-12 0-1'	Total/NA	Solid	8015NM Prep	
880-41880-15	T-12 2'	Total/NA	Solid	8015NM Prep	
MB 880-77497/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77497/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77497/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41880-1 MS	T-2 3'	Total/NA	Solid	8015NM Prep	
880-41880-1 MSD	T-2 3'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 77650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-1	T-2 3'	Total/NA	Solid	8015 NM	
880-41880-2	T-2 4'	Total/NA	Solid	8015 NM	
880-41880-3	T-3 0-1'	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 77650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-4	T-3 2'	Total/NA	Solid	8015 NM	
880-41880-5	T-3 3'	Total/NA	Solid	8015 NM	
880-41880-6	T-3 4'	Total/NA	Solid	8015 NM	
880-41880-7	T-4 0-1'	Total/NA	Solid	8015 NM	
880-41880-8	T-4 2'	Total/NA	Solid	8015 NM	
880-41880-9	T-4 3'	Total/NA	Solid	8015 NM	
880-41880-10	T-11 0-1'	Total/NA	Solid	8015 NM	
880-41880-11	T-11 2'	Total/NA	Solid	8015 NM	
880-41880-12	T-11 3'	Total/NA	Solid	8015 NM	
880-41880-13	T-11 4'	Total/NA	Solid	8015 NM	
880-41880-14	T-12 0-1'	Total/NA	Solid	8015 NM	
880-41880-15	T-12 2'	Total/NA	Solid	8015 NM	
880-41880-16	T-12 3'	Total/NA	Solid	8015 NM	
880-41880-17	T-12 4'	Total/NA	Solid	8015 NM	
880-41880-18	T-12 5'	Total/NA	Solid	8015 NM	
880-41880-19	T-13 0-1'	Total/NA	Solid	8015 NM	
880-41880-20	T-13 2'	Total/NA	Solid	8015 NM	
880-41880-21	T-13 3'	Total/NA	Solid	8015 NM	
880-41880-22	T-13 4'	Total/NA	Solid	8015 NM	
880-41880-23	T-1 0-1'	Total/NA	Solid	8015 NM	
880-41880-24	T-1 2'	Total/NA	Solid	8015 NM	
880-41880-25	T-1 3'	Total/NA	Solid	8015 NM	
880-41880-26	T-2 0-1'	Total/NA	Solid	8015 NM	
880-41880-27	T-2 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 77450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-1	T-2 3'	Soluble	Solid	DI Leach	
880-41880-2	T-2 4'	Soluble	Solid	DI Leach	
880-41880-3	T-3 0-1'	Soluble	Solid	DI Leach	
880-41880-4	T-3 2'	Soluble	Solid	DI Leach	
880-41880-5	T-3 3'	Soluble	Solid	DI Leach	
880-41880-6	T-3 4'	Soluble	Solid	DI Leach	
880-41880-7	T-4 0-1'	Soluble	Solid	DI Leach	
880-41880-10	T-11 0-1'	Soluble	Solid	DI Leach	
880-41880-11	T-11 2'	Soluble	Solid	DI Leach	
880-41880-12	T-11 3'	Soluble	Solid	DI Leach	
880-41880-13	T-11 4'	Soluble	Solid	DI Leach	
880-41880-14	T-12 0-1'	Soluble	Solid	DI Leach	
880-41880-15	T-12 2'	Soluble	Solid	DI Leach	
880-41880-16	T-12 3'	Soluble	Solid	DI Leach	
880-41880-17	T-12 4'	Soluble	Solid	DI Leach	
880-41880-18	T-12 5'	Soluble	Solid	DI Leach	
880-41880-19	T-13 0-1'	Soluble	Solid	DI Leach	
880-41880-20	T-13 2'	Soluble	Solid	DI Leach	
880-41880-21	T-13 3'	Soluble	Solid	DI Leach	
880-41880-22	T-13 4'	Soluble	Solid	DI Leach	
MB 880-77450/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77450/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Leach Batch: 77450 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-77450/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41880-1 MS	T-2 3'	Soluble	Solid	DI Leach	
880-41880-1 MSD	T-2 3'	Soluble	Solid	DI Leach	
880-41880-13 MS	T-11 4'	Soluble	Solid	DI Leach	
880-41880-13 MSD	T-11 4'	Soluble	Solid	DI Leach	

Leach Batch: 77451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-8	T-4 2'	Soluble	Solid	DI Leach	
880-41880-9	T-4 3'	Soluble	Solid	DI Leach	
880-41880-23	T-1 0-1'	Soluble	Solid	DI Leach	
880-41880-24	T-1 2'	Soluble	Solid	DI Leach	
880-41880-25	T-1 3'	Soluble	Solid	DI Leach	
880-41880-26	T-2 0-1'	Soluble	Solid	DI Leach	
880-41880-27	T-2 2'	Soluble	Solid	DI Leach	
MB 880-77451/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77451/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77451/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41870-A-8-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-41870-A-8-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 77652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-8	T-4 2'	Soluble	Solid	300.0	77451
880-41880-9	T-4 3'	Soluble	Solid	300.0	77451
880-41880-23	T-1 0-1'	Soluble	Solid	300.0	77451
880-41880-24	T-1 2'	Soluble	Solid	300.0	77451
880-41880-25	T-1 3'	Soluble	Solid	300.0	77451
880-41880-26	T-2 0-1'	Soluble	Solid	300.0	77451
880-41880-27	T-2 2'	Soluble	Solid	300.0	77451
MB 880-77451/1-A	Method Blank	Soluble	Solid	300.0	77451
LCS 880-77451/2-A	Lab Control Sample	Soluble	Solid	300.0	77451
LCSD 880-77451/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77451
880-41870-A-8-B MS	Matrix Spike	Soluble	Solid	300.0	77451
880-41870-A-8-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	77451

Analysis Batch: 77764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-1	T-2 3'	Soluble	Solid	300.0	77450
880-41880-2	T-2 4'	Soluble	Solid	300.0	77450
880-41880-3	T-3 0-1'	Soluble	Solid	300.0	77450
880-41880-4	T-3 2'	Soluble	Solid	300.0	77450
880-41880-5	T-3 3'	Soluble	Solid	300.0	77450
880-41880-6	T-3 4'	Soluble	Solid	300.0	77450
880-41880-7	T-4 0-1'	Soluble	Solid	300.0	77450
880-41880-10	T-11 0-1'	Soluble	Solid	300.0	77450
880-41880-11	T-11 2'	Soluble	Solid	300.0	77450
880-41880-12	T-11 3'	Soluble	Solid	300.0	77450
880-41880-13	T-11 4'	Soluble	Solid	300.0	77450
880-41880-14	T-12 0-1'	Soluble	Solid	300.0	77450
880-41880-15	T-12 2'	Soluble	Solid	300.0	77450

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Analysis Batch: 77764 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41880-16	T-12 3'	Soluble	Solid	300.0	77450
880-41880-17	T-12 4'	Soluble	Solid	300.0	77450
880-41880-18	T-12 5'	Soluble	Solid	300.0	77450
880-41880-19	T-13 0-1'	Soluble	Solid	300.0	77450
880-41880-20	T-13 2'	Soluble	Solid	300.0	77450
880-41880-21	T-13 3'	Soluble	Solid	300.0	77450
880-41880-22	T-13 4'	Soluble	Solid	300.0	77450
MB 880-77450/1-A	Method Blank	Soluble	Solid	300.0	77450
LCS 880-77450/2-A	Lab Control Sample	Soluble	Solid	300.0	77450
LCSD 880-77450/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77450
880-41880-1 MS	T-2 3'	Soluble	Solid	300.0	77450
880-41880-1 MSD	T-2 3'	Soluble	Solid	300.0	77450
880-41880-13 MS	T-11 4'	Soluble	Solid	300.0	77450
880-41880-13 MSD	T-11 4'	Soluble	Solid	300.0	77450

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-2 3'

Lab Sample ID: 880-41880-1

Date Collected: 03/28/24 11:30

Matrix: Solid

Date Received: 04/04/24 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 09:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 09:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/05/24 21:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/05/24 21:52	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 01:29	SMC	EET MID

Client Sample ID: T-2 4'

Lab Sample ID: 880-41880-2

Date Collected: 03/28/24 11:40

Matrix: Solid

Date Received: 04/04/24 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 10:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 10:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/05/24 22:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/05/24 22:55	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 01:48	SMC	EET MID

Client Sample ID: T-3 0-1'

Lab Sample ID: 880-41880-3

Date Collected: 03/28/24 12:00

Matrix: Solid

Date Received: 04/04/24 17:05

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 10:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/05/24 23:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/05/24 23:16	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 01:54	SMC	EET MID

Client Sample ID: T-3 2'

Lab Sample ID: 880-41880-4

Date Collected: 03/28/24 12:10

Matrix: Solid

Date Received: 04/04/24 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 10:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 10:53	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-3 2'

Lab Sample ID: 880-41880-4

Date Collected: 03/28/24 12:10

Matrix: Solid

Date Received: 04/04/24 17:05

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			77650	04/05/24 23:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/05/24 23:36	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 02:00	SMC	EET MID

Client Sample ID: T-3 3'

Lab Sample ID: 880-41880-5

Date Collected: 03/28/24 12:20

Matrix: Solid

Date Received: 04/04/24 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 11:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 11:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/05/24 23:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/05/24 23:57	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 02:07	SMC	EET MID

Client Sample ID: T-3 4'

Lab Sample ID: 880-41880-6

Date Collected: 03/28/24 12:30

Matrix: Solid

Date Received: 04/04/24 17:05

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 11:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 11:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 00:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 00:18	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 02:26	SMC	EET MID

Client Sample ID: T-4 0-1'

Lab Sample ID: 880-41880-7

Date Collected: 03/28/24 13:20

Matrix: Solid

Date Received: 04/04/24 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 11:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 00:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 00:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-4 0-1'
Date Collected: 03/28/24 13:20
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 02:32	SMC	EET MID

Client Sample ID: T-4 2'
Date Collected: 03/28/24 13:30
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-8
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 12:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 01:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 01:00	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	77451	04/05/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77652	04/09/24 11:36	SMC	EET MID

Client Sample ID: T-4 3'
Date Collected: 03/28/24 13:40
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-9
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 12:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 01:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 01:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77451	04/05/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77652	04/09/24 11:42	SMC	EET MID

Client Sample ID: T-11 0-1'
Date Collected: 03/26/24 11:00
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-10
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 12:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 01:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 01:42	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 02:38	SMC	EET MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-11 2'
Date Collected: 03/26/24 11:15
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-11
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 14:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 02:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 02:24	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 02:45	SMC	EET MID

Client Sample ID: T-11 3'
Date Collected: 03/26/24 11:25
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-12
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 14:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 02:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 02:46	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 02:51	SMC	EET MID

Client Sample ID: T-11 4'
Date Collected: 03/26/24 11:30
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 15:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 15:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 03:07	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 02:57	SMC	EET MID

Client Sample ID: T-12 0-1'
Date Collected: 03/26/24 11:40
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-14
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 15:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 15:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-12 0-1'
Date Collected: 03/26/24 11:40
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-14
Matrix: Solid

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			77650	04/06/24 03:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 03:28	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 03:16	SMC	EET MID

Client Sample ID: T-12 2'
Date Collected: 03/26/24 11:45
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-15
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 15:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 15:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 03:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77497	04/05/24 14:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77422	04/06/24 03:49	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 03:22	SMC	EET MID

Client Sample ID: T-12 3'
Date Collected: 03/26/24 11:50
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-16
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 16:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 16:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 01:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 01:21	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77764	04/10/24 03:41	SMC	EET MID

Client Sample ID: T-12 4'
Date Collected: 03/26/24 12:00
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-17
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 16:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 16:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 01:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 01:42	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-12 4'
Date Collected: 03/26/24 12:00
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77764	04/10/24 03:48	SMC	EET MID

Client Sample ID: T-12 5'
Date Collected: 03/26/24 12:05
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-18
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 16:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 16:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 02:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 02:24	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77764	04/10/24 03:54	SMC	EET MID

Client Sample ID: T-13 0-1'
Date Collected: 03/26/24 13:00
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 17:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 17:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 02:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 02:46	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 04:00	SMC	EET MID

Client Sample ID: T-13 2'
Date Collected: 03/26/24 13:20
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-20
Matrix: Solid

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	77455	04/05/24 09:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/06/24 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/06/24 17:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 03:07	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 04:07	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-13 3'

Date Collected: 03/26/24 13:30

Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-21

Matrix: Solid

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	77453	04/05/24 09:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/05/24 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/05/24 13:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 03:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 03:28	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 04:13	SMC	EET MID

Client Sample ID: T-13 4'

Date Collected: 03/26/24 13:45

Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77453	04/05/24 09:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/05/24 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/05/24 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 03:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 03:49	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	77450	04/05/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77764	04/10/24 04:19	SMC	EET MID

Client Sample ID: T-1 0-1'

Date Collected: 03/28/24 10:00

Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-23

Matrix: Solid

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	77453	04/05/24 09:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/05/24 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/05/24 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 04:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 04:10	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77451	04/05/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77652	04/09/24 11:49	SMC	EET MID

Client Sample ID: T-1 2'

Date Collected: 03/28/24 10:10

Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-24

Matrix: Solid

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	77453	04/05/24 09:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/05/24 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/05/24 14:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-1 2'
Date Collected: 03/28/24 10:10
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-24
Matrix: Solid

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			77650	04/06/24 04:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 04:31	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77451	04/05/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77652	04/09/24 11:55	SMC	EET MID

Client Sample ID: T-1 3'
Date Collected: 03/28/24 10:20
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-25
Matrix: Solid

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	77453	04/05/24 09:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/05/24 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/05/24 14:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 04:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 04:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77451	04/05/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77652	04/09/24 12:01	SMC	EET MID

Client Sample ID: T-2 0-1'
Date Collected: 03/28/24 11:10
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-26
Matrix: Solid

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	77453	04/05/24 09:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/05/24 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/05/24 15:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 05:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 05:13	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77451	04/05/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77652	04/09/24 12:08	SMC	EET MID

Client Sample ID: T-2 2'
Date Collected: 03/28/24 11:20
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77453	04/05/24 09:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77433	04/05/24 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77674	04/05/24 15:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			77650	04/06/24 05:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77494	04/05/24 13:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77423	04/06/24 05:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Client Sample ID: T-2 2'
Date Collected: 03/28/24 11:20
Date Received: 04/04/24 17:05

Lab Sample ID: 880-41880-27
Matrix: Solid

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	77451	04/05/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77652	04/09/24 12:14	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: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

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	T104704400-23-26	06-30-24
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
8015B NM	8015NM Prep	Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

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: Daisy

Job ID: 880-41880-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-41880-1	T-2 3'	Solid	03/28/24 11:30	04/04/24 17:05
880-41880-2	T-2 4'	Solid	03/28/24 11:40	04/04/24 17:05
880-41880-3	T-3 0-1'	Solid	03/28/24 12:00	04/04/24 17:05
880-41880-4	T-3 2'	Solid	03/28/24 12:10	04/04/24 17:05
880-41880-5	T-3 3'	Solid	03/28/24 12:20	04/04/24 17:05
880-41880-6	T-3 4'	Solid	03/28/24 12:30	04/04/24 17:05
880-41880-7	T-4 0-1'	Solid	03/28/24 13:20	04/04/24 17:05
880-41880-8	T-4 2'	Solid	03/28/24 13:30	04/04/24 17:05
880-41880-9	T-4 3'	Solid	03/28/24 13:40	04/04/24 17:05
880-41880-10	T-11 0-1'	Solid	03/26/24 11:00	04/04/24 17:05
880-41880-11	T-11 2'	Solid	03/26/24 11:15	04/04/24 17:05
880-41880-12	T-11 3'	Solid	03/26/24 11:25	04/04/24 17:05
880-41880-13	T-11 4'	Solid	03/26/24 11:30	04/04/24 17:05
880-41880-14	T-12 0-1'	Solid	03/26/24 11:40	04/04/24 17:05
880-41880-15	T-12 2'	Solid	03/26/24 11:45	04/04/24 17:05
880-41880-16	T-12 3'	Solid	03/26/24 11:50	04/04/24 17:05
880-41880-17	T-12 4'	Solid	03/26/24 12:00	04/04/24 17:05
880-41880-18	T-12 5'	Solid	03/26/24 12:05	04/04/24 17:05
880-41880-19	T-13 0-1'	Solid	03/26/24 13:00	04/04/24 17:05
880-41880-20	T-13 2'	Solid	03/26/24 13:20	04/04/24 17:05
880-41880-21	T-13 3'	Solid	03/26/24 13:30	04/04/24 17:05
880-41880-22	T-13 4'	Solid	03/26/24 13:45	04/04/24 17:05
880-41880-23	T-1 0-1'	Solid	03/28/24 10:00	04/04/24 17:05
880-41880-24	T-1 2'	Solid	03/28/24 10:10	04/04/24 17:05
880-41880-25	T-1 3'	Solid	03/28/24 10:20	04/04/24 17:05
880-41880-26	T-2 0-1'	Solid	03/28/24 11:10	04/04/24 17:05
880-41880-27	T-2 2'	Solid	03/28/24 11:20	04/04/24 17:05

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 West Wall St Suite 100
Midland Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

880-41880 Chain of Custody

Client Name	Solaris	Site Manager	Brittany Long
Project Name	Daisy	Contact Info	<u>Brittany Long @ TetraTech.com</u>
Project Location (county, state)	Eddy County, NM	Project #	212C-MD-XXXXX 212C-AP-02402
Invoice to			
Receiving Laboratory	Sampler Signature Brady Vaughan		

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)	
		DATE	TIME		WATER	SOIL	HCL	HNO ₃			ICE
	T-2 3'	3/28/24	1130	X			X		1		
	T-2 4'		1140								
	T-3 0-1'		1200								
	T-3 2'		1210								
	T-3 3'		1220								
	T-3 4'		1230								
	T-4 0-1'		1320								
	T-4 2'		1330								
	T-4 3'		1340								

Relinquished by <i>Robert D. -</i>	Date 4-4-24	Time	Received by <i>[Signature]</i>	Date 4-4-24	Time 1705
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by	Date	Time

860-41600 Chain of Custody

A - USE INSTRUCTIONS

(Circle or Specify Method No.)

Hold	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Asbestos																														
Anion/Cation Balance																														
General Water Chemistry (see attached list)																														
Chloride Sulfate TDS																														
Chloride 300 0	X																													
PLM (Asbestos)																														
NORM																														
PCBs s 8082 / 608																														
GC/MS Semi Vol 8270C/625																														
GC/MS Vol 8260B / 624																														
RCI																														
TCLP Semi Volatiles																														
TCLP Volatiles																														
TCLP Metals Ag As Ba Cd Cr Pb Se Hg																														
Total Metals Ag As Ba Cd Cr Pb Se Hg																														
PAH 8270C																														
TPH 8015M (GRO - DRO ORO)	X																													
TPH TX1005 (EX1 to C35)	X																													
BTEX 8021B	X																													

LAB USE ONLY

Sample Temperature

30

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REMARKS

Standard TAT

☐ RUSH Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or THRP Report

ORIGINAL COPY



Tetra Tech, Inc.

901 West Wall St Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name Solaris		Site Manager Brittany Long				
Project Name Daisy		Contact Info Brittany Long@TetraTech.com				
Project Location (county, state) Eddy County, NM		Project # 212C-MD-XXXXX 212C-MD-23422				
invoice to						
Receiving Laboratory		Sampler Signature Brady Vaughan				
Comments						
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR DATE	MATRIX WATER SOIL	PRESERVATIVE METHOD HCL HNO3 ICE	# CONTAINERS	FILTERED (Y/N)
	T-11 0-1	3/26/2024	X	X	1	1
	T-11 2'	3/26/2024	X	X	1	1
	T-11 3'	3/26/2024	X	X	1	1
	T-11 4'	3/26/2024	X	X	1	1
	T-12 0-1'	3/26/2024	X	X	1	1
	T-12 2'	3/26/2024	X	X	1	1
	T-12 3'	3/26/2024	X	X	1	1
	T-12 4'	3/26/2024	X	X	1	1
	T-12 5'	3/26/2024	X	X	1	1
	T-13 0-1'	3/26/2024	X	X	1	1
Relinquished by Robert D.	Date 4-4-24	Received by (Signature)	Date 4/4/24	Time 1705		
Relinquished by	Date	Received by	Date	Time		
Relinquished by	Date	Received by	Date	Time		

ORIGINAL COPY

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-41880-1
SDG Number: Eddy County, NM

Login Number: 41880

List Number: 1

Creator: Rodriguez, 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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brittany Long
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Generated 4/11/2024 6:24:12 PM

JOB DESCRIPTION

Daisy SWD
Lea County, NM

JOB NUMBER

880-41908-1

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
4/11/2024 6:24:12 PM

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

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Laboratory Job ID: 880-41908-1
SDG: Lea County, NM

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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
F1	MS and/or MSD recovery exceeds control limits.
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: Daisy SWD

Job ID: 880-41908-1

Job ID: 880-41908-1

Eurofins Midland

Job Narrative
880-41908-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/5/2024 2:48 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 3.3°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-5 (0-1) (880-41908-1), T-5 (2) (880-41908-2), T-5 (3) (880-41908-3), T-5 (4) (880-41908-4), T-6 (0-1) (880-41908-5), T-6 (2) (880-41908-6), T-6 (3) (880-41908-7), T-6 (4) (880-41908-8), T-7 (0-1) (880-41908-9), T-7 (2) (880-41908-10), T-7 (3) (880-41908-11), T-7 (4) (880-41908-12), T-8 (0-1) (880-41908-13), T-8 (2) (880-41908-14), T-8 (3) (880-41908-15), T-8 (4) (880-41908-16), T-9 (0-1) (880-41908-17), T-9 (2) (880-41908-18), T-9 (3) (880-41908-19), T-9 (4) (880-41908-20), T-10 (0-1) (880-41908-21), T-10 (2) (880-41908-22), T-10 (3) (880-41908-23) and T-10 (4) (880-41908-24).

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-77526 and analytical batch 880-77550 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-7 (3) (880-41908-11), T-7 (4) (880-41908-12), T-8 (0-1) (880-41908-13), T-8 (2) (880-41908-14), T-8 (3) (880-41908-15), T-8 (4) (880-41908-16), T-9 (0-1) (880-41908-17), T-9 (2) (880-41908-18), T-9 (3) (880-41908-19), T-9 (4) (880-41908-20), T-10 (0-1) (880-41908-21), T-10 (2) (880-41908-22), T-10 (3) (880-41908-23), T-10 (4) (880-41908-24), (880-41908-A-11-B MS) and (880-41908-A-11-C MSD). 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

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-77719 and 880-77719 and analytical batch 880-77819 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.

T-10 (0-1) (880-41908-21), T-10 (2) (880-41908-22), T-10 (3) (880-41908-23), T-10 (4) (880-41908-24), (880-41908-A-21-D MS) and (880-41908-A-21-E MSD)

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: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-41908-1

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 12:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 12:55	1
Toluene	0.00224		0.00199		mg/Kg		04/08/24 09:06	04/08/24 12:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 12:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 12:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				04/08/24 09:06	04/08/24 12:55	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/08/24 09:06	04/08/24 12:55	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			04/08/24 12:55	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			04/06/24 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	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 15:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 15:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 15:05	1
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				04/06/24 08:35	04/06/24 15:05	1
o-Terphenyl	108		70 - 130				04/06/24 08:35	04/06/24 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		4.98		mg/Kg			04/10/24 05:10	1

Client Sample ID: T-5 (2)

Lab Sample ID: 880-41908-2

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 13:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 13:16	1
Toluene	0.00212		0.00201		mg/Kg		04/08/24 09:06	04/08/24 13:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/24 09:06	04/08/24 13:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/08/24 09:06	04/08/24 13:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 13:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/08/24 09:06	04/08/24 13:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/08/24 09:06	04/08/24 13:16	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-5 (2)

Lab Sample ID: 880-41908-2

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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			04/08/24 13:16	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			04/06/24 15:25	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	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 15:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 15:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 15:25	1
Total TPH	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	04/06/24 08:35	04/06/24 15:25	1
o-Terphenyl	96		70 - 130	04/06/24 08:35	04/06/24 15:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.3		4.97		mg/Kg			04/10/24 05:29	1

Client Sample ID: T-5 (3)

Lab Sample ID: 880-41908-3

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 13:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 13:36	1
Toluene	0.00224		0.00202		mg/Kg		04/08/24 09:06	04/08/24 13:36	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/24 09:06	04/08/24 13:36	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/08/24 09:06	04/08/24 13:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/08/24 09:06	04/08/24 13:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/08/24 09:06	04/08/24 13:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/08/24 13:36	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			04/06/24 15:45	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		04/06/24 08:35	04/06/24 15:45	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-5 (3)

Lab Sample ID: 880-41908-3

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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)	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 15:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 15:45	1
Total TPH	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				04/06/24 08:35	04/06/24 15:45	1
o-Terphenyl	100		70 - 130				04/06/24 08:35	04/06/24 15:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.4		5.04		mg/Kg			04/10/24 05:35	1

Client Sample ID: T-5 (4)

Lab Sample ID: 880-41908-4

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 13:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 13:57	1
Toluene	0.00231		0.00199		mg/Kg		04/08/24 09:06	04/08/24 13:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 13:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 13:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 13:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/08/24 09:06	04/08/24 13:57	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/08/24 09:06	04/08/24 13:57	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			04/08/24 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/06/24 16:05	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	<49.8	U	49.8		mg/Kg		04/06/24 08:35	04/06/24 16:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/24 08:35	04/06/24 16:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/24 08:35	04/06/24 16:05	1
Total TPH	<49.8	U	49.8		mg/Kg		04/06/24 08:35	04/06/24 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/06/24 08:35	04/06/24 16:05	1
o-Terphenyl	106		70 - 130				04/06/24 08:35	04/06/24 16:05	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-5 (4)

Lab Sample ID: 880-41908-4

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		5.05		mg/Kg			04/10/24 05:41	1

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-41908-5

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 14:17	1
Toluene	0.00246		0.00199		mg/Kg		04/08/24 09:06	04/08/24 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 14:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/08/24 09:06	04/08/24 14:17	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/08/24 09:06	04/08/24 14:17	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			04/08/24 14:17	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			04/06/24 16:25	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		04/06/24 08:35	04/06/24 16:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 16:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 16:25	1
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/06/24 08:35	04/06/24 16:25	1
o-Terphenyl	103		70 - 130				04/06/24 08:35	04/06/24 16:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.2		4.99		mg/Kg			04/10/24 05:48	1

Client Sample ID: T-6 (2)

Lab Sample ID: 880-41908-6

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 14:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 14:38	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-6 (2)

Lab Sample ID: 880-41908-6

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00208		0.00201		mg/Kg		04/08/24 09:06	04/08/24 14:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/24 09:06	04/08/24 14:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/08/24 09:06	04/08/24 14:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/08/24 09:06	04/08/24 14:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/08/24 09:06	04/08/24 14:38	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			04/08/24 14:38	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			04/06/24 16:45	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		04/06/24 08:35	04/06/24 16:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/24 08:35	04/06/24 16:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/24 08:35	04/06/24 16:45	1
Total TPH	<49.8	U	49.8		mg/Kg		04/06/24 08:35	04/06/24 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				04/06/24 08:35	04/06/24 16:45	1
o-Terphenyl	97		70 - 130				04/06/24 08:35	04/06/24 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.07		5.00		mg/Kg			04/10/24 06:07	1

Client Sample ID: T-6 (3)

Lab Sample ID: 880-41908-7

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 14:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 14:59	1
Toluene	0.00213		0.00202		mg/Kg		04/08/24 09:06	04/08/24 14:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/24 09:06	04/08/24 14:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/08/24 09:06	04/08/24 14:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/08/24 09:06	04/08/24 14:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/08/24 09:06	04/08/24 14:59	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-6 (3)

Lab Sample ID: 880-41908-7

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/08/24 14:59	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			04/06/24 17:05	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		04/06/24 08:35	04/06/24 17:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 17:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 17:05	1
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	04/06/24 08:35	04/06/24 17:05	1
o-Terphenyl	103		70 - 130	04/06/24 08:35	04/06/24 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		4.98		mg/Kg			04/10/24 06:13	1

Client Sample ID: T-6 (4)

Lab Sample ID: 880-41908-8

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 15:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 15:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 15:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 15:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 15:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/08/24 09:06	04/08/24 15:19	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/08/24 09:06	04/08/24 15:19	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			04/08/24 15:19	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			04/06/24 17:25	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		04/06/24 08:35	04/06/24 17:25	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-6 (4)

Lab Sample ID: 880-41908-8

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/06/24 08:35	04/06/24 17:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 17:25	1
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	04/06/24 08:35	04/06/24 17:25	1
o-Terphenyl	97		70 - 130	04/06/24 08:35	04/06/24 17:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		4.96		mg/Kg			04/10/24 06:19	1

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-41908-9

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 15:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 15:40	1
Toluene	0.00218		0.00200		mg/Kg		04/08/24 09:06	04/08/24 15:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/24 09:06	04/08/24 15:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/08/24 09:06	04/08/24 15:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/08/24 09:06	04/08/24 15:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/08/24 09:06	04/08/24 15:40	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			04/08/24 15:40	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			04/06/24 17:45	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		04/06/24 08:35	04/06/24 17:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 17:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 17:45	1
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 08:35	04/06/24 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	04/06/24 08:35	04/06/24 17:45	1
o-Terphenyl	100		70 - 130	04/06/24 08:35	04/06/24 17:45	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-41908-9

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.65		5.00		mg/Kg			04/10/24 06:26	1

Client Sample ID: T-7 (2)

Lab Sample ID: 880-41908-10

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 16:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/24 09:06	04/08/24 16:00	1
Toluene	0.00219		0.00198		mg/Kg		04/08/24 09:06	04/08/24 16:00	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/08/24 09:06	04/08/24 16:00	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/08/24 09:06	04/08/24 16:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/24 09:06	04/08/24 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				04/08/24 09:06	04/08/24 16:00	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/08/24 09:06	04/08/24 16:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/08/24 16:00	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			04/06/24 18:05	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	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 18:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 18:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 18:05	1
Total TPH	<49.9	U	49.9		mg/Kg		04/06/24 08:35	04/06/24 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/06/24 08:35	04/06/24 18:05	1
o-Terphenyl	103		70 - 130				04/06/24 08:35	04/06/24 18:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			04/10/24 06:32	1

Client Sample ID: T-7 (3)

Lab Sample ID: 880-41908-11

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 17:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 17:23	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-7 (3)

Lab Sample ID: 880-41908-11

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 17:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/24 09:06	04/08/24 17:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/08/24 09:06	04/08/24 17:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/08/24 09:06	04/08/24 17:23	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/08/24 09:06	04/08/24 17:23	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			04/08/24 17:23	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			04/08/24 15:14	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	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 15:14	1
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	174	S1+	70 - 130				04/06/24 08:45	04/08/24 15:14	1
o-Terphenyl	145	S1+	70 - 130				04/06/24 08:45	04/08/24 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.42		4.95		mg/Kg			04/10/24 06:38	1

Client Sample ID: T-7 (4)

Lab Sample ID: 880-41908-12

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 17:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 17:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 17:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/24 09:06	04/08/24 17:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/08/24 09:06	04/08/24 17:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				04/08/24 09:06	04/08/24 17:44	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/08/24 09:06	04/08/24 17:44	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-7 (4)

Lab Sample ID: 880-41908-12

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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			04/08/24 17:44	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			04/08/24 16:19	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		04/06/24 08:45	04/08/24 16:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 16:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 16:19	1
Total TPH	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	169	S1+	70 - 130	04/06/24 08:45	04/08/24 16:19	1
o-Terphenyl	130		70 - 130	04/06/24 08:45	04/08/24 16:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.04		5.04		mg/Kg			04/10/24 06:57	1

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-41908-13

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 18:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 18:04	1
Toluene	0.00255		0.00200		mg/Kg		04/08/24 09:06	04/08/24 18:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/24 09:06	04/08/24 18:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/08/24 09:06	04/08/24 18:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/08/24 09:06	04/08/24 18:04	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/08/24 09:06	04/08/24 18:04	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			04/08/24 18:04	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			04/08/24 16:40	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		04/06/24 08:45	04/08/24 16:40	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-41908-13

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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)	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 16:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 16:40	1
Total TPH	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 16:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	192	S1+	70 - 130	04/06/24 08:45	04/08/24 16:40	1
o-Terphenyl	159	S1+	70 - 130	04/06/24 08:45	04/08/24 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.1		4.96		mg/Kg			04/10/24 07:03	1

Client Sample ID: T-8 (2)

Lab Sample ID: 880-41908-14

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 18:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 18:25	1
Toluene	0.00213		0.00200		mg/Kg		04/08/24 09:06	04/08/24 18:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/24 09:06	04/08/24 18:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/08/24 09:06	04/08/24 18:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/08/24 09:06	04/08/24 18:25	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/08/24 09:06	04/08/24 18:25	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			04/08/24 18:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/08/24 17:02	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	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 17:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 17:02	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 17:02	1
Total TPH	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	166	S1+	70 - 130	04/06/24 08:45	04/08/24 17:02	1
o-Terphenyl	133	S1+	70 - 130	04/06/24 08:45	04/08/24 17:02	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-8 (2)

Lab Sample ID: 880-41908-14

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		4.98		mg/Kg			04/10/24 07:22	1

Client Sample ID: T-8 (3)

Lab Sample ID: 880-41908-15

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 18:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/24 09:06	04/08/24 18:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/24 09:06	04/08/24 18:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/24 09:06	04/08/24 18:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/08/24 09:06	04/08/24 18:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/24 09:06	04/08/24 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/08/24 09:06	04/08/24 18:45	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/08/24 09:06	04/08/24 18:45	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			04/08/24 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/08/24 17:24	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	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 17:24	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 17:24	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 17:24	1
Total TPH	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	168	S1+	70 - 130				04/06/24 08:45	04/08/24 17:24	1
o-Terphenyl	136	S1+	70 - 130				04/06/24 08:45	04/08/24 17:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.6		5.03		mg/Kg			04/10/24 07:29	1

Client Sample ID: T-8 (4)

Lab Sample ID: 880-41908-16

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 19:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 19:06	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-8 (4)

Lab Sample ID: 880-41908-16

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 19:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 19:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 19:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/08/24 09:06	04/08/24 19:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/08/24 09:06	04/08/24 19:06	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			04/08/24 19:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/08/24 17:45	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	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 17:45	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 17:45	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 17:45	1
Total TPH	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				04/06/24 08:45	04/08/24 17:45	1
o-Terphenyl	119		70 - 130				04/06/24 08:45	04/08/24 17:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.42		4.99		mg/Kg			04/10/24 07:35	1

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-41908-17

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 19:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 19:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 19:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 19:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/08/24 09:06	04/08/24 19:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 09:06	04/08/24 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				04/08/24 09:06	04/08/24 19:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/08/24 09:06	04/08/24 19:26	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-41908-17

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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			04/08/24 19:26	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			04/08/24 18:06	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		04/06/24 08:45	04/08/24 18:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 18:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 18:06	1
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	170	S1+	70 - 130	04/06/24 08:45	04/08/24 18:06	1
o-Terphenyl	143	S1+	70 - 130	04/06/24 08:45	04/08/24 18:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.6		5.02		mg/Kg			04/10/24 07:41	1

Client Sample ID: T-9 (2)

Lab Sample ID: 880-41908-18

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 19:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 19:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 19:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/24 09:06	04/08/24 19:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/08/24 09:06	04/08/24 19:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:06	04/08/24 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/08/24 09:06	04/08/24 19:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/08/24 09:06	04/08/24 19:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/08/24 19:47	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			04/08/24 18:27	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	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 18:27	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-9 (2)

Lab Sample ID: 880-41908-18

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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)	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 18:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 18:27	1
Total TPH	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	169	S1+	70 - 130				04/06/24 08:45	04/08/24 18:27	1
o-Terphenyl	132	S1+	70 - 130				04/06/24 08:45	04/08/24 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		5.01		mg/Kg			04/10/24 07:48	1

Client Sample ID: T-9 (3)

Lab Sample ID: 880-41908-19

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 20:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/24 09:06	04/08/24 20:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/24 09:06	04/08/24 20:07	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/08/24 09:06	04/08/24 20:07	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/08/24 09:06	04/08/24 20:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/24 09:06	04/08/24 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/08/24 09:06	04/08/24 20:07	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/08/24 09:06	04/08/24 20:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/08/24 20:07	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			04/08/24 18:48	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	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 18:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 18:48	1
Total TPH	<49.9	U	49.9		mg/Kg		04/06/24 08:45	04/08/24 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130				04/06/24 08:45	04/08/24 18:48	1
o-Terphenyl	124		70 - 130				04/06/24 08:45	04/08/24 18:48	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-9 (3)

Lab Sample ID: 880-41908-19

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		4.96		mg/Kg			04/10/24 07:54	1

Client Sample ID: T-9 (4)

Lab Sample ID: 880-41908-20

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:06	04/08/24 20:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 20:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 20:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/24 09:06	04/08/24 20:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/08/24 09:06	04/08/24 20:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:06	04/08/24 20:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/08/24 09:06	04/08/24 20:28	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/08/24 09:06	04/08/24 20:28	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			04/08/24 20:28	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			04/08/24 19:09	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		04/06/24 08:45	04/08/24 19:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 19:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 19:09	1
Total TPH	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				04/06/24 08:45	04/08/24 19:09	1
o-Terphenyl	113		70 - 130				04/06/24 08:45	04/08/24 19:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.72		4.99		mg/Kg			04/10/24 08:00	1

Client Sample ID: T-10 (0-1)

Lab Sample ID: 880-41908-21

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:22	04/08/24 15:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:22	04/08/24 15:22	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-10 (0-1)

Lab Sample ID: 880-41908-21

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:22	04/08/24 15:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/24 09:22	04/08/24 15:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/08/24 09:22	04/08/24 15:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/24 09:22	04/08/24 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				04/08/24 09:22	04/08/24 15:22	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/08/24 09:22	04/08/24 15:22	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			04/08/24 15:22	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			04/08/24 19:51	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		04/06/24 08:45	04/08/24 19:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 19:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 19:51	1
Total TPH	<49.8	U	49.8		mg/Kg		04/06/24 08:45	04/08/24 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				04/06/24 08:45	04/08/24 19:51	1
o-Terphenyl	121		70 - 130				04/06/24 08:45	04/08/24 19:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212	F1	5.03		mg/Kg			04/10/24 18:03	1

Client Sample ID: T-10 (2)

Lab Sample ID: 880-41908-22

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:22	04/08/24 15:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:22	04/08/24 15:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:22	04/08/24 15:42	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/24 09:22	04/08/24 15:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/08/24 09:22	04/08/24 15:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 09:22	04/08/24 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/08/24 09:22	04/08/24 15:42	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/08/24 09:22	04/08/24 15:42	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-10 (2)

Lab Sample ID: 880-41908-22

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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			04/08/24 15:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/08/24 20:12	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	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 20:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 20:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 20:12	1
Total TPH	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130	04/06/24 08:45	04/08/24 20:12	1
o-Terphenyl	127		70 - 130	04/06/24 08:45	04/08/24 20:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.0		4.99		mg/Kg			04/10/24 18:17	1

Client Sample ID: T-10 (3)

Lab Sample ID: 880-41908-23

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:22	04/08/24 16:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 16:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 16:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/24 09:22	04/08/24 16:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/08/24 09:22	04/08/24 16:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/08/24 09:22	04/08/24 16:03	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/08/24 09:22	04/08/24 16:03	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			04/08/24 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/08/24 20:33	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	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 20:33	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-10 (3)

Lab Sample ID: 880-41908-23

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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)	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 20:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 20:33	1
Total TPH	<49.7	U	49.7		mg/Kg		04/06/24 08:45	04/08/24 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130	04/06/24 08:45	04/08/24 20:33	1
o-Terphenyl	138	S1+	70 - 130	04/06/24 08:45	04/08/24 20:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.3		4.99		mg/Kg			04/10/24 18:22	1

Client Sample ID: T-10 (4)

Lab Sample ID: 880-41908-24

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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		04/08/24 09:22	04/08/24 17:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 17:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 17:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/24 09:22	04/08/24 17:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/08/24 09:22	04/08/24 17:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	04/08/24 09:22	04/08/24 17:26	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/08/24 09:22	04/08/24 17:26	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			04/08/24 17:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/08/24 20:54	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	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 20:54	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 20:54	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 20:54	1
Total TPH	<49.6	U	49.6		mg/Kg		04/06/24 08:45	04/08/24 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130	04/06/24 08:45	04/08/24 20:54	1
o-Terphenyl	117		70 - 130	04/06/24 08:45	04/08/24 20:54	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-10 (4)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-24
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.8		4.95		mg/Kg			04/10/24 18:27	1

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

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-41890-A-5-C MS	Matrix Spike	104	120
880-41890-A-5-D MSD	Matrix Spike Duplicate	123	121
880-41908-1	T-5 (0-1)	90	93
880-41908-1 MS	T-5 (0-1)	99	96
880-41908-1 MSD	T-5 (0-1)	108	94
880-41908-2	T-5 (2)	97	92
880-41908-3	T-5 (3)	103	93
880-41908-4	T-5 (4)	97	94
880-41908-5	T-6 (0-1)	108	94
880-41908-6	T-6 (2)	91	95
880-41908-7	T-6 (3)	101	95
880-41908-8	T-6 (4)	93	97
880-41908-9	T-7 (0-1)	98	99
880-41908-10	T-7 (2)	94	96
880-41908-11	T-7 (3)	93	99
880-41908-12	T-7 (4)	87	94
880-41908-13	T-8 (0-1)	107	95
880-41908-14	T-8 (2)	99	94
880-41908-15	T-8 (3)	101	95
880-41908-16	T-8 (4)	95	97
880-41908-17	T-9 (0-1)	90	93
880-41908-18	T-9 (2)	95	97
880-41908-19	T-9 (3)	97	95
880-41908-20	T-9 (4)	97	99
880-41908-21	T-10 (0-1)	83	100
880-41908-22	T-10 (2)	99	95
880-41908-23	T-10 (3)	99	95
880-41908-24	T-10 (4)	79	95
LCS 880-77561/1-A	Lab Control Sample	91	98
LCS 880-77564/1-A	Lab Control Sample	101	117
LCSD 880-77561/2-A	Lab Control Sample Dup	107	97
LCSD 880-77564/2-A	Lab Control Sample Dup	117	101
MB 880-77561/5-A	Method Blank	72	93
MB 880-77564/5-A	Method Blank	71	105

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	OTPH1
		(70-130)	(70-130)
880-41908-1	T-5 (0-1)	115	108
880-41908-2	T-5 (2)	102	96
880-41908-3	T-5 (3)	107	100
880-41908-4	T-5 (4)	111	106
880-41908-5	T-6 (0-1)	110	103

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Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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)
880-41908-6	T-6 (2)	102	97
880-41908-7	T-6 (3)	108	103
880-41908-8	T-6 (4)	103	97
880-41908-9	T-7 (0-1)	106	100
880-41908-10	T-7 (2)	109	103
880-41908-11	T-7 (3)	174 S1+	145 S1+
880-41908-11 MS	T-7 (3)	139 S1+	108
880-41908-11 MSD	T-7 (3)	150 S1+	118
880-41908-12	T-7 (4)	169 S1+	130
880-41908-13	T-8 (0-1)	192 S1+	159 S1+
880-41908-14	T-8 (2)	166 S1+	133 S1+
880-41908-15	T-8 (3)	168 S1+	136 S1+
880-41908-16	T-8 (4)	139 S1+	119
880-41908-17	T-9 (0-1)	170 S1+	143 S1+
880-41908-18	T-9 (2)	169 S1+	132 S1+
880-41908-19	T-9 (3)	161 S1+	124
880-41908-20	T-9 (4)	144 S1+	113
880-41908-21	T-10 (0-1)	143 S1+	121
880-41908-22	T-10 (2)	151 S1+	127
880-41908-23	T-10 (3)	163 S1+	138 S1+
880-41908-24	T-10 (4)	151 S1+	117
880-41909-A-41-F MS	Matrix Spike	101	87
880-41909-A-41-G MSD	Matrix Spike Duplicate	92	79
LCS 880-77525/2-A	Lab Control Sample	74	78
LCS 880-77526/2-A	Lab Control Sample	98	95
LCSD 880-77525/3-A	Lab Control Sample Dup	82	86
LCSD 880-77526/3-A	Lab Control Sample Dup	83	73
MB 880-77525/1-A	Method Blank	124	128
MB 880-77526/1-A	Method Blank	245 S1+	197 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-77561/5-A

Matrix: Solid

Analysis Batch: 77566

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77561

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 12:33	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	72		70 - 130	04/08/24 09:06	04/08/24 12:33	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/08/24 09:06	04/08/24 12:33	1

Lab Sample ID: LCS 880-77561/1-A

Matrix: Solid

Analysis Batch: 77566

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09343		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08903		mg/Kg		89	70 - 130
Toluene	0.100	0.08827		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1732		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08608		mg/Kg		86	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-77561/2-A

Matrix: Solid

Analysis Batch: 77566

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77561

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.09020		mg/Kg		90	70 - 130	4	35
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130	16	35
Toluene	0.100	0.09693		mg/Kg		97	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2082		mg/Kg		104	70 - 130	18	35
o-Xylene	0.100	0.1033		mg/Kg		103	70 - 130	18	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-41908-1 MS

Matrix: Solid

Analysis Batch: 77566

Client Sample ID: T-5 (0-1)

Prep Type: Total/NA

Prep Batch: 77561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.08168		mg/Kg		82	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.08247		mg/Kg		83	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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

Lab Sample ID: 880-41908-1 MS

Matrix: Solid

Analysis Batch: 77566

Client Sample ID: T-5 (0-1)

Prep Type: Total/NA

Prep Batch: 77561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.00224		0.0996	0.08325		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1614		mg/Kg		81	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08072		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-41908-1 MSD

Matrix: Solid

Analysis Batch: 77566

Client Sample ID: T-5 (0-1)

Prep Type: Total/NA

Prep Batch: 77561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.07621		mg/Kg		76	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.101	0.08986		mg/Kg		89	70 - 130	9	35
Toluene	0.00224		0.101	0.08476		mg/Kg		82	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1796		mg/Kg		89	70 - 130	11	35
o-Xylene	<0.00199	U	0.101	0.09037		mg/Kg		89	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-77564/5-A

Matrix: Solid

Analysis Batch: 77568

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 12:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/24 09:22	04/08/24 12:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/08/24 09:22	04/08/24 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:22	04/08/24 12:36	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	04/08/24 09:22	04/08/24 12:36	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/08/24 09:22	04/08/24 12:36	1

Lab Sample ID: LCS 880-77564/1-A

Matrix: Solid

Analysis Batch: 77568

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09146		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09523		mg/Kg		95	70 - 130
Toluene	0.100	0.09023		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1934		mg/Kg		97	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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

Lab Sample ID: LCS 880-77564/1-A

Matrix: Solid

Analysis Batch: 77568

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09499		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: LCSD 880-77564/2-A

Matrix: Solid

Analysis Batch: 77568

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77564

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09181		mg/Kg		92	70 - 130	0	35
Ethylbenzene	0.100	0.1108		mg/Kg		111	70 - 130	15	35
Toluene	0.100	0.09962		mg/Kg		100	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2274		mg/Kg		114	70 - 130	16	35
o-Xylene	0.100	0.1118		mg/Kg		112	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-41890-A-5-C MS

Matrix: Solid

Analysis Batch: 77568

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 77564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.08151		mg/Kg		82	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.08519		mg/Kg		86	70 - 130
Toluene	<0.00199	U	0.0996	0.08030		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08512		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

Lab Sample ID: 880-41890-A-5-D MSD

Matrix: Solid

Analysis Batch: 77568

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 77564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.08833		mg/Kg		88	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.101	0.07872		mg/Kg		78	70 - 130	8	35
Toluene	<0.00199	U	0.101	0.08277		mg/Kg		82	70 - 130	3	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1673		mg/Kg		83	70 - 130	4	35
o-Xylene	<0.00199	U	0.101	0.1049		mg/Kg		104	70 - 130	21	35

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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

Lab Sample ID: 880-41890-A-5-D MSD

Matrix: Solid

Analysis Batch: 77568

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 77564

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

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

Lab Sample ID: MB 880-77525/1-A

Matrix: Solid

Analysis Batch: 77515

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77525

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/24 07:35	04/06/24 07:43	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 07:35	04/06/24 07:43	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 07:35	04/06/24 07:43	1	
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 07:35	04/06/24 07:43	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	124		70 - 130				04/06/24 07:35	04/06/24 07:43	1	
o-Terphenyl	128		70 - 130				04/06/24 07:35	04/06/24 07:43	1	

Lab Sample ID: LCS 880-77525/2-A

Matrix: Solid

Analysis Batch: 77515

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77525

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	867.1		mg/Kg		87		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	854.3		mg/Kg		85		70 - 130		
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	74		70 - 130							
o-Terphenyl	78		70 - 130							

Lab Sample ID: LCSD 880-77525/3-A

Matrix: Solid

Analysis Batch: 77515

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77525

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	881.6		mg/Kg		88		70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	814.0		mg/Kg		81		70 - 130	5	20
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	82		70 - 130							
o-Terphenyl	86		70 - 130							

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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

Lab Sample ID: 880-41909-A-41-F MS

Matrix: Solid

Analysis Batch: 77515

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 77525

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	806.6		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	796.4		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	101		70 - 130						
o-Terphenyl	87		70 - 130						

Lab Sample ID: 880-41909-A-41-G MSD

Matrix: Solid

Analysis Batch: 77515

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 77525

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	<50.0	U	999	764.5		mg/Kg		72	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	718.0		mg/Kg		70	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	79		70 - 130								

Lab Sample ID: MB 880-77526/1-A

Matrix: Solid

Analysis Batch: 77550

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77526

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		04/06/24 08:45	04/08/24 09:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 09:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 09:11	1
Total TPH	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 09:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	245	S1+	70 - 130				04/06/24 08:45	04/08/24 09:11	1
o-Terphenyl	197	S1+	70 - 130				04/06/24 08:45	04/08/24 09:11	1

Lab Sample ID: LCS 880-77526/2-A

Matrix: Solid

Analysis Batch: 77550

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77526

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	905.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	900.1		mg/Kg		90	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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

Lab Sample ID: LCS 880-77526/2-A
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77526

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: LCSD 880-77526/3-A
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 77526

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	941.7		mg/Kg		94	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	891.8		mg/Kg		89	70 - 130	1	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	83										
o-Terphenyl	73										

Lab Sample ID: 880-41908-11 MS
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: T-7 (3)
Prep Type: Total/NA
Prep Batch: 77526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	859.0		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1008		mg/Kg		99	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	139	S1+									
o-Terphenyl	108										

Lab Sample ID: 880-41908-11 MSD
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: T-7 (3)
Prep Type: Total/NA
Prep Batch: 77526

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	<50.0	U	999	907.4		mg/Kg		87	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1130		mg/Kg		112	70 - 130	11	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	150	S1+									
o-Terphenyl	118										

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-77700/1-A

Matrix: Solid

Analysis Batch: 77765

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/24 04:51	1

Lab Sample ID: LCS 880-77700/2-A

Matrix: Solid

Analysis Batch: 77765

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	265.6		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-77700/3-A

Matrix: Solid

Analysis Batch: 77765

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	266.6		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-41908-1 MS

Matrix: Solid

Analysis Batch: 77765

Client Sample ID: T-5 (0-1)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	113		249	373.9		mg/Kg		105	90 - 110

Lab Sample ID: 880-41908-1 MSD

Matrix: Solid

Analysis Batch: 77765

Client Sample ID: T-5 (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	113		249	368.0		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 880-41908-11 MS

Matrix: Solid

Analysis Batch: 77765

Client Sample ID: T-7 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6.42		248	251.2		mg/Kg		99	90 - 110

Lab Sample ID: 880-41908-11 MSD

Matrix: Solid

Analysis Batch: 77765

Client Sample ID: T-7 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.42		253	257.9		mg/Kg		100	90 - 110	3	20

Lab Sample ID: MB 880-77719/1-A

Matrix: Solid

Analysis Batch: 77819

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/24 17:48	1

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-77719/2-A				Client Sample ID: Lab Control Sample						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 77819										
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride			250	272.8		mg/Kg		109	90 - 110	

Lab Sample ID: LCSD 880-77719/3-A				Client Sample ID: Lab Control Sample Dup						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 77819										
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Chloride			250	273.3		mg/Kg		109	90 - 110	0 20

Lab Sample ID: 880-41908-21 MS				Client Sample ID: T-10 (0-1)						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 77819										
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	212	F1	252	490.2	F1	mg/Kg		111	90 - 110	

Lab Sample ID: 880-41908-21 MSD				Client Sample ID: T-10 (0-1)						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 77819										
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Chloride	212	F1	252	490.8	F1	mg/Kg		111	90 - 110	0 20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

GC VOA

Prep Batch: 77561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-1	T-5 (0-1)	Total/NA	Solid	5035	
880-41908-2	T-5 (2)	Total/NA	Solid	5035	
880-41908-3	T-5 (3)	Total/NA	Solid	5035	
880-41908-4	T-5 (4)	Total/NA	Solid	5035	
880-41908-5	T-6 (0-1)	Total/NA	Solid	5035	
880-41908-6	T-6 (2)	Total/NA	Solid	5035	
880-41908-7	T-6 (3)	Total/NA	Solid	5035	
880-41908-8	T-6 (4)	Total/NA	Solid	5035	
880-41908-9	T-7 (0-1)	Total/NA	Solid	5035	
880-41908-10	T-7 (2)	Total/NA	Solid	5035	
880-41908-11	T-7 (3)	Total/NA	Solid	5035	
880-41908-12	T-7 (4)	Total/NA	Solid	5035	
880-41908-13	T-8 (0-1)	Total/NA	Solid	5035	
880-41908-14	T-8 (2)	Total/NA	Solid	5035	
880-41908-15	T-8 (3)	Total/NA	Solid	5035	
880-41908-16	T-8 (4)	Total/NA	Solid	5035	
880-41908-17	T-9 (0-1)	Total/NA	Solid	5035	
880-41908-18	T-9 (2)	Total/NA	Solid	5035	
880-41908-19	T-9 (3)	Total/NA	Solid	5035	
880-41908-20	T-9 (4)	Total/NA	Solid	5035	
MB 880-77561/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77561/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-77561/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-41908-1 MS	T-5 (0-1)	Total/NA	Solid	5035	
880-41908-1 MSD	T-5 (0-1)	Total/NA	Solid	5035	

Prep Batch: 77564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-21	T-10 (0-1)	Total/NA	Solid	5035	
880-41908-22	T-10 (2)	Total/NA	Solid	5035	
880-41908-23	T-10 (3)	Total/NA	Solid	5035	
880-41908-24	T-10 (4)	Total/NA	Solid	5035	
MB 880-77564/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77564/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-77564/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-41890-A-5-C MS	Matrix Spike	Total/NA	Solid	5035	
880-41890-A-5-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 77566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-1	T-5 (0-1)	Total/NA	Solid	8021B	77561
880-41908-2	T-5 (2)	Total/NA	Solid	8021B	77561
880-41908-3	T-5 (3)	Total/NA	Solid	8021B	77561
880-41908-4	T-5 (4)	Total/NA	Solid	8021B	77561
880-41908-5	T-6 (0-1)	Total/NA	Solid	8021B	77561
880-41908-6	T-6 (2)	Total/NA	Solid	8021B	77561
880-41908-7	T-6 (3)	Total/NA	Solid	8021B	77561
880-41908-8	T-6 (4)	Total/NA	Solid	8021B	77561
880-41908-9	T-7 (0-1)	Total/NA	Solid	8021B	77561
880-41908-10	T-7 (2)	Total/NA	Solid	8021B	77561
880-41908-11	T-7 (3)	Total/NA	Solid	8021B	77561

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

GC VOA (Continued)

Analysis Batch: 77566 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-12	T-7 (4)	Total/NA	Solid	8021B	77561
880-41908-13	T-8 (0-1)	Total/NA	Solid	8021B	77561
880-41908-14	T-8 (2)	Total/NA	Solid	8021B	77561
880-41908-15	T-8 (3)	Total/NA	Solid	8021B	77561
880-41908-16	T-8 (4)	Total/NA	Solid	8021B	77561
880-41908-17	T-9 (0-1)	Total/NA	Solid	8021B	77561
880-41908-18	T-9 (2)	Total/NA	Solid	8021B	77561
880-41908-19	T-9 (3)	Total/NA	Solid	8021B	77561
880-41908-20	T-9 (4)	Total/NA	Solid	8021B	77561
MB 880-77561/5-A	Method Blank	Total/NA	Solid	8021B	77561
LCS 880-77561/1-A	Lab Control Sample	Total/NA	Solid	8021B	77561
LCSD 880-77561/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77561
880-41908-1 MS	T-5 (0-1)	Total/NA	Solid	8021B	77561
880-41908-1 MSD	T-5 (0-1)	Total/NA	Solid	8021B	77561

Analysis Batch: 77568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-21	T-10 (0-1)	Total/NA	Solid	8021B	77564
880-41908-22	T-10 (2)	Total/NA	Solid	8021B	77564
880-41908-23	T-10 (3)	Total/NA	Solid	8021B	77564
880-41908-24	T-10 (4)	Total/NA	Solid	8021B	77564
MB 880-77564/5-A	Method Blank	Total/NA	Solid	8021B	77564
LCS 880-77564/1-A	Lab Control Sample	Total/NA	Solid	8021B	77564
LCSD 880-77564/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77564
880-41890-A-5-C MS	Matrix Spike	Total/NA	Solid	8021B	77564
880-41890-A-5-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	77564

Analysis Batch: 77715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-1	T-5 (0-1)	Total/NA	Solid	Total BTEX	
880-41908-2	T-5 (2)	Total/NA	Solid	Total BTEX	
880-41908-3	T-5 (3)	Total/NA	Solid	Total BTEX	
880-41908-4	T-5 (4)	Total/NA	Solid	Total BTEX	
880-41908-5	T-6 (0-1)	Total/NA	Solid	Total BTEX	
880-41908-6	T-6 (2)	Total/NA	Solid	Total BTEX	
880-41908-7	T-6 (3)	Total/NA	Solid	Total BTEX	
880-41908-8	T-6 (4)	Total/NA	Solid	Total BTEX	
880-41908-9	T-7 (0-1)	Total/NA	Solid	Total BTEX	
880-41908-10	T-7 (2)	Total/NA	Solid	Total BTEX	
880-41908-11	T-7 (3)	Total/NA	Solid	Total BTEX	
880-41908-12	T-7 (4)	Total/NA	Solid	Total BTEX	
880-41908-13	T-8 (0-1)	Total/NA	Solid	Total BTEX	
880-41908-14	T-8 (2)	Total/NA	Solid	Total BTEX	
880-41908-15	T-8 (3)	Total/NA	Solid	Total BTEX	
880-41908-16	T-8 (4)	Total/NA	Solid	Total BTEX	
880-41908-17	T-9 (0-1)	Total/NA	Solid	Total BTEX	
880-41908-18	T-9 (2)	Total/NA	Solid	Total BTEX	
880-41908-19	T-9 (3)	Total/NA	Solid	Total BTEX	
880-41908-20	T-9 (4)	Total/NA	Solid	Total BTEX	
880-41908-21	T-10 (0-1)	Total/NA	Solid	Total BTEX	
880-41908-22	T-10 (2)	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

GC VOA (Continued)

Analysis Batch: 77715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-23	T-10 (3)	Total/NA	Solid	Total BTEX	
880-41908-24	T-10 (4)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 77515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-1	T-5 (0-1)	Total/NA	Solid	8015B NM	77525
880-41908-2	T-5 (2)	Total/NA	Solid	8015B NM	77525
880-41908-3	T-5 (3)	Total/NA	Solid	8015B NM	77525
880-41908-4	T-5 (4)	Total/NA	Solid	8015B NM	77525
880-41908-5	T-6 (0-1)	Total/NA	Solid	8015B NM	77525
880-41908-6	T-6 (2)	Total/NA	Solid	8015B NM	77525
880-41908-7	T-6 (3)	Total/NA	Solid	8015B NM	77525
880-41908-8	T-6 (4)	Total/NA	Solid	8015B NM	77525
880-41908-9	T-7 (0-1)	Total/NA	Solid	8015B NM	77525
880-41908-10	T-7 (2)	Total/NA	Solid	8015B NM	77525
MB 880-77525/1-A	Method Blank	Total/NA	Solid	8015B NM	77525
LCS 880-77525/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77525
LCSD 880-77525/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77525
880-41909-A-41-F MS	Matrix Spike	Total/NA	Solid	8015B NM	77525
880-41909-A-41-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	77525

Prep Batch: 77525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-1	T-5 (0-1)	Total/NA	Solid	8015NM Prep	
880-41908-2	T-5 (2)	Total/NA	Solid	8015NM Prep	
880-41908-3	T-5 (3)	Total/NA	Solid	8015NM Prep	
880-41908-4	T-5 (4)	Total/NA	Solid	8015NM Prep	
880-41908-5	T-6 (0-1)	Total/NA	Solid	8015NM Prep	
880-41908-6	T-6 (2)	Total/NA	Solid	8015NM Prep	
880-41908-7	T-6 (3)	Total/NA	Solid	8015NM Prep	
880-41908-8	T-6 (4)	Total/NA	Solid	8015NM Prep	
880-41908-9	T-7 (0-1)	Total/NA	Solid	8015NM Prep	
880-41908-10	T-7 (2)	Total/NA	Solid	8015NM Prep	
MB 880-77525/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77525/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77525/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41909-A-41-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-41909-A-41-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 77526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-11	T-7 (3)	Total/NA	Solid	8015NM Prep	
880-41908-12	T-7 (4)	Total/NA	Solid	8015NM Prep	
880-41908-13	T-8 (0-1)	Total/NA	Solid	8015NM Prep	
880-41908-14	T-8 (2)	Total/NA	Solid	8015NM Prep	
880-41908-15	T-8 (3)	Total/NA	Solid	8015NM Prep	
880-41908-16	T-8 (4)	Total/NA	Solid	8015NM Prep	
880-41908-17	T-9 (0-1)	Total/NA	Solid	8015NM Prep	
880-41908-18	T-9 (2)	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Prep Batch: 77526 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-19	T-9 (3)	Total/NA	Solid	8015NM Prep	
880-41908-20	T-9 (4)	Total/NA	Solid	8015NM Prep	
880-41908-21	T-10 (0-1)	Total/NA	Solid	8015NM Prep	
880-41908-22	T-10 (2)	Total/NA	Solid	8015NM Prep	
880-41908-23	T-10 (3)	Total/NA	Solid	8015NM Prep	
880-41908-24	T-10 (4)	Total/NA	Solid	8015NM Prep	
MB 880-77526/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77526/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77526/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41908-11 MS	T-7 (3)	Total/NA	Solid	8015NM Prep	
880-41908-11 MSD	T-7 (3)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 77550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-11	T-7 (3)	Total/NA	Solid	8015B NM	77526
880-41908-12	T-7 (4)	Total/NA	Solid	8015B NM	77526
880-41908-13	T-8 (0-1)	Total/NA	Solid	8015B NM	77526
880-41908-14	T-8 (2)	Total/NA	Solid	8015B NM	77526
880-41908-15	T-8 (3)	Total/NA	Solid	8015B NM	77526
880-41908-16	T-8 (4)	Total/NA	Solid	8015B NM	77526
880-41908-17	T-9 (0-1)	Total/NA	Solid	8015B NM	77526
880-41908-18	T-9 (2)	Total/NA	Solid	8015B NM	77526
880-41908-19	T-9 (3)	Total/NA	Solid	8015B NM	77526
880-41908-20	T-9 (4)	Total/NA	Solid	8015B NM	77526
880-41908-21	T-10 (0-1)	Total/NA	Solid	8015B NM	77526
880-41908-22	T-10 (2)	Total/NA	Solid	8015B NM	77526
880-41908-23	T-10 (3)	Total/NA	Solid	8015B NM	77526
880-41908-24	T-10 (4)	Total/NA	Solid	8015B NM	77526
MB 880-77526/1-A	Method Blank	Total/NA	Solid	8015B NM	77526
LCS 880-77526/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77526
LCSD 880-77526/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77526
880-41908-11 MS	T-7 (3)	Total/NA	Solid	8015B NM	77526
880-41908-11 MSD	T-7 (3)	Total/NA	Solid	8015B NM	77526

Analysis Batch: 77584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-1	T-5 (0-1)	Total/NA	Solid	8015 NM	
880-41908-2	T-5 (2)	Total/NA	Solid	8015 NM	
880-41908-3	T-5 (3)	Total/NA	Solid	8015 NM	
880-41908-4	T-5 (4)	Total/NA	Solid	8015 NM	
880-41908-5	T-6 (0-1)	Total/NA	Solid	8015 NM	
880-41908-6	T-6 (2)	Total/NA	Solid	8015 NM	
880-41908-7	T-6 (3)	Total/NA	Solid	8015 NM	
880-41908-8	T-6 (4)	Total/NA	Solid	8015 NM	
880-41908-9	T-7 (0-1)	Total/NA	Solid	8015 NM	
880-41908-10	T-7 (2)	Total/NA	Solid	8015 NM	
880-41908-11	T-7 (3)	Total/NA	Solid	8015 NM	
880-41908-12	T-7 (4)	Total/NA	Solid	8015 NM	
880-41908-13	T-8 (0-1)	Total/NA	Solid	8015 NM	
880-41908-14	T-8 (2)	Total/NA	Solid	8015 NM	
880-41908-15	T-8 (3)	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Analysis Batch: 77584 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-16	T-8 (4)	Total/NA	Solid	8015 NM	
880-41908-17	T-9 (0-1)	Total/NA	Solid	8015 NM	
880-41908-18	T-9 (2)	Total/NA	Solid	8015 NM	
880-41908-19	T-9 (3)	Total/NA	Solid	8015 NM	
880-41908-20	T-9 (4)	Total/NA	Solid	8015 NM	
880-41908-21	T-10 (0-1)	Total/NA	Solid	8015 NM	
880-41908-22	T-10 (2)	Total/NA	Solid	8015 NM	
880-41908-23	T-10 (3)	Total/NA	Solid	8015 NM	
880-41908-24	T-10 (4)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 77700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-1	T-5 (0-1)	Soluble	Solid	DI Leach	
880-41908-2	T-5 (2)	Soluble	Solid	DI Leach	
880-41908-3	T-5 (3)	Soluble	Solid	DI Leach	
880-41908-4	T-5 (4)	Soluble	Solid	DI Leach	
880-41908-5	T-6 (0-1)	Soluble	Solid	DI Leach	
880-41908-6	T-6 (2)	Soluble	Solid	DI Leach	
880-41908-7	T-6 (3)	Soluble	Solid	DI Leach	
880-41908-8	T-6 (4)	Soluble	Solid	DI Leach	
880-41908-9	T-7 (0-1)	Soluble	Solid	DI Leach	
880-41908-10	T-7 (2)	Soluble	Solid	DI Leach	
880-41908-11	T-7 (3)	Soluble	Solid	DI Leach	
880-41908-12	T-7 (4)	Soluble	Solid	DI Leach	
880-41908-13	T-8 (0-1)	Soluble	Solid	DI Leach	
880-41908-14	T-8 (2)	Soluble	Solid	DI Leach	
880-41908-15	T-8 (3)	Soluble	Solid	DI Leach	
880-41908-16	T-8 (4)	Soluble	Solid	DI Leach	
880-41908-17	T-9 (0-1)	Soluble	Solid	DI Leach	
880-41908-18	T-9 (2)	Soluble	Solid	DI Leach	
880-41908-19	T-9 (3)	Soluble	Solid	DI Leach	
880-41908-20	T-9 (4)	Soluble	Solid	DI Leach	
MB 880-77700/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77700/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77700/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41908-1 MS	T-5 (0-1)	Soluble	Solid	DI Leach	
880-41908-1 MSD	T-5 (0-1)	Soluble	Solid	DI Leach	
880-41908-11 MS	T-7 (3)	Soluble	Solid	DI Leach	
880-41908-11 MSD	T-7 (3)	Soluble	Solid	DI Leach	

Leach Batch: 77719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-21	T-10 (0-1)	Soluble	Solid	DI Leach	
880-41908-22	T-10 (2)	Soluble	Solid	DI Leach	
880-41908-23	T-10 (3)	Soluble	Solid	DI Leach	
880-41908-24	T-10 (4)	Soluble	Solid	DI Leach	
MB 880-77719/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77719/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77719/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

HPLC/IC (Continued)

Leach Batch: 77719 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-21 MS	T-10 (0-1)	Soluble	Solid	DI Leach	
880-41908-21 MSD	T-10 (0-1)	Soluble	Solid	DI Leach	

Analysis Batch: 77765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-1	T-5 (0-1)	Soluble	Solid	300.0	77700
880-41908-2	T-5 (2)	Soluble	Solid	300.0	77700
880-41908-3	T-5 (3)	Soluble	Solid	300.0	77700
880-41908-4	T-5 (4)	Soluble	Solid	300.0	77700
880-41908-5	T-6 (0-1)	Soluble	Solid	300.0	77700
880-41908-6	T-6 (2)	Soluble	Solid	300.0	77700
880-41908-7	T-6 (3)	Soluble	Solid	300.0	77700
880-41908-8	T-6 (4)	Soluble	Solid	300.0	77700
880-41908-9	T-7 (0-1)	Soluble	Solid	300.0	77700
880-41908-10	T-7 (2)	Soluble	Solid	300.0	77700
880-41908-11	T-7 (3)	Soluble	Solid	300.0	77700
880-41908-12	T-7 (4)	Soluble	Solid	300.0	77700
880-41908-13	T-8 (0-1)	Soluble	Solid	300.0	77700
880-41908-14	T-8 (2)	Soluble	Solid	300.0	77700
880-41908-15	T-8 (3)	Soluble	Solid	300.0	77700
880-41908-16	T-8 (4)	Soluble	Solid	300.0	77700
880-41908-17	T-9 (0-1)	Soluble	Solid	300.0	77700
880-41908-18	T-9 (2)	Soluble	Solid	300.0	77700
880-41908-19	T-9 (3)	Soluble	Solid	300.0	77700
880-41908-20	T-9 (4)	Soluble	Solid	300.0	77700
MB 880-77700/1-A	Method Blank	Soluble	Solid	300.0	77700
LCS 880-77700/2-A	Lab Control Sample	Soluble	Solid	300.0	77700
LCSD 880-77700/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77700
880-41908-1 MS	T-5 (0-1)	Soluble	Solid	300.0	77700
880-41908-1 MSD	T-5 (0-1)	Soluble	Solid	300.0	77700
880-41908-11 MS	T-7 (3)	Soluble	Solid	300.0	77700
880-41908-11 MSD	T-7 (3)	Soluble	Solid	300.0	77700

Analysis Batch: 77819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41908-21	T-10 (0-1)	Soluble	Solid	300.0	77719
880-41908-22	T-10 (2)	Soluble	Solid	300.0	77719
880-41908-23	T-10 (3)	Soluble	Solid	300.0	77719
880-41908-24	T-10 (4)	Soluble	Solid	300.0	77719
MB 880-77719/1-A	Method Blank	Soluble	Solid	300.0	77719
LCS 880-77719/2-A	Lab Control Sample	Soluble	Solid	300.0	77719
LCSD 880-77719/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77719
880-41908-21 MS	T-10 (0-1)	Soluble	Solid	300.0	77719
880-41908-21 MSD	T-10 (0-1)	Soluble	Solid	300.0	77719

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-5 (0-1)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 12:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 12:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 15:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 15:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 05:10	SMC	EET MID

Client Sample ID: T-5 (2)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-2
Matrix: Solid

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 13:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 15:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 15:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 05:29	SMC	EET MID

Client Sample ID: T-5 (3)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-3
Matrix: Solid

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 13:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 15:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 15:45	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 05:35	SMC	EET MID

Client Sample ID: T-5 (4)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-4
Matrix: Solid

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 13:57	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-5 (4)

Lab Sample ID: 880-41908-4

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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			77584	04/06/24 16:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 16:05	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 05:41	SMC	EET MID

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-41908-5

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 16:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 16:25	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 05:48	SMC	EET MID

Client Sample ID: T-6 (2)

Lab Sample ID: 880-41908-6

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 14:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 16:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 16:45	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 06:07	SMC	EET MID

Client Sample ID: T-6 (3)

Lab Sample ID: 880-41908-7

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 14:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 14:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 17:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 17:05	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-6 (3)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 06:13	SMC	EET MID

Client Sample ID: T-6 (4)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-8
Matrix: Solid

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 15:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 17:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 17:25	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 06:19	SMC	EET MID

Client Sample ID: T-7 (0-1)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-9
Matrix: Solid

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 15:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 15:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 17:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 17:45	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 06:26	SMC	EET MID

Client Sample ID: T-7 (2)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-10
Matrix: Solid

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 16:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 16:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/06/24 18:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77525	04/06/24 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77515	04/06/24 18:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 06:32	SMC	EET MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-7 (3)

Lab Sample ID: 880-41908-11

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 17:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 15:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 15:14	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 06:38	SMC	EET MID

Client Sample ID: T-7 (4)

Lab Sample ID: 880-41908-12

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 17:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 17:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 16:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 16:19	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 06:57	SMC	EET MID

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-41908-13

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 18:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 18:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 16:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 16:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 07:03	SMC	EET MID

Client Sample ID: T-8 (2)

Lab Sample ID: 880-41908-14

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 18:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 18:25	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-8 (2)

Lab Sample ID: 880-41908-14

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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			77584	04/08/24 17:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 17:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 07:22	SMC	EET MID

Client Sample ID: T-8 (3)

Lab Sample ID: 880-41908-15

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 18:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 17:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 17:24	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 07:29	SMC	EET MID

Client Sample ID: T-8 (4)

Lab Sample ID: 880-41908-16

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 19:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 19:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 17:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 17:45	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 07:35	SMC	EET MID

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-41908-17

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 19:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 19:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 18:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 18:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-41908-17

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 07:41	SMC	EET MID

Client Sample ID: T-9 (2)

Lab Sample ID: 880-41908-18

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 19:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 19:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 18:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 18:27	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 07:48	SMC	EET MID

Client Sample ID: T-9 (3)

Lab Sample ID: 880-41908-19

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 20:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 20:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 18:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 18:48	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 07:54	SMC	EET MID

Client Sample ID: T-9 (4)

Lab Sample ID: 880-41908-20

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77561	04/08/24 09:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/08/24 20:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 20:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 19:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 19:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77700	04/09/24 07:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77765	04/10/24 08:00	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-10 (0-1)

Lab Sample ID: 880-41908-21

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77564	04/08/24 09:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77568	04/08/24 15:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 19:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 19:51	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77719	04/09/24 10:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77819	04/10/24 18:03	SMC	EET MID

Client Sample ID: T-10 (2)

Lab Sample ID: 880-41908-22

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77564	04/08/24 09:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77568	04/08/24 15:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 15:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 20:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 20:12	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77719	04/09/24 10:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77819	04/10/24 18:17	SMC	EET MID

Client Sample ID: T-10 (3)

Lab Sample ID: 880-41908-23

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77564	04/08/24 09:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77568	04/08/24 16:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 16:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			77584	04/08/24 20:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 20:33	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	77719	04/09/24 10:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77819	04/10/24 18:22	SMC	EET MID

Client Sample ID: T-10 (4)

Lab Sample ID: 880-41908-24

Date Collected: 03/27/24 00:00

Matrix: Solid

Date Received: 04/05/24 14:48

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	77564	04/08/24 09:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77568	04/08/24 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77715	04/08/24 17:26	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Client Sample ID: T-10 (4)
Date Collected: 03/27/24 00:00
Date Received: 04/05/24 14:48

Lab Sample ID: 880-41908-24
Matrix: Solid

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			77584	04/08/24 20:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	77526	04/06/24 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 20:54	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	77719	04/09/24 10:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77819	04/10/24 18:27	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: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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	T104704400-23-26	06-30-24
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
8015B NM	8015NM Prep	Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

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: Daisy SWD

Job ID: 880-41908-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-41908-1	T-5 (0-1)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-2	T-5 (2)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-3	T-5 (3)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-4	T-5 (4)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-5	T-6 (0-1)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-6	T-6 (2)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-7	T-6 (3)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-8	T-6 (4)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-9	T-7 (0-1)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-10	T-7 (2)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-11	T-7 (3)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-12	T-7 (4)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-13	T-8 (0-1)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-14	T-8 (2)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-15	T-8 (3)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-16	T-8 (4)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-17	T-9 (0-1)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-18	T-9 (2)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-19	T-9 (3)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-20	T-9 (4)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-21	T-10 (0-1)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-22	T-10 (2)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-23	T-10 (3)	Solid	03/27/24 00:00	04/05/24 14:48
880-41908-24	T-10 (4)	Solid	03/27/24 00:00	04/05/24 14:48

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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



880-41908 Chain of Custody

Client Name		Solaris Water		Site Manager		Brittany Long	
Project Name		Daisy SWD					
Project Location (county, state)		Lea County, NM		Project #:		212C-MD-03409	
Invoice to		Solaris ATTN Rob Kirk					
Receiving Laboratory		Xenco Eurofins		Sampler Signature		Brady Vaughan	
Comments							

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	
		YEAR	DATE	WATER	SOIL	HCL	HNO ₃			ICE
	T-5 (0-1)		3/27/2024		X		X		1	
	T-5 (2)		3/27/2024		X		X		1	
	T-5 (3)		3/27/2024		X		X		1	
	T-5 (4)		3/27/2024		X		X		1	
	T-6 (0-1)		3/27/2024		X		X		1	
	T-6 (2)		3/27/2024		X		X		1	
	T-6 (3)		3/27/2024		X		X		1	
	T-6 (4)		3/27/2024		X		X		1	
	T-7 (0-1)		3/27/2024		X		X		1	
	T-7 (2)		3/27/2024		X		X		1	

Relinquished by:	Date	Time	Received by:	Date	Time
5/8/2024	4/5/2024	14:48	John Lee	4/5/24	14:48
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

LAB USE ONLY	REMARKS
Standard	
☐ RUSH	Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized	
☐ Special Report Limits or TRRP Report	

LAB USE ONLY		REMARKS	
Sample Temperature		Standard	
84/3.3			

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	
☐ Chloride Sulfate TDS	
☐ General Water Chemistry (see attached list)	
☐ Anion/Cation Balance	
☐ Hold	

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ORIGINAL COPY

Analysis Request of Chain of Custody Record

Page

Loc: 880

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[illegible]

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-41908-1
SDG Number: Lea County, NM

Login Number: 41908
List Number: 1
Creator: Rodriguez, 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	



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

May 06, 2024

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: DAISY

Enclosed are the results of analyses for samples received by the laboratory on 05/01/24 16:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 1 0-6" (H242354-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572	
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 2 0-6" (H242354-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/02/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 3 0-6" (H242354-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/02/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 4 0-6" (H242354-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572	
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 5 0-6" (H242354-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 6 0-6" (H242354-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/01/2024
 Reported: 05/06/2024
 Project Name: DAISY
 Project Number: 212C - MD - XXXXX
 Project Location: SOLARIS - EDDY CO NM

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 7 0-6" (H242354-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572	
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 8 0-6" (H242354-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 9 0-6" (H242354-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 10 0-6" (H242354-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 11 0-6" (H242354-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.9 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 12 0-6" (H242354-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 13 0-6" (H242354-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 14 0-6" (H242354-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 15 0-6" (H242354-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEx	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 16 0-6" (H242354-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 17 0-6" (H242354-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572	
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 18 0-6" (H242354-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 19 0-6" (H242354-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572		
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 20 0-6" (H242354-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	105	2.00	0.572	
Toluene*	<0.050	0.050	05/02/2024	ND	2.18	109	2.00	3.48	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.40	120	2.00	5.07	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	7.34	122	6.00	4.99	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2024	ND	207	103	200	0.117	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	194	97.2	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 21 0-6" (H242354-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	104	2.00	2.01	
Toluene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	0.946	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.00	99.9	2.00	0.738	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	5.87	97.8	6.00	0.581	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	201	101	200	2.11	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	195	97.6	200	0.916	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 22 0-6" (H242354-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	104	2.00	2.01		
Toluene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	0.946		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.00	99.9	2.00	0.738		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	5.87	97.8	6.00	0.581		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	201	101	200	2.11	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	195	97.6	200	0.916	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	05/01/2024	Sampling Date:	04/25/2024
Reported:	05/06/2024	Sampling Type:	Soil
Project Name:	DAISY	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - XXXXX	Sample Received By:	Shalyn Rodriguez
Project Location:	SOLARIS - EDDY CO NM		

Sample ID: H - 23 0-6" (H242354-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.09	104	2.00	2.01		
Toluene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	0.946		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.00	99.9	2.00	0.738		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	5.87	97.8	6.00	0.581		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	201	101	200	2.11	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	195	97.6	200	0.916	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Custody Record



Tetra Tech, Inc.

901 West Wall St. Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Page 1 of 1

Client Name:

Solaris

Site Manager:

Brittany Long

Project Name:

Daisy

Contact Info:

Brittany.Long@TetraTech.com

Project Location: (county, state)
Eddy County, NM

Project #:

212C-MD-XXXXX

Invoice to:

Receiving Laboratory:

Sampler Signature:

Brady Vaughan

Comments:

SAMPLE IDENTIFICATION

LAB #
(LAB USE ONLY)

DATE

TIME

WATER

SOIL

HCL

HNO₃

ICE

CONTAINERS

FILTERED (Y/N)

BTEX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride ~~2000~~ 4500 3V

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Asbestos

Hold

ANALYSIS REQUEST
(Circle or Specify Method No.)

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Analysis Request of Custody Record



Tetra Tech, Inc.

901 West Wall St, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3046

Client Name:

Solaris

Site Manager:

Brittany Long

Project Name:

Daisy

Contact Info:

Brittany.Long@TetraTech.com

Project Location: (county, state)
Eddy County, NM

Project #:

212C-MD-XXXXX

Invoice to:

Receiving Laboratory:

Sampler Signature:

Brady Vaughan

Comments:

LAB #
H242354

SAMPLE IDENTIFICATION

LAB USE ONLY		SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
			YEAR	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE
	11	H-11 D-6"		4/25/24	12:30		X		X	
	12	H-12 D-6"			12:45					
	13	H-13 D-6"			1:00					
	14	H-14 D-6"			1:15					
	15	H-15 D-6"			1:30					
	16	H-16 D-6"			1:45					
	17	H-17 D-6"			2:00					
	18	H-18 D-6"			2:15					
	19	H-19 D-6"			2:30					
	20	H-20 D-6"			2:45					

Relinquished by:

Date: Time:

Received by:

Date: Time:

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Date: Time:

Received by:

Date: Time:

Relinquished by:

Date: Time:

Received by:

Date: Time:

ANALYSIS REQUEST

(Circle or Specify Method No.)

☒	BTEX 8021B
☒	TPH TX1005 (Ext to C35)
☒	TPH 8015M (GRO - DRO - ORO)
☒	PAH 8270C
☒	Total Metals Ag As Ba Cd Cr Pb Se Hg
☒	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
☒	TCLP Volatiles
☒	TCLP Semi Volatiles
☒	RCI
☒	GC/MS Vol. 8260B / 624
☒	GC/MS Semi. Vol. 8270C/625
☒	PCB's 8082 / 608
☒	NORM
☒	PLM (Asbestos)
☒	Chloride ~~8000~~ 4500 BV
☒	Chloride Sulfate TDS
☒	General Water Chemistry (see attached list)
☒	Anion/Cation Balance
☒	Asbestos
☒	Hold

LAB USE ONLY

REMARKS:

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

24 hr 48 hr 72 hr

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

 901 West Wall St, Suite 100
 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 1 of 1

Page 28 of 28

Client Name: Solaris		Site Manager: Brittany Long	
Project Name: Daisy		Contact Info: Brittany.Long@TetraTech.com	
Project Location: (county, state) Eddy County, NM		Project #: 212C-MD-XXXXX	
Invoice to:			
Receiving Laboratory:		Sampler Signature: Brady Vaughan	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)		
		YEAR	DATE	TIME	WATER	SOIL	HCL				HNO ₃	ICE
21	H-21 0-6"		4/25/24	3:00		X			X	BTEX 8021B		
22	H-22 0-6"			3:15						TPH TX1005 (Ext to C35)		
23	H-23 0-6"			3:30						TPH 8015M (GRO - DRO - ORO)		
										PAH 8270C		
										Total Metals Ag As Ba Cd Cr Pb Se Hg		
										TCLP Metals Ag As Ba Cd Cr Pb Se Hg		
										TCLP Volatiles		
										TCLP Semi Volatiles		
										RCI		
										GC/MS Vol. 8260B / 624		
										GC/MS Semi. Vol. 8270C/625		
										PCB's 8082 / 608		
										NORM		
										PLM (Asbestos)		
									X	Chloride 300 + 4.500 BV		
										Chloride Sulfate TDS		
										General Water Chemistry (see attached list)		
										Anion/Cation Balance		
										Asbestos		
										Hold		

Relinquished by: <i>Brady Vaughan</i>	Date: 5/1/24	Time: 10:54	Received by: <i>Stacy Long</i>	Date: 5-1-24	Time: 10:54
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY	REMARKS:
☒ RUSH: Same Day 24 hr 48 hr 72 hr ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brittany Long
Tetra Tech Inc
901 W Wall
Ste 100
Midland, Texas 79701
Generated 9/9/2024 6:05:59 PM

JOB DESCRIPTION

Solaris Daisy SWD
Eddy County, NM

JOB NUMBER

880-47929-1

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
9/9/2024 6:05:59 PM

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

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Laboratory Job ID: 880-47929-1
SDG: Eddy County, NM

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Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.
α	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: Solaris Daisy SWD

Job ID: 880-47929-1

Job ID: 880-47929-1

Eurofins Midland

Job Narrative
880-47929-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 8/30/2024 11:20 AM. 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 -3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-1) (880-47929-1), H-2 (0-1) (880-47929-2), H-3 (0-1) (880-47929-3), H-4 (0-1) (880-47929-4), H-5 (0-1) (880-47929-5), H-6 (0-1) (880-47929-6), H-7 (0-1) (880-47929-7), H-8 (0-1) (880-47929-8), H-9 (0-1) (880-47929-9), T-1 (0-1) (880-47929-10), T-1 (1-2) (880-47929-11), T-1 (2-3) (880-47929-12), T-1 (3-4) (880-47929-13), T-1 (4-5) (880-47929-14), T-1 (5-6) (880-47929-15), T-1 (6-7) (880-47929-16), T-2 (0-1) (880-47929-17), T-2 (1-2) (880-47929-18), T-2 (2-3) (880-47929-19), T-2 (3-4) (880-47929-20), T-2 (4-5) (880-47929-21), T-2 (5-6) (880-47929-22), T-3 (0-1) (880-47929-23), T-3 (1-2) (880-47929-24), T-3 (2-3) (880-47929-25), T-3 (3-4) (880-47929-26), T-3 (4-5) (880-47929-27), T-3 (5-6) (880-47929-28), T-4 (0-1) (880-47929-29), T-4 (1-2) (880-47929-30), T-4 (2-3) (880-47929-31), T-4 (3-4) (880-47929-32), T-4 (4-5) (880-47929-33), T-4 (5-6) (880-47929-34), T-4 (6-7) (880-47929-35), T-5 (0-1) (880-47929-36), T-5 (1-2) (880-47929-37), T-5 (2-3) (880-47929-38), T-5 (3-4) (880-47929-39), T-5 (4-5) (880-47929-40), T-5 (5-6) (880-47929-41), T-6 (0-1) (880-47929-42), T-6 (1-2) (880-47929-43), T-6 (2-3) (880-47929-44), T-6 (3-4) (880-47929-45), T-6 (4-5) (880-47929-46), T-6 (5-6) (880-47929-47), T-7 (0-1) (880-47929-48), T-7 (1-2) (880-47929-49), T-7 (2-3) (880-47929-50), T-7 (3-4) (880-47929-51), T-7 (4-5) (880-47929-52), T-7 (5-6) (880-47929-53), T-8 (0-1) (880-47929-54), T-8 (1-2) (880-47929-55), T-8 (2-3) (880-47929-56), T-8 (3-4) (880-47929-57), T-8 (4-5) (880-47929-58), T-8 (5-6) (880-47929-59), T-9 (0-1) (880-47929-60), T-9 (1-2) (880-47929-61), T-9 (2-3) (880-47929-62), T-9 (3-4) (880-47929-63), T-9 (4-5) (880-47929-64), T-9 (5-6) (880-47929-65), T-10 (0-1) (880-47929-66), T-10 (1-2) (880-47929-67), T-10 (2-3) (880-47929-68), T-10 (3-4) (880-47929-69), T-10 (4-5) (880-47929-70), T-10 (5-6) (880-47929-71), T-11 (0-1) (880-47929-72), T-11 (1-2) (880-47929-73), T-11 (2-3) (880-47929-74), T-11 (3-4) (880-47929-75), T-11 (4-5) (880-47929-76), T-11 (5-6) (880-47929-77), T-12 (0-1) (880-47929-78), T-12 (1-2) (880-47929-79), T-12 (2-3) (880-47929-80), T-12 (3-4) (880-47929-81), T-12 (4-5) (880-47929-82), T-12 (5-6) (880-47929-83), T-13 (0-1) (880-47929-84), T-13 (1-2) (880-47929-85), T-13 (2-3) (880-47929-86), T-13 (3-4) (880-47929-87), T-13 (4-5) (880-47929-88), T-13 (5-6) (880-47929-89), T-14 (0-1) (880-47929-90), T-14 (1-2) (880-47929-91), T-14 (2-3) (880-47929-92), T-14 (3-4) (880-47929-93), T-14 (4-5) (880-47929-94) and T-14 (5-6) (880-47929-95).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-89870 and 880-89874 and analytical batch 880-89892 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-14 (0-1) (880-47929-90). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-9 (0-1) (880-47929-60). 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 880-89869 and analytical batch 880-89977 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

Eurofins Midland

Case Narrative

Client: Tetra Tech Inc
Project: Solaris Daisy SWD

Job ID: 880-47929-1

Job ID: 880-47929-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-89474 exhibited % difference of > 20% for the following analyte(s) Diesel Range Organics (Over C10-C28). These results are within the acceptance limits but exceed the performance criteria.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-47929-A-1-B MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-6 (5-6) (880-47929-47), T-7 (1-2) (880-47929-49), T-7 (2-3) (880-47929-50), T-8 (3-4) (880-47929-57), T-8 (4-5) (880-47929-58), T-8 (5-6) (880-47929-59), T-11 (0-1) (880-47929-72), (LCS 880-89844/2-A), (LCSD 880-89844/3-A), (LCSD 880-89845/3-A), (880-47929-A-61-B MS) and (880-47929-A-61-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-89842 and analytical batch 880-89928 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 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-89845 and analytical batch 880-89930 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: T-5 (5-6) (880-47929-41), T-6 (3-4) (880-47929-45), T-7 (0-1) (880-47929-48), T-7 (4-5) (880-47929-52), T-8 (2-3) (880-47929-56), T-9 (0-1) (880-47929-60), T-9 (2-3) (880-47929-62), T-9 (3-4) (880-47929-63), T-9 (5-6) (880-47929-65), T-10 (0-1) (880-47929-66), T-10 (1-2) (880-47929-67), T-10 (2-3) (880-47929-68), T-10 (3-4) (880-47929-69), T-10 (4-5) (880-47929-70), T-10 (5-6) (880-47929-71), T-11 (2-3) (880-47929-74), (880-47929-A-41-B MS) and (880-47929-A-41-C MSD). Percent recoveries are based on the amount spiked.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-89848 and analytical batch 880-89872 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.

The associated samples are: H-1 (0-1) (880-47929-1), H-2 (0-1) (880-47929-2), H-3 (0-1) (880-47929-3), H-4 (0-1) (880-47929-4), H-5 (0-1) (880-47929-5) and H-6 (0-1) (880-47929-6).

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-89851 and analytical batch 880-89919 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-89850 and analytical batch 880-89915 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-89853 and analytical batch 880-89952 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-89849 and analytical batch 880-89907 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.

The associated samples are: T-3 (4-5) (880-47929-27), T-3 (5-6) (880-47929-28), T-4 (0-1) (880-47929-29), T-4 (1-2) (880-47929-30), T-4 (2-3) (880-47929-31), T-4 (3-4) (880-47929-32), T-4 (4-5) (880-47929-33), T-4 (5-6) (880-47929-34), T-4 (6-7) (880-47929-35), (880-47929-A-27-C MS) and (880-47929-A-27-D MSD).

Eurofins Midland

Case Narrative

Client: Tetra Tech Inc
Project: Solaris Daisy SWD

Job ID: 880-47929-1

Job ID: 880-47929-1 (Continued) **Eurofins Midland**

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

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Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-1 (0-1)

Lab Sample ID: 880-47929-1

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 16:55	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		08/30/24 16:04	09/03/24 16:55	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		08/30/24 16:04	09/03/24 16:55	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		08/30/24 16:04	09/03/24 16:55	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		08/30/24 16:04	09/03/24 16:55	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		08/30/24 16:04	09/03/24 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/30/24 16:04	09/03/24 16:55	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 16:55	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			09/03/24 16:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/03/24 21:28	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		08/30/24 14:45	09/03/24 21:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/03/24 21:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/03/24 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				08/30/24 14:45	09/03/24 21:28	1
o-Terphenyl	109		70 - 130				08/30/24 14:45	09/03/24 21:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.5		5.04		mg/Kg			09/03/24 10:29	1

Client Sample ID: H-2 (0-1)

Lab Sample ID: 880-47929-2

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 17:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 17:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 17:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:04	09/03/24 17:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 17:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:04	09/03/24 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/30/24 16:04	09/03/24 17:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 17:15	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-2 (0-1)

Lab Sample ID: 880-47929-2

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 17:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/03/24 22:15	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	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/03/24 22:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/03/24 22:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/03/24 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/30/24 14:45	09/03/24 22:15	1
o-Terphenyl	97		70 - 130				08/30/24 14:45	09/03/24 22:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.0		4.98		mg/Kg			09/03/24 10:53	1

Client Sample ID: H-3 (0-1)

Lab Sample ID: 880-47929-3

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 17:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 17:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 17:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 17:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 17:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/30/24 16:04	09/03/24 17:35	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:04	09/03/24 17:35	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			09/03/24 17:35	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			09/03/24 22:32	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	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/03/24 22:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/03/24 22:32	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-3 (0-1)

Lab Sample ID: 880-47929-3

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/03/24 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/30/24 14:45	09/03/24 22:32	1
o-Terphenyl	92		70 - 130				08/30/24 14:45	09/03/24 22:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.7		4.95		mg/Kg			09/03/24 11:01	1

Client Sample ID: H-4 (0-1)

Lab Sample ID: 880-47929-4

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 17:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 17:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 17:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 17:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 17:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/30/24 16:04	09/03/24 17:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 17:56	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			09/03/24 17:56	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			09/03/24 22:48	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	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/03/24 22:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/03/24 22:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/03/24 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/30/24 14:45	09/03/24 22:48	1
o-Terphenyl	95		70 - 130				08/30/24 14:45	09/03/24 22:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.9		4.96		mg/Kg			09/03/24 11:10	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-5 (0-1)

Lab Sample ID: 880-47929-5

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 18:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 18:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 18:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 18:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 18:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/30/24 16:04	09/03/24 18:16	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/30/24 16:04	09/03/24 18:16	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			09/03/24 18:16	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			09/03/24 23:05	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	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/03/24 23:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/03/24 23:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/03/24 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/30/24 14:45	09/03/24 23:05	1
o-Terphenyl	103		70 - 130				08/30/24 14:45	09/03/24 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		5.01		mg/Kg			09/03/24 11:18	1

Client Sample ID: H-6 (0-1)

Lab Sample ID: 880-47929-6

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 18:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 18:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 18:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:04	09/03/24 18:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 18:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:04	09/03/24 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/30/24 16:04	09/03/24 18:37	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:04	09/03/24 18:37	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-6 (0-1)

Lab Sample ID: 880-47929-6

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 18:37	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			09/03/24 23:20	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	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/03/24 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/03/24 23:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/03/24 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/30/24 14:45	09/03/24 23:20	1
o-Terphenyl	96		70 - 130				08/30/24 14:45	09/03/24 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		5.00		mg/Kg			09/03/24 11:26	1

Client Sample ID: H-7 (0-1)

Lab Sample ID: 880-47929-7

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 18:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 18:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 18:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/24 16:04	09/03/24 18:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 18:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 16:04	09/03/24 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:04	09/03/24 18:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:04	09/03/24 18:57	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			09/03/24 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/03/24 23:37	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		08/30/24 14:45	09/03/24 23:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/03/24 23:37	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-7 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-7
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)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/03/24 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/30/24 14:45	09/03/24 23:37	1
o-Terphenyl	95		70 - 130				08/30/24 14:45	09/03/24 23:37	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		5.02		mg/Kg			09/03/24 11:34	1

Client Sample ID: H-8 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-8
Matrix: Solid

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		08/30/24 16:04	09/03/24 19:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 19:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 19:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 19:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 19:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/30/24 16:04	09/03/24 19:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 19:18	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			09/03/24 19:18	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			09/03/24 23:52	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		08/30/24 14:45	09/03/24 23:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/03/24 23:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/03/24 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/30/24 14:45	09/03/24 23:52	1
o-Terphenyl	111		70 - 130				08/30/24 14:45	09/03/24 23:52	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.5		5.00		mg/Kg			09/03/24 11:59	1

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-9 (0-1)

Lab Sample ID: 880-47929-9

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 19:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 19:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 19:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 19:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 19:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/30/24 16:04	09/03/24 19:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 19:38	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			09/03/24 19:38	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			09/04/24 00:09	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		08/30/24 14:45	09/04/24 00:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 00:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/30/24 14:45	09/04/24 00:09	1
o-Terphenyl	95		70 - 130				08/30/24 14:45	09/04/24 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		4.96		mg/Kg			09/03/24 12:07	1

Client Sample ID: T-1 (0-1)

Lab Sample ID: 880-47929-10

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 19:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 19:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 19:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:04	09/03/24 19:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 19:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:04	09/03/24 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/30/24 16:04	09/03/24 19:59	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 19:59	1

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Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-1 (0-1)

Lab Sample ID: 880-47929-10

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 19:59	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			09/04/24 00:24	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		08/30/24 14:45	09/04/24 00:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/04/24 00:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/04/24 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/30/24 14:45	09/04/24 00:24	1
o-Terphenyl	93		70 - 130				08/30/24 14:45	09/04/24 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	717		4.96		mg/Kg			09/03/24 12:31	1

Client Sample ID: T-1 (1-2)

Lab Sample ID: 880-47929-11

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 21:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 21:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 21:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 21:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 21:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/30/24 16:04	09/03/24 21:33	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 21:33	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			09/03/24 21:33	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			09/04/24 00:56	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	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 00:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 00:56	1

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Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-1 (1-2)

Lab Sample ID: 880-47929-11

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/30/24 14:45	09/04/24 00:56	1
o-Terphenyl	98		70 - 130				08/30/24 14:45	09/04/24 00:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.7		5.04		mg/Kg			09/03/24 12:39	1

Client Sample ID: T-1 (2-3)

Lab Sample ID: 880-47929-12

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 21:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 21:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 21:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 21:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 21:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/30/24 16:04	09/03/24 21:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 21:53	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			09/03/24 21:53	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			09/04/24 01:12	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		08/30/24 14:45	09/04/24 01:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/04/24 01:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/04/24 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/30/24 14:45	09/04/24 01:12	1
o-Terphenyl	99		70 - 130				08/30/24 14:45	09/04/24 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.01		mg/Kg			09/03/24 12:48	1

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Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-1 (3-4)

Lab Sample ID: 880-47929-13

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 22:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/24 16:04	09/03/24 22:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/24 16:04	09/03/24 22:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/30/24 16:04	09/03/24 22:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/24 16:04	09/03/24 22:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/30/24 16:04	09/03/24 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/30/24 16:04	09/03/24 22:13	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/24 16:04	09/03/24 22:13	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			09/03/24 22:13	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			09/04/24 01:28	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		08/30/24 14:45	09/04/24 01:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/04/24 01:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/04/24 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/30/24 14:45	09/04/24 01:28	1
o-Terphenyl	94		70 - 130	08/30/24 14:45	09/04/24 01:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		5.03		mg/Kg			09/03/24 12:56	1

Client Sample ID: T-1 (4-5)

Lab Sample ID: 880-47929-14

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 22:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 22:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 22:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 22:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 22:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/30/24 16:04	09/03/24 22:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/24 16:04	09/03/24 22:34	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-1 (4-5)

Lab Sample ID: 880-47929-14

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 22:34	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			09/04/24 01:44	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		08/30/24 14:45	09/04/24 01:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 01:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/30/24 14:45	09/04/24 01:44	1
o-Terphenyl	93		70 - 130				08/30/24 14:45	09/04/24 01:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	303		4.98		mg/Kg			09/03/24 13:04	1

Client Sample ID: T-1 (5-6)

Lab Sample ID: 880-47929-15

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 22:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:04	09/03/24 22:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:04	09/03/24 22:54	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/30/24 16:04	09/03/24 22:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:04	09/03/24 22:54	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/30/24 16:04	09/03/24 22:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:04	09/03/24 22:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 22:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/03/24 22:54	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			09/04/24 01:59	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	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/04/24 01:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/04/24 01:59	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-1 (5-6)

Lab Sample ID: 880-47929-15

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 14:45	09/04/24 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/30/24 14:45	09/04/24 01:59	1
o-Terphenyl	105		70 - 130				08/30/24 14:45	09/04/24 01:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	263		4.96		mg/Kg			09/03/24 13:12	1

Client Sample ID: T-1 (6-7)

Lab Sample ID: 880-47929-16

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 23:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 23:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 23:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 23:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 23:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 23:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/30/24 16:04	09/03/24 23:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/03/24 23:15	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			09/03/24 23:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/04/24 02:16	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		08/30/24 14:45	09/04/24 02:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/04/24 02:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/04/24 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/30/24 14:45	09/04/24 02:16	1
o-Terphenyl	98		70 - 130				08/30/24 14:45	09/04/24 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		25.2		mg/Kg			09/03/24 13:20	5

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-47929-17

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 23:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 23:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 23:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 23:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/03/24 23:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/03/24 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/30/24 16:04	09/03/24 23:35	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/24 16:04	09/03/24 23:35	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			09/03/24 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/04/24 02:31	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	<49.7	U	49.7		mg/Kg		08/30/24 14:45	09/04/24 02:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:45	09/04/24 02:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:45	09/04/24 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	08/30/24 14:45	09/04/24 02:31	1
o-Terphenyl	100		70 - 130	08/30/24 14:45	09/04/24 02:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.8		5.03		mg/Kg			09/05/24 11:48	1

Client Sample ID: T-2 (1-2)

Lab Sample ID: 880-47929-18

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/03/24 23:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 23:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 23:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 23:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:04	09/03/24 23:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:04	09/03/24 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/30/24 16:04	09/03/24 23:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/24 16:04	09/03/24 23:56	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-2 (1-2)

Lab Sample ID: 880-47929-18

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 23:56	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			09/04/24 02:47	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		08/30/24 14:45	09/04/24 02:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/04/24 02:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:45	09/04/24 02:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/30/24 14:45	09/04/24 02:47	1
o-Terphenyl	93		70 - 130				08/30/24 14:45	09/04/24 02:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.1		5.00		mg/Kg			09/05/24 12:05	1

Client Sample ID: T-2 (2-3)

Lab Sample ID: 880-47929-19

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/04/24 00:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/04/24 00:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/04/24 00:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/04/24 00:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:04	09/04/24 00:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:04	09/04/24 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/30/24 16:04	09/04/24 00:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/30/24 16:04	09/04/24 00:16	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			09/04/24 00:16	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			09/04/24 03:02	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		08/30/24 14:45	09/04/24 03:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 03:02	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-2 (2-3)

Lab Sample ID: 880-47929-19

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/04/24 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/30/24 14:45	09/04/24 03:02	1
o-Terphenyl	104		70 - 130				08/30/24 14:45	09/04/24 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.5		4.96		mg/Kg			09/05/24 12:10	1

Client Sample ID: T-2 (3-4)

Lab Sample ID: 880-47929-20

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:04	09/04/24 00:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/04/24 00:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/04/24 00:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:04	09/04/24 00:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/04/24 00:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:04	09/04/24 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:04	09/04/24 00:37	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:04	09/04/24 00:37	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			09/04/24 00:37	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			09/04/24 03:18	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		08/30/24 14:45	09/04/24 03:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/04/24 03:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:45	09/04/24 03:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/30/24 14:45	09/04/24 03:18	1
o-Terphenyl	97		70 - 130				08/30/24 14:45	09/04/24 03:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.4		5.04		mg/Kg			09/05/24 12:16	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-2 (4-5)

Lab Sample ID: 880-47929-21

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 16:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 16:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 16:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 16:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 16:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				08/30/24 16:08	08/31/24 16:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:08	08/31/24 16:48	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			08/31/24 16:48	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			09/04/24 05:10	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	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 05:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		08/30/24 14:47	09/04/24 05:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/30/24 14:47	09/04/24 05:10	1
o-Terphenyl	104		70 - 130				08/30/24 14:47	09/04/24 05:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.6		4.98		mg/Kg			09/05/24 12:21	1

Client Sample ID: T-2 (5-6)

Lab Sample ID: 880-47929-22

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 17:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 17:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 17:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:08	08/31/24 17:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 17:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:08	08/31/24 17:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/30/24 16:08	08/31/24 17:08	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/30/24 16:08	08/31/24 17:08	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-2 (5-6)

Lab Sample ID: 880-47929-22

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 17:08	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			09/04/24 05:57	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		08/30/24 14:47	09/04/24 05:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		08/30/24 14:47	09/04/24 05:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/30/24 14:47	09/04/24 05:57	1
o-Terphenyl	98		70 - 130				08/30/24 14:47	09/04/24 05:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.02		mg/Kg			09/05/24 12:38	1

Client Sample ID: T-3 (0-1)

Lab Sample ID: 880-47929-23

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 17:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 17:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 17:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 17:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 17:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/30/24 16:08	08/31/24 17:28	1
1,4-Difluorobenzene (Surr)	115		70 - 130				08/30/24 16:08	08/31/24 17:28	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			08/31/24 17:28	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			09/04/24 06:13	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		08/30/24 14:47	09/04/24 06:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		08/30/24 14:47	09/04/24 06:13	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-3 (0-1)

Lab Sample ID: 880-47929-23

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/30/24 14:47	09/04/24 06:13	1
o-Terphenyl	96		70 - 130				08/30/24 14:47	09/04/24 06:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	951		4.96		mg/Kg			09/05/24 12:44	1

Client Sample ID: T-3 (1-2)

Lab Sample ID: 880-47929-24

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 17:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 17:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 17:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 17:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 17:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				08/30/24 16:08	08/31/24 17:49	1
1,4-Difluorobenzene (Surr)	118		70 - 130				08/30/24 16:08	08/31/24 17:49	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			08/31/24 17:49	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			09/04/24 06:28	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		08/30/24 14:47	09/04/24 06:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		08/30/24 14:47	09/04/24 06:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 06:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/30/24 14:47	09/04/24 06:28	1
o-Terphenyl	95		70 - 130				08/30/24 14:47	09/04/24 06:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		5.02		mg/Kg			09/05/24 12:50	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-3 (2-3)

Lab Sample ID: 880-47929-25

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 18:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 18:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 18:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 18:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 18:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	08/30/24 16:08	08/31/24 18:09	1
1,4-Difluorobenzene (Surr)	115		70 - 130	08/30/24 16:08	08/31/24 18:09	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			08/31/24 18:09	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			09/04/24 06:44	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		08/30/24 14:47	09/04/24 06:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U *	49.8		mg/Kg		08/30/24 14:47	09/04/24 06:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:47	09/04/24 06:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	08/30/24 14:47	09/04/24 06:44	1
o-Terphenyl	102		70 - 130	08/30/24 14:47	09/04/24 06:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1490		24.9		mg/Kg			09/05/24 12:55	5

Client Sample ID: T-3 (3-4)

Lab Sample ID: 880-47929-26

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 18:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 18:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 18:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:08	08/31/24 18:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 18:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:08	08/31/24 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/30/24 16:08	08/31/24 18:30	1
1,4-Difluorobenzene (Surr)	109		70 - 130	08/30/24 16:08	08/31/24 18:30	1

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Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-3 (3-4)

Lab Sample ID: 880-47929-26

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/04/24 07:00	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	<49.7	U	49.7		mg/Kg		08/30/24 14:47	09/04/24 07:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		08/30/24 14:47	09/04/24 07:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:47	09/04/24 07:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/30/24 14:47	09/04/24 07:00	1
o-Terphenyl	96		70 - 130				08/30/24 14:47	09/04/24 07:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1900		24.8		mg/Kg			09/05/24 13:01	5

Client Sample ID: T-3 (4-5)

Lab Sample ID: 880-47929-27

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 18:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 18:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 18:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/24 16:08	08/31/24 18:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 18:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 16:08	08/31/24 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				08/30/24 16:08	08/31/24 18:50	1
1,4-Difluorobenzene (Surr)	114		70 - 130				08/30/24 16:08	08/31/24 18:50	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			08/31/24 18:50	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			09/04/24 07:16	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		08/30/24 14:47	09/04/24 07:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		08/30/24 14:47	09/04/24 07:16	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-3 (4-5)

Lab Sample ID: 880-47929-27

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 14:47	09/04/24 07:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/30/24 14:47	09/04/24 07:16	1
o-Terphenyl	96		70 - 130				08/30/24 14:47	09/04/24 07:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1530	F1	24.9		mg/Kg			09/05/24 13:07	5

Client Sample ID: T-3 (5-6)

Lab Sample ID: 880-47929-28

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 19:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 19:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 19:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 19:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 19:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				08/30/24 16:08	08/31/24 19:11	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/30/24 16:08	08/31/24 19:11	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			08/31/24 19:11	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			09/04/24 07:31	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		08/30/24 14:47	09/04/24 07:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		08/30/24 14:47	09/04/24 07:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:47	09/04/24 07:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/30/24 14:47	09/04/24 07:31	1
o-Terphenyl	102		70 - 130				08/30/24 14:47	09/04/24 07:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1940		24.9		mg/Kg			09/05/24 13:24	5

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Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-47929-29

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 19:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 19:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 19:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 19:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 19:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	08/30/24 16:08	08/31/24 19:31	1
1,4-Difluorobenzene (Surr)	114		70 - 130	08/30/24 16:08	08/31/24 19:31	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			08/31/24 19:31	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			09/04/24 07:48	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		08/30/24 14:47	09/04/24 07:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		08/30/24 14:47	09/04/24 07:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:47	09/04/24 07:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/30/24 14:47	09/04/24 07:48	1
o-Terphenyl	84		70 - 130	08/30/24 14:47	09/04/24 07:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.2		5.02		mg/Kg			09/05/24 13:29	1

Client Sample ID: T-4 (1-2)

Lab Sample ID: 880-47929-30

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 19:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 19:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 19:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:08	08/31/24 19:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 19:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:08	08/31/24 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/30/24 16:08	08/31/24 19:52	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/30/24 16:08	08/31/24 19:52	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-4 (1-2)

Lab Sample ID: 880-47929-30

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 19:52	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			09/04/24 08:03	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		08/30/24 14:47	09/04/24 08:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		08/30/24 14:47	09/04/24 08:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:47	09/04/24 08:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/30/24 14:47	09/04/24 08:03	1
o-Terphenyl	97		70 - 130				08/30/24 14:47	09/04/24 08:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	427		4.98		mg/Kg			09/05/24 14:43	1

Client Sample ID: T-4 (2-3)

Lab Sample ID: 880-47929-31

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 21:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 21:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 21:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 21:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 21:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/30/24 16:08	08/31/24 21:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:08	08/31/24 21:42	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			08/31/24 21:42	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			09/04/24 08:35	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	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 08:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		08/30/24 14:47	09/04/24 08:35	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-4 (2-3)

Lab Sample ID: 880-47929-31

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 08:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/30/24 14:47	09/04/24 08:35	1
o-Terphenyl	89		70 - 130				08/30/24 14:47	09/04/24 08:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		5.04		mg/Kg			09/05/24 14:49	1

Client Sample ID: T-4 (3-4)

Lab Sample ID: 880-47929-32

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 22:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 22:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 22:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 22:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 22:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/30/24 16:08	08/31/24 22:02	1
1,4-Difluorobenzene (Surr)	115		70 - 130				08/30/24 16:08	08/31/24 22:02	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			08/31/24 22:02	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			09/04/24 08:52	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		08/30/24 14:47	09/04/24 08:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U *	49.8		mg/Kg		08/30/24 14:47	09/04/24 08:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:47	09/04/24 08:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/30/24 14:47	09/04/24 08:52	1
o-Terphenyl	95		70 - 130				08/30/24 14:47	09/04/24 08:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	387		25.1		mg/Kg			09/05/24 14:54	5

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-4 (4-5)

Lab Sample ID: 880-47929-33

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 22:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/24 16:08	08/31/24 22:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/24 16:08	08/31/24 22:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/30/24 16:08	08/31/24 22:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/24 16:08	08/31/24 22:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/30/24 16:08	08/31/24 22:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/30/24 16:08	08/31/24 22:23	1
1,4-Difluorobenzene (Surr)	110		70 - 130				08/30/24 16:08	08/31/24 22:23	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			08/31/24 22:23	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			09/04/24 09:07	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		08/30/24 14:47	09/04/24 09:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		08/30/24 14:47	09/04/24 09:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:47	09/04/24 09:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/30/24 14:47	09/04/24 09:07	1
o-Terphenyl	91		70 - 130				08/30/24 14:47	09/04/24 09:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	697		24.9		mg/Kg			09/05/24 15:00	5

Client Sample ID: T-4 (5-6)

Lab Sample ID: 880-47929-34

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 22:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 22:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 22:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 22:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 22:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 22:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/30/24 16:08	08/31/24 22:43	1
1,4-Difluorobenzene (Surr)	112		70 - 130				08/30/24 16:08	08/31/24 22:43	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-4 (5-6)

Lab Sample ID: 880-47929-34

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 22:43	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			09/04/24 09:23	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		08/30/24 14:47	09/04/24 09:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		08/30/24 14:47	09/04/24 09:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:47	09/04/24 09:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/30/24 14:47	09/04/24 09:23	1
o-Terphenyl	102		70 - 130				08/30/24 14:47	09/04/24 09:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	889		25.2		mg/Kg			09/05/24 15:06	5

Client Sample ID: T-4 (6-7)

Lab Sample ID: 880-47929-35

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 23:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:08	08/31/24 23:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:08	08/31/24 23:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/30/24 16:08	08/31/24 23:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:08	08/31/24 23:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/30/24 16:08	08/31/24 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				08/30/24 16:08	08/31/24 23:04	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/30/24 16:08	08/31/24 23:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/31/24 23:04	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			09/04/24 09:39	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	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 09:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		08/30/24 14:47	09/04/24 09:39	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-4 (6-7)

Lab Sample ID: 880-47929-35

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 09:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/30/24 14:47	09/04/24 09:39	1
o-Terphenyl	103		70 - 130				08/30/24 14:47	09/04/24 09:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	923		24.9		mg/Kg			09/05/24 15:11	5

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-47929-36

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 23:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 23:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 23:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 23:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	08/31/24 23:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	08/31/24 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				08/30/24 16:08	08/31/24 23:24	1
1,4-Difluorobenzene (Surr)	112		70 - 130				08/30/24 16:08	08/31/24 23:24	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			08/31/24 23:24	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			09/04/24 09:55	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	<49.8	U	49.8		mg/Kg		08/30/24 14:47	09/04/24 09:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		08/30/24 14:47	09/04/24 09:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:47	09/04/24 09:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/30/24 14:47	09/04/24 09:55	1
o-Terphenyl	98		70 - 130				08/30/24 14:47	09/04/24 09:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	482		5.02		mg/Kg			09/05/24 15:17	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-5 (1-2)

Lab Sample ID: 880-47929-37

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	08/31/24 23:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 23:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 23:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 23:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	08/31/24 23:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	08/31/24 23:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/30/24 16:08	08/31/24 23:45	1
1,4-Difluorobenzene (Surr)	114		70 - 130				08/30/24 16:08	08/31/24 23:45	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			08/31/24 23:45	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			09/04/24 10:10	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	<49.8	U	49.8		mg/Kg		08/30/24 14:47	09/04/24 10:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		08/30/24 14:47	09/04/24 10:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:47	09/04/24 10:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/30/24 14:47	09/04/24 10:10	1
o-Terphenyl	106		70 - 130				08/30/24 14:47	09/04/24 10:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	423	F1	4.99		mg/Kg			09/04/24 04:41	1

Client Sample ID: T-5 (2-3)

Lab Sample ID: 880-47929-38

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	09/01/24 00:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	09/01/24 00:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	09/01/24 00:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	09/01/24 00:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:08	09/01/24 00:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:08	09/01/24 00:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/30/24 16:08	09/01/24 00:05	1
1,4-Difluorobenzene (Surr)	120		70 - 130				08/30/24 16:08	09/01/24 00:05	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-5 (2-3)

Lab Sample ID: 880-47929-38

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/01/24 00:05	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			09/04/24 10:26	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		08/30/24 14:47	09/04/24 10:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		08/30/24 14:47	09/04/24 10:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 10:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/30/24 14:47	09/04/24 10:26	1
o-Terphenyl	95		70 - 130				08/30/24 14:47	09/04/24 10:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		4.96		mg/Kg			09/04/24 05:05	1

Client Sample ID: T-5 (3-4)

Lab Sample ID: 880-47929-39

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	09/01/24 00:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	09/01/24 00:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	09/01/24 00:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	09/01/24 00:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:08	09/01/24 00:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:08	09/01/24 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/30/24 16:08	09/01/24 00:26	1
1,4-Difluorobenzene (Surr)	108		70 - 130				08/30/24 16:08	09/01/24 00:26	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			09/01/24 00:26	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			09/04/24 10:43	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		08/30/24 14:47	09/04/24 10:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		08/30/24 14:47	09/04/24 10:43	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-5 (3-4)

Lab Sample ID: 880-47929-39

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<49.9	U	49.9		mg/Kg		08/30/24 14:47	09/04/24 10:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/30/24 14:47	09/04/24 10:43	1
o-Terphenyl	92		70 - 130				08/30/24 14:47	09/04/24 10:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		4.98		mg/Kg			09/04/24 05:13	1

Client Sample ID: T-5 (4-5)

Lab Sample ID: 880-47929-40

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:08	09/01/24 00:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	09/01/24 00:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	09/01/24 00:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:08	09/01/24 00:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	09/01/24 00:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:08	09/01/24 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				08/30/24 16:08	09/01/24 00:46	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/30/24 16:08	09/01/24 00:46	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			09/01/24 00:46	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			09/04/24 10:59	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		08/30/24 14:47	09/04/24 10:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		08/30/24 14:47	09/04/24 10:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:47	09/04/24 10:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/30/24 14:47	09/04/24 10:59	1
o-Terphenyl	92		70 - 130				08/30/24 14:47	09/04/24 10:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	318		5.02		mg/Kg			09/04/24 05:21	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-5 (5-6)

Lab Sample ID: 880-47929-41

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 16:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 16:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 16:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/24 16:11	08/31/24 16:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 16:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/24 16:11	08/31/24 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/30/24 16:11	08/31/24 16:06	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/30/24 16:11	08/31/24 16:06	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			08/31/24 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/03/24 21:28	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	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 21:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 21:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	08/30/24 14:50	09/03/24 21:28	1
o-Terphenyl	139	S1+	70 - 130	08/30/24 14:50	09/03/24 21:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	354		4.97		mg/Kg			09/04/24 05:30	1

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-47929-42

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 16:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 16:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 16:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 16:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 16:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/30/24 16:11	08/31/24 16:26	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/30/24 16:11	08/31/24 16:26	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-47929-42

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 16:26	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			09/03/24 22:15	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	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 22:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 22:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/30/24 14:50	09/03/24 22:15	1
o-Terphenyl	118		70 - 130				08/30/24 14:50	09/03/24 22:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	887		4.99		mg/Kg			09/04/24 05:54	1

Client Sample ID: T-6 (1-2)

Lab Sample ID: 880-47929-43

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 16:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 16:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 16:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 16:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 16:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/30/24 16:11	08/31/24 16:47	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:11	08/31/24 16:47	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			08/31/24 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/03/24 22:32	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	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 22:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 22:32	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-6 (1-2)

Lab Sample ID: 880-47929-43

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/30/24 14:50	09/03/24 22:32	1
o-Terphenyl	120		70 - 130				08/30/24 14:50	09/03/24 22:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	909		4.98		mg/Kg			09/04/24 06:02	1

Client Sample ID: T-6 (2-3)

Lab Sample ID: 880-47929-44

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 17:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 17:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 17:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:11	08/31/24 17:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 17:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:11	08/31/24 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/30/24 16:11	08/31/24 17:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:11	08/31/24 17:07	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			08/31/24 17:07	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			09/03/24 22:48	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		08/30/24 14:50	09/03/24 22:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 22:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/30/24 14:50	09/03/24 22:48	1
o-Terphenyl	124		70 - 130				08/30/24 14:50	09/03/24 22:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	842		24.8		mg/Kg			09/04/24 06:10	5

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-6 (3-4)

Lab Sample ID: 880-47929-45

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 17:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 17:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 17:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 17:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 17:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/30/24 16:11	08/31/24 17:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/30/24 16:11	08/31/24 17:28	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			08/31/24 17:28	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			09/03/24 23:05	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	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 23:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 23:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				08/30/24 14:50	09/03/24 23:05	1
o-Terphenyl	141	S1+	70 - 130				08/30/24 14:50	09/03/24 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	862		25.1		mg/Kg			09/04/24 06:18	5

Client Sample ID: T-6 (4-5)

Lab Sample ID: 880-47929-46

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 17:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 17:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 17:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 17:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/30/24 16:11	08/31/24 17:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/30/24 16:11	08/31/24 17:48	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-6 (4-5)

Lab Sample ID: 880-47929-46

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/03/24 23:20	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	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 23:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 23:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:50	09/03/24 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/30/24 14:50	09/03/24 23:20	1
o-Terphenyl	129		70 - 130				08/30/24 14:50	09/03/24 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	905		24.9		mg/Kg			09/04/24 06:27	5

Client Sample ID: T-6 (5-6)

Lab Sample ID: 880-47929-47

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 18:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 18:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 18:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 18:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/30/24 16:11	08/31/24 18:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/30/24 16:11	08/31/24 18:09	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			08/31/24 18:09	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			09/03/24 23:37	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		08/30/24 14:50	09/03/24 23:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/03/24 23:37	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-6 (5-6)

Lab Sample ID: 880-47929-47

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 14:50	09/03/24 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				08/30/24 14:50	09/03/24 23:37	1
o-Terphenyl	135	S1+	70 - 130				08/30/24 14:50	09/03/24 23:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010	F1	25.1		mg/Kg			09/04/24 06:35	5

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-47929-48

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 18:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 18:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 18:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/30/24 16:11	08/31/24 18:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 18:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/30/24 16:11	08/31/24 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/30/24 16:11	08/31/24 18:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/30/24 16:11	08/31/24 18:29	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			08/31/24 18:29	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			09/03/24 23:52	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		08/30/24 14:50	09/03/24 23:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/03/24 23:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/03/24 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				08/30/24 14:50	09/03/24 23:52	1
o-Terphenyl	144	S1+	70 - 130				08/30/24 14:50	09/03/24 23:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4180		50.4		mg/Kg			09/04/24 06:59	10

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-7 (1-2)

Lab Sample ID: 880-47929-49

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 18:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 18:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 18:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:11	08/31/24 18:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 18:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:11	08/31/24 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/30/24 16:11	08/31/24 18:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/24 16:11	08/31/24 18:50	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			08/31/24 18:50	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			09/04/24 00:09	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		08/30/24 14:50	09/04/24 00:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 00:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	08/30/24 14:50	09/04/24 00:09	1
o-Terphenyl	132	S1+	70 - 130	08/30/24 14:50	09/04/24 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		25.0		mg/Kg			09/04/24 07:07	5

Client Sample ID: T-7 (2-3)

Lab Sample ID: 880-47929-50

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 19:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 19:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 19:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 19:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 19:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/30/24 16:11	08/31/24 19:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/30/24 16:11	08/31/24 19:10	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-7 (2-3)

Lab Sample ID: 880-47929-50

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 19:10	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			09/04/24 00:24	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		08/30/24 14:50	09/04/24 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 00:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/30/24 14:50	09/04/24 00:24	1
o-Terphenyl	133	S1+	70 - 130				08/30/24 14:50	09/04/24 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360		24.8		mg/Kg			09/04/24 07:32	5

Client Sample ID: T-7 (3-4)

Lab Sample ID: 880-47929-51

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 20:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 20:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 20:34	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/30/24 16:11	08/31/24 20:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 20:34	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/30/24 16:11	08/31/24 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:11	08/31/24 20:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:11	08/31/24 20:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/31/24 20:34	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			09/04/24 00:56	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	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 00:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 00:56	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-7 (3-4)

Lab Sample ID: 880-47929-51

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/30/24 14:50	09/04/24 00:56	1
o-Terphenyl	127		70 - 130				08/30/24 14:50	09/04/24 00:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	581		24.8		mg/Kg			09/04/24 07:40	5

Client Sample ID: T-7 (4-5)

Lab Sample ID: 880-47929-52

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 20:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 20:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 20:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/24 16:11	08/31/24 20:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 20:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/24 16:11	08/31/24 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/30/24 16:11	08/31/24 20:54	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/30/24 16:11	08/31/24 20:54	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			08/31/24 20:54	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			09/04/24 01:12	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		08/30/24 14:50	09/04/24 01:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/04/24 01:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/04/24 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/30/24 14:50	09/04/24 01:12	1
o-Terphenyl	133	S1+	70 - 130				08/30/24 14:50	09/04/24 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		5.04		mg/Kg			09/04/24 07:48	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-7 (5-6)

Lab Sample ID: 880-47929-53

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 21:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 21:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 21:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 21:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 21:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/30/24 16:11	08/31/24 21:15	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:11	08/31/24 21:15	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			08/31/24 21:15	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			09/04/24 01:28	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		08/30/24 14:50	09/04/24 01:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/04/24 01:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/04/24 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/30/24 14:50	09/04/24 01:28	1
o-Terphenyl	116		70 - 130				08/30/24 14:50	09/04/24 01:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	446		4.98		mg/Kg			09/04/24 07:56	1

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-47929-54

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 21:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 21:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 21:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 21:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 21:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:11	08/31/24 21:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/30/24 16:11	08/31/24 21:35	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-47929-54

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 21:35	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			09/04/24 01:44	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		08/30/24 14:50	09/04/24 01:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 01:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/30/24 14:50	09/04/24 01:44	1
o-Terphenyl	118		70 - 130				08/30/24 14:50	09/04/24 01:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		24.9		mg/Kg			09/04/24 08:04	5

Client Sample ID: T-8 (1-2)

Lab Sample ID: 880-47929-55

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 21:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 21:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 21:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 21:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 21:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 21:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/30/24 16:11	08/31/24 21:56	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/30/24 16:11	08/31/24 21:56	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			08/31/24 21:56	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			09/04/24 01:59	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		08/30/24 14:50	09/04/24 01:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 01:59	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-8 (1-2)

Lab Sample ID: 880-47929-55

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/04/24 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/30/24 14:50	09/04/24 01:59	1
o-Terphenyl	125		70 - 130				08/30/24 14:50	09/04/24 01:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	463		5.02		mg/Kg			09/04/24 08:13	1

Client Sample ID: T-8 (2-3)

Lab Sample ID: 880-47929-56

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 22:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 22:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 22:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/30/24 16:11	08/31/24 22:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:11	08/31/24 22:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/30/24 16:11	08/31/24 22:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/30/24 16:11	08/31/24 22:16	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:11	08/31/24 22:16	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			08/31/24 22:16	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			09/04/24 02:16	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		08/30/24 14:50	09/04/24 02:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/04/24 02:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/04/24 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				08/30/24 14:50	09/04/24 02:16	1
o-Terphenyl	152	S1+	70 - 130				08/30/24 14:50	09/04/24 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		4.96		mg/Kg			09/04/24 08:21	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-8 (3-4)

Lab Sample ID: 880-47929-57

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 22:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 22:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 22:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 22:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:11	08/31/24 22:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:11	08/31/24 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	08/30/24 16:11	08/31/24 22:37	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/30/24 16:11	08/31/24 22:37	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			08/31/24 22:37	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			09/04/24 02:31	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		08/30/24 14:50	09/04/24 02:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/04/24 02:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/04/24 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	08/30/24 14:50	09/04/24 02:31	1
o-Terphenyl	131	S1+	70 - 130	08/30/24 14:50	09/04/24 02:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390	F1	5.01		mg/Kg			09/04/24 01:31	1

Client Sample ID: T-8 (4-5)

Lab Sample ID: 880-47929-58

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 22:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 22:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 22:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:11	08/31/24 22:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 22:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:11	08/31/24 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/30/24 16:11	08/31/24 22:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/30/24 16:11	08/31/24 22:57	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-8 (4-5)

Lab Sample ID: 880-47929-58

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			08/31/24 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/04/24 02:47	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		08/30/24 14:50	09/04/24 02:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/04/24 02:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/04/24 02:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/30/24 14:50	09/04/24 02:47	1
o-Terphenyl	132	S1+	70 - 130				08/30/24 14:50	09/04/24 02:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		4.98		mg/Kg			09/04/24 01:58	1

Client Sample ID: T-8 (5-6)

Lab Sample ID: 880-47929-59

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 23:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 23:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 23:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/24 16:11	08/31/24 23:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 23:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/24 16:11	08/31/24 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/30/24 16:11	08/31/24 23:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:11	08/31/24 23:18	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			08/31/24 23:18	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			09/04/24 03:02	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		08/30/24 14:50	09/04/24 03:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:50	09/04/24 03:02	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-8 (5-6)

Lab Sample ID: 880-47929-59

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 14:50	09/04/24 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/30/24 14:50	09/04/24 03:02	1
o-Terphenyl	134	S1+	70 - 130				08/30/24 14:50	09/04/24 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	231		4.97		mg/Kg			09/04/24 02:07	1

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-47929-60

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:11	08/31/24 23:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 23:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 23:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 23:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:11	08/31/24 23:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:11	08/31/24 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				08/30/24 16:11	08/31/24 23:38	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:11	08/31/24 23:38	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			08/31/24 23:38	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			09/04/24 03:18	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	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/04/24 03:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/04/24 03:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:50	09/04/24 03:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				08/30/24 14:50	09/04/24 03:18	1
o-Terphenyl	145	S1+	70 - 130				08/30/24 14:50	09/04/24 03:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2170		24.8		mg/Kg			09/04/24 02:16	5

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-9 (1-2)

Lab Sample ID: 880-47929-61

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 12:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 12:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 12:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/24 16:15	09/03/24 12:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 12:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/24 16:15	09/03/24 12:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/30/24 16:15	09/03/24 12:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/30/24 16:15	09/03/24 12:21	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			09/03/24 12:21	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			09/04/24 05:10	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	<49.9	U	49.9		mg/Kg		08/30/24 14:56	09/04/24 05:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:56	09/04/24 05:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:56	09/04/24 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	08/30/24 14:56	09/04/24 05:10	1
o-Terphenyl	126		70 - 130	08/30/24 14:56	09/04/24 05:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	264		5.02		mg/Kg			09/04/24 02:24	1

Client Sample ID: T-9 (2-3)

Lab Sample ID: 880-47929-62

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 12:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 12:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 12:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 12:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 12:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 12:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/30/24 16:15	09/03/24 12:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/24 16:15	09/03/24 12:41	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-9 (2-3)

Lab Sample ID: 880-47929-62

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 12:41	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			09/04/24 05:57	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		08/30/24 14:56	09/04/24 05:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:56	09/04/24 05:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:56	09/04/24 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	152	S1+	70 - 130				08/30/24 14:56	09/04/24 05:57	1
o-Terphenyl	156	S1+	70 - 130				08/30/24 14:56	09/04/24 05:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	555		4.98		mg/Kg			09/04/24 02:51	1

Client Sample ID: T-9 (3-4)

Lab Sample ID: 880-47929-63

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 13:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 13:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 13:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 13:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 13:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/30/24 16:15	09/03/24 13:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:15	09/03/24 13:02	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			09/03/24 13:02	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			09/04/24 06:13	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		08/30/24 14:56	09/04/24 06:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 06:13	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-9 (3-4)

Lab Sample ID: 880-47929-63

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				08/30/24 14:56	09/04/24 06:13	1
o-Terphenyl	142	S1+	70 - 130				08/30/24 14:56	09/04/24 06:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	668		4.98		mg/Kg			09/04/24 03:00	1

Client Sample ID: T-9 (4-5)

Lab Sample ID: 880-47929-64

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 13:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 13:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:15	09/03/24 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 13:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:15	09/03/24 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/30/24 16:15	09/03/24 13:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/30/24 16:15	09/03/24 13:22	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			09/03/24 13:22	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			09/04/24 06:28	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		08/30/24 14:56	09/04/24 06:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 06:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 06:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/30/24 14:56	09/04/24 06:28	1
o-Terphenyl	129		70 - 130				08/30/24 14:56	09/04/24 06:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	646		5.02		mg/Kg			09/04/24 03:09	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-9 (5-6)

Lab Sample ID: 880-47929-65

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 13:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 13:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 13:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 13:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 13:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/30/24 16:15	09/03/24 13:43	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/30/24 16:15	09/03/24 13:43	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			09/03/24 13:43	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			09/04/24 06:44	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		08/30/24 14:56	09/04/24 06:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 06:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				08/30/24 14:56	09/04/24 06:44	1
o-Terphenyl	143	S1+	70 - 130				08/30/24 14:56	09/04/24 06:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	762		4.97		mg/Kg			09/04/24 03:18	1

Client Sample ID: T-10 (0-1)

Lab Sample ID: 880-47929-66

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 14:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 14:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 14:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 14:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 14:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/30/24 16:15	09/03/24 14:03	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/30/24 16:15	09/03/24 14:03	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-10 (0-1)

Lab Sample ID: 880-47929-66

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 14:03	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			09/04/24 07:00	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		08/30/24 14:56	09/04/24 07:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 07:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 07:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				08/30/24 14:56	09/04/24 07:00	1
o-Terphenyl	145	S1+	70 - 130				08/30/24 14:56	09/04/24 07:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	926		4.96		mg/Kg			09/04/24 03:26	1

Client Sample ID: T-10 (1-2)

Lab Sample ID: 880-47929-67

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 14:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 14:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 14:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 14:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 14:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:15	09/03/24 14:24	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:15	09/03/24 14:24	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			09/03/24 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/04/24 07:16	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	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 07:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 07:16	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-10 (1-2)

Lab Sample ID: 880-47929-67

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 07:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				08/30/24 14:56	09/04/24 07:16	1
o-Terphenyl	140	S1+	70 - 130				08/30/24 14:56	09/04/24 07:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	441		5.02		mg/Kg			09/04/24 03:35	1

Client Sample ID: T-10 (2-3)

Lab Sample ID: 880-47929-68

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 14:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 14:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 14:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/30/24 16:15	09/03/24 14:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 14:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/30/24 16:15	09/03/24 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/30/24 16:15	09/03/24 14:44	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:15	09/03/24 14:44	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			09/03/24 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/04/24 07:31	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	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 07:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 07:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 07:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				08/30/24 14:56	09/04/24 07:31	1
o-Terphenyl	146	S1+	70 - 130				08/30/24 14:56	09/04/24 07:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		4.99		mg/Kg			09/04/24 04:02	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-10 (3-4)

Lab Sample ID: 880-47929-69

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 15:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 15:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 15:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:15	09/03/24 15:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 15:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:15	09/03/24 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/30/24 16:15	09/03/24 15:05	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:15	09/03/24 15:05	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			09/03/24 15:05	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			09/04/24 07:48	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		08/30/24 14:56	09/04/24 07:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 07:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 07:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130				08/30/24 14:56	09/04/24 07:48	1
o-Terphenyl	149	S1+	70 - 130				08/30/24 14:56	09/04/24 07:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		4.99		mg/Kg			09/04/24 04:11	1

Client Sample ID: T-10 (4-5)

Lab Sample ID: 880-47929-70

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 15:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 15:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 15:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 15:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 15:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/30/24 16:15	09/03/24 15:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/24 16:15	09/03/24 15:25	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-10 (4-5)

Lab Sample ID: 880-47929-70

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 15:25	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			09/04/24 08:03	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		08/30/24 14:56	09/04/24 08:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 08:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 08:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				08/30/24 14:56	09/04/24 08:03	1
o-Terphenyl	139	S1+	70 - 130				08/30/24 14:56	09/04/24 08:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		4.96		mg/Kg			09/04/24 04:37	1

Client Sample ID: T-10 (5-6)

Lab Sample ID: 880-47929-71

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 16:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 16:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 16:48	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/30/24 16:15	09/03/24 16:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 16:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/30/24 16:15	09/03/24 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/30/24 16:15	09/03/24 16:48	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/30/24 16:15	09/03/24 16:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/03/24 16:48	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			09/04/24 08:35	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	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 08:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 08:35	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-10 (5-6)

Lab Sample ID: 880-47929-71

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 14:56	09/04/24 08:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				08/30/24 14:56	09/04/24 08:35	1
o-Terphenyl	143	S1+	70 - 130				08/30/24 14:56	09/04/24 08:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	632		5.04		mg/Kg			09/04/24 04:46	1

Client Sample ID: T-11 (0-1)

Lab Sample ID: 880-47929-72

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 17:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 17:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 17:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/24 16:15	09/03/24 17:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 17:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/24 16:15	09/03/24 17:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/30/24 16:15	09/03/24 17:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/30/24 16:15	09/03/24 17:08	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			09/03/24 17:08	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			09/04/24 08:52	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		08/30/24 14:56	09/04/24 08:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 08:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 08:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				08/30/24 14:56	09/04/24 08:52	1
o-Terphenyl	132	S1+	70 - 130				08/30/24 14:56	09/04/24 08:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	840		4.97		mg/Kg			09/04/24 04:55	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-11 (1-2)

Lab Sample ID: 880-47929-73

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 17:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 17:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 17:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 17:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 17:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/30/24 16:15	09/03/24 17:29	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/24 16:15	09/03/24 17:29	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			09/03/24 17:29	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			09/04/24 09:07	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		08/30/24 14:56	09/04/24 09:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:56	09/04/24 09:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:56	09/04/24 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	08/30/24 14:56	09/04/24 09:07	1
o-Terphenyl	118		70 - 130	08/30/24 14:56	09/04/24 09:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	268		5.02		mg/Kg			09/04/24 05:04	1

Client Sample ID: T-11 (2-3)

Lab Sample ID: 880-47929-74

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 17:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 17:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 17:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 17:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 17:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/30/24 16:15	09/03/24 17:49	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/24 16:15	09/03/24 17:49	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-11 (2-3)

Lab Sample ID: 880-47929-74

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/04/24 09:23	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	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 09:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 09:23	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 09:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				08/30/24 14:56	09/04/24 09:23	1
o-Terphenyl	138	S1+	70 - 130				08/30/24 14:56	09/04/24 09:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		4.98		mg/Kg			09/04/24 05:13	1

Client Sample ID: T-11 (3-4)

Lab Sample ID: 880-47929-75

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 18:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 18:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 18:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 18:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 18:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/30/24 16:15	09/03/24 18:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:15	09/03/24 18:10	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			09/03/24 18:10	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			09/04/24 09:39	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		08/30/24 14:56	09/04/24 09:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 09:39	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-11 (3-4)

Lab Sample ID: 880-47929-75

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 09:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/30/24 14:56	09/04/24 09:39	1
o-Terphenyl	116		70 - 130				08/30/24 14:56	09/04/24 09:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	479		5.02		mg/Kg			09/04/24 05:22	1

Client Sample ID: T-11 (4-5)

Lab Sample ID: 880-47929-76

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 18:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 18:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 18:30	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/30/24 16:15	09/03/24 18:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:15	09/03/24 18:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/30/24 16:15	09/03/24 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/30/24 16:15	09/03/24 18:30	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/24 16:15	09/03/24 18:30	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			09/03/24 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/04/24 09:55	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	<49.6	U	49.6		mg/Kg		08/30/24 14:56	09/04/24 09:55	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/30/24 14:56	09/04/24 09:55	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/30/24 14:56	09/04/24 09:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/30/24 14:56	09/04/24 09:55	1
o-Terphenyl	119		70 - 130				08/30/24 14:56	09/04/24 09:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	771		4.96		mg/Kg			09/04/24 05:30	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-11 (5-6)

Lab Sample ID: 880-47929-77

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 18:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 18:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:15	09/03/24 18:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:15	09/03/24 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/30/24 16:15	09/03/24 18:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/30/24 16:15	09/03/24 18:51	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			09/03/24 18:51	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			09/04/24 10:10	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		08/30/24 14:56	09/04/24 10:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 10:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 10:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	08/30/24 14:56	09/04/24 10:10	1
o-Terphenyl	122		70 - 130	08/30/24 14:56	09/04/24 10:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		25.0		mg/Kg			09/04/24 23:12	5

Client Sample ID: T-12 (0-1)

Lab Sample ID: 880-47929-78

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 19:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:15	09/03/24 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 19:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:15	09/03/24 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/30/24 16:15	09/03/24 19:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/30/24 16:15	09/03/24 19:11	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-12 (0-1)

Lab Sample ID: 880-47929-78

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/03/24 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/04/24 10:26	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	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 10:26	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 10:26	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:56	09/04/24 10:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/30/24 14:56	09/04/24 10:26	1
o-Terphenyl	122		70 - 130				08/30/24 14:56	09/04/24 10:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		24.8		mg/Kg			09/04/24 23:37	5

Client Sample ID: T-12 (1-2)

Lab Sample ID: 880-47929-79

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 19:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/24 16:15	09/03/24 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 19:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/24 16:15	09/03/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:15	09/03/24 19:31	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/30/24 16:15	09/03/24 19:31	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			09/03/24 19:31	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			09/04/24 10:43	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		08/30/24 14:56	09/04/24 10:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 10:43	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-12 (1-2)

Lab Sample ID: 880-47929-79

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 14:56	09/04/24 10:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				08/30/24 14:56	09/04/24 10:43	1
o-Terphenyl	123		70 - 130				08/30/24 14:56	09/04/24 10:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	226		4.98		mg/Kg			09/04/24 23:45	1

Client Sample ID: T-12 (2-3)

Lab Sample ID: 880-47929-80

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:15	09/03/24 19:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 19:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 19:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 19:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:15	09/03/24 19:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:15	09/03/24 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:15	09/03/24 19:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/30/24 16:15	09/03/24 19:52	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			09/03/24 19:52	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			09/04/24 10:59	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	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 10:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 10:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:56	09/04/24 10:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/30/24 14:56	09/04/24 10:59	1
o-Terphenyl	121		70 - 130				08/30/24 14:56	09/04/24 10:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	511		4.97		mg/Kg			09/04/24 23:53	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-12 (3-4)

Lab Sample ID: 880-47929-81

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 04:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 04:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 04:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/24 16:17	09/01/24 04:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 04:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/24 16:17	09/01/24 04:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/30/24 16:17	09/01/24 04:24	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/30/24 16:17	09/01/24 04:24	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			09/01/24 04:24	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			08/30/24 22:46	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		08/30/24 14:59	08/30/24 22:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/30/24 22:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/30/24 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	08/30/24 14:59	08/30/24 22:46	1
o-Terphenyl	83		70 - 130	08/30/24 14:59	08/30/24 22:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	879		24.9		mg/Kg			09/05/24 00:01	5

Client Sample ID: T-12 (4-5)

Lab Sample ID: 880-47929-82

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 04:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 04:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 04:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:17	09/01/24 04:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 04:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:17	09/01/24 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/30/24 16:17	09/01/24 04:45	1
1,4-Difluorobenzene (Surr)	113		70 - 130	08/30/24 16:17	09/01/24 04:45	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-12 (4-5)

Lab Sample ID: 880-47929-82

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/01/24 04:45	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			08/30/24 23:29	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		08/30/24 14:59	08/30/24 23:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/30/24 23:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/30/24 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				08/30/24 14:59	08/30/24 23:29	1
o-Terphenyl	98		70 - 130				08/30/24 14:59	08/30/24 23:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		25.0		mg/Kg			09/05/24 00:26	5

Client Sample ID: T-12 (5-6)

Lab Sample ID: 880-47929-83

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 05:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 05:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 05:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:17	09/01/24 05:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 05:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:17	09/01/24 05:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				08/30/24 16:17	09/01/24 05:05	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/30/24 16:17	09/01/24 05:05	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			09/01/24 05:05	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			08/30/24 23:43	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		08/30/24 14:59	08/30/24 23:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:59	08/30/24 23:43	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-12 (5-6)

Lab Sample ID: 880-47929-83

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 14:59	08/30/24 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/30/24 14:59	08/30/24 23:43	1
o-Terphenyl	117		70 - 130				08/30/24 14:59	08/30/24 23:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	744		4.96		mg/Kg			09/05/24 00:34	1

Client Sample ID: T-13 (0-1)

Lab Sample ID: 880-47929-84

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 05:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 05:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 05:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:17	09/01/24 05:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 05:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:17	09/01/24 05:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				08/30/24 16:17	09/01/24 05:26	1
1,4-Difluorobenzene (Surr)	116		70 - 130				08/30/24 16:17	09/01/24 05:26	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			09/01/24 05:26	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			08/30/24 23:57	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		08/30/24 14:59	08/30/24 23:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:59	08/30/24 23:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 14:59	08/30/24 23:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				08/30/24 14:59	08/30/24 23:57	1
o-Terphenyl	81		70 - 130				08/30/24 14:59	08/30/24 23:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		25.1		mg/Kg			09/05/24 00:42	5

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-13 (1-2)

Lab Sample ID: 880-47929-85

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 05:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 05:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 05:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:17	09/01/24 05:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 05:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:17	09/01/24 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	08/30/24 16:17	09/01/24 05:46	1
1,4-Difluorobenzene (Surr)	115		70 - 130	08/30/24 16:17	09/01/24 05:46	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			09/01/24 05:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/31/24 00:12	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	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 00:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 00:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	08/30/24 14:59	08/31/24 00:12	1
o-Terphenyl	83		70 - 130	08/30/24 14:59	08/31/24 00:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2090		25.0		mg/Kg			09/05/24 00:50	5

Client Sample ID: T-13 (2-3)

Lab Sample ID: 880-47929-86

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 06:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 06:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 06:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:17	09/01/24 06:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 06:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:17	09/01/24 06:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	08/30/24 16:17	09/01/24 06:07	1
1,4-Difluorobenzene (Surr)	114		70 - 130	08/30/24 16:17	09/01/24 06:07	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-13 (2-3)

Lab Sample ID: 880-47929-86

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/01/24 06:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/31/24 00:26	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	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 00:26	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 00:26	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				08/30/24 14:59	08/31/24 00:26	1
o-Terphenyl	89		70 - 130				08/30/24 14:59	08/31/24 00:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		25.1		mg/Kg			09/05/24 00:58	5

Client Sample ID: T-13 (3-4)

Lab Sample ID: 880-47929-87

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 06:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 06:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 06:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:17	09/01/24 06:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 06:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:17	09/01/24 06:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/30/24 16:17	09/01/24 06:27	1
1,4-Difluorobenzene (Surr)	110		70 - 130				08/30/24 16:17	09/01/24 06:27	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			09/01/24 06:27	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			08/31/24 00:40	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		08/30/24 14:59	08/31/24 00:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/31/24 00:40	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-13 (3-4)

Lab Sample ID: 880-47929-87

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/31/24 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				08/30/24 14:59	08/31/24 00:40	1
o-Terphenyl	84		70 - 130				08/30/24 14:59	08/31/24 00:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040	F1	24.9		mg/Kg			09/05/24 01:07	5

Client Sample ID: T-13 (4-5)

Lab Sample ID: 880-47929-88

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 06:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:17	09/01/24 06:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:17	09/01/24 06:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/30/24 16:17	09/01/24 06:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:17	09/01/24 06:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/30/24 16:17	09/01/24 06:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				08/30/24 16:17	09/01/24 06:48	1
1,4-Difluorobenzene (Surr)	109		70 - 130				08/30/24 16:17	09/01/24 06:48	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			09/01/24 06:48	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			08/31/24 00:54	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		08/30/24 14:59	08/31/24 00:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/31/24 00:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/31/24 00:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/30/24 14:59	08/31/24 00:54	1
o-Terphenyl	100		70 - 130				08/30/24 14:59	08/31/24 00:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	951		5.05		mg/Kg			09/05/24 01:31	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-13 (5-6)

Lab Sample ID: 880-47929-89

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 07:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 07:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 07:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/24 16:17	09/01/24 07:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 07:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/24 16:17	09/01/24 07:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				08/30/24 16:17	09/01/24 07:08	1
1,4-Difluorobenzene (Surr)	118		70 - 130				08/30/24 16:17	09/01/24 07:08	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			09/01/24 07:08	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			08/31/24 01:09	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		08/30/24 14:59	08/31/24 01:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:59	08/31/24 01:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:59	08/31/24 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				08/30/24 14:59	08/31/24 01:09	1
o-Terphenyl	79		70 - 130				08/30/24 14:59	08/31/24 01:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	308		5.05		mg/Kg			09/05/24 01:39	1

Client Sample ID: T-14 (0-1)

Lab Sample ID: 880-47929-90

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 07:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 07:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 07:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/24 16:17	09/01/24 07:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/24 16:17	09/01/24 07:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/24 16:17	09/01/24 07:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130				08/30/24 16:17	09/01/24 07:29	1
1,4-Difluorobenzene (Surr)	124		70 - 130				08/30/24 16:17	09/01/24 07:29	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-14 (0-1)

Lab Sample ID: 880-47929-90

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			09/01/24 07:29	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			08/31/24 01:23	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	<49.8	U	49.8		mg/Kg		08/30/24 14:59	08/31/24 01:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:59	08/31/24 01:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:59	08/31/24 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				08/30/24 14:59	08/31/24 01:23	1
o-Terphenyl	84		70 - 130				08/30/24 14:59	08/31/24 01:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	328		5.00		mg/Kg			09/05/24 02:04	1

Client Sample ID: T-14 (1-2)

Lab Sample ID: 880-47929-91

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 09:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:17	09/01/24 09:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:17	09/01/24 09:19	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/30/24 16:17	09/01/24 09:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/24 16:17	09/01/24 09:19	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/30/24 16:17	09/01/24 09:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/30/24 16:17	09/01/24 09:19	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/30/24 16:17	09/01/24 09:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/01/24 09:19	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			08/31/24 01:51	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		08/30/24 14:59	08/31/24 01:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 14:59	08/31/24 01:51	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-14 (1-2)

Lab Sample ID: 880-47929-91

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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)	<49.9	U	49.9		mg/Kg		08/30/24 14:59	08/31/24 01:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/30/24 14:59	08/31/24 01:51	1
o-Terphenyl	89		70 - 130				08/30/24 14:59	08/31/24 01:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	589		5.01		mg/Kg			09/05/24 02:12	1

Client Sample ID: T-14 (2-3)

Lab Sample ID: 880-47929-92

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 09:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 09:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 09:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/24 16:17	09/01/24 09:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 09:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/24 16:17	09/01/24 09:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				08/30/24 16:17	09/01/24 09:39	1
1,4-Difluorobenzene (Surr)	114		70 - 130				08/30/24 16:17	09/01/24 09:39	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			09/01/24 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/31/24 02:05	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	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 02:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 02:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/30/24 14:59	08/31/24 02:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				08/30/24 14:59	08/31/24 02:05	1
o-Terphenyl	92		70 - 130				08/30/24 14:59	08/31/24 02:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	311		4.99		mg/Kg			09/05/24 02:20	1

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Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-14 (3-4)

Lab Sample ID: 880-47929-93

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 10:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 10:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 10:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:17	09/01/24 10:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 10:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:17	09/01/24 10:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/30/24 16:17	09/01/24 10:00	1
1,4-Difluorobenzene (Surr)	109		70 - 130	08/30/24 16:17	09/01/24 10:00	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			09/01/24 10:00	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			08/31/24 02:20	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		08/30/24 14:59	08/31/24 02:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/31/24 02:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/31/24 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	08/30/24 14:59	08/31/24 02:20	1
o-Terphenyl	94		70 - 130	08/30/24 14:59	08/31/24 02:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.8		5.04		mg/Kg			09/05/24 02:28	1

Client Sample ID: T-14 (4-5)

Lab Sample ID: 880-47929-94

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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		08/30/24 16:17	09/01/24 10:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 10:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 10:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/24 16:17	09/01/24 10:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 16:17	09/01/24 10:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 16:17	09/01/24 10:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	08/30/24 16:17	09/01/24 10:20	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/30/24 16:17	09/01/24 10:20	1

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Client Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-14 (4-5)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-94
Matrix: Solid

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			09/01/24 10:20	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			08/31/24 02:34	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		08/30/24 14:59	08/31/24 02:34	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/24 14:59	08/31/24 02:34	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/24 14:59	08/31/24 02:34	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	97		70 - 130				08/30/24 14:59	08/31/24 02:34	1	
o-Terphenyl	106		70 - 130				08/30/24 14:59	08/31/24 02:34	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	51.8		5.02		mg/Kg			09/05/24 02:36	1	

Surrogate Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-47929-1	H-1 (0-1)	112	99
880-47929-1 MS	H-1 (0-1)	106	101
880-47929-1 MSD	H-1 (0-1)	100	100
880-47929-2	H-2 (0-1)	106	99
880-47929-3	H-3 (0-1)	110	100
880-47929-4	H-4 (0-1)	108	99
880-47929-5	H-5 (0-1)	109	101
880-47929-6	H-6 (0-1)	112	100
880-47929-7	H-7 (0-1)	113	100
880-47929-8	H-8 (0-1)	109	99
880-47929-9	H-9 (0-1)	110	99
880-47929-10	T-1 (0-1)	110	99
880-47929-11	T-1 (1-2)	110	99
880-47929-12	T-1 (2-3)	114	99
880-47929-13	T-1 (3-4)	112	99
880-47929-14	T-1 (4-5)	112	99
880-47929-15	T-1 (5-6)	113	99
880-47929-16	T-1 (6-7)	114	99
880-47929-17	T-2 (0-1)	110	99
880-47929-18	T-2 (1-2)	113	99
880-47929-19	T-2 (2-3)	111	97
880-47929-20	T-2 (3-4)	113	99
880-47929-21	T-2 (4-5)	93	100
880-47929-21 MS	T-2 (4-5)	94	112
880-47929-21 MSD	T-2 (4-5)	106	106
880-47929-22	T-2 (5-6)	112	117
880-47929-23	T-3 (0-1)	117	115
880-47929-24	T-3 (1-2)	122	118
880-47929-25	T-3 (2-3)	124	115
880-47929-26	T-3 (3-4)	117	109
880-47929-27	T-3 (4-5)	124	114
880-47929-28	T-3 (5-6)	121	102
880-47929-29	T-4 (0-1)	122	114
880-47929-30	T-4 (1-2)	113	112
880-47929-31	T-4 (2-3)	96	100
880-47929-32	T-4 (3-4)	114	115
880-47929-33	T-4 (4-5)	105	110
880-47929-34	T-4 (5-6)	117	112
880-47929-35	T-4 (6-7)	126	113
880-47929-36	T-5 (0-1)	119	112
880-47929-37	T-5 (1-2)	110	114
880-47929-38	T-5 (2-3)	115	120
880-47929-39	T-5 (3-4)	111	108
880-47929-40	T-5 (4-5)	124	113
880-47929-41	T-5 (5-6)	111	98
880-47929-41 MS	T-5 (5-6)	98	103
880-47929-41 MSD	T-5 (5-6)	101	100
880-47929-42	T-6 (0-1)	112	100
880-47929-43	T-6 (1-2)	116	99

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Surrogate Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-47929-44	T-6 (2-3)	115	100				
880-47929-45	T-6 (3-4)	110	98				
880-47929-46	T-6 (4-5)	115	102				
880-47929-47	T-6 (5-6)	116	98				
880-47929-48	T-7 (0-1)	115	101				
880-47929-49	T-7 (1-2)	114	99				
880-47929-50	T-7 (2-3)	117	100				
880-47929-51	T-7 (3-4)	113	99				
880-47929-52	T-7 (4-5)	115	101				
880-47929-53	T-7 (5-6)	117	100				
880-47929-54	T-8 (0-1)	113	98				
880-47929-55	T-8 (1-2)	114	101				
880-47929-56	T-8 (2-3)	118	100				
880-47929-57	T-8 (3-4)	118	98				
880-47929-58	T-8 (4-5)	114	100				
880-47929-59	T-8 (5-6)	115	99				
880-47929-60	T-9 (0-1)	134 S1+	100				
880-47929-61	T-9 (1-2)	113	101				
880-47929-61 MS	T-9 (1-2)	101	104				
880-47929-61 MSD	T-9 (1-2)	100	104				
880-47929-62	T-9 (2-3)	111	99				
880-47929-63	T-9 (3-4)	116	99				
880-47929-64	T-9 (4-5)	109	101				
880-47929-65	T-9 (5-6)	112	95				
880-47929-66	T-10 (0-1)	115	101				
880-47929-67	T-10 (1-2)	113	99				
880-47929-68	T-10 (2-3)	111	99				
880-47929-69	T-10 (3-4)	115	99				
880-47929-70	T-10 (4-5)	117	100				
880-47929-71	T-10 (5-6)	109	98				
880-47929-72	T-11 (0-1)	114	98				
880-47929-73	T-11 (1-2)	111	99				
880-47929-74	T-11 (2-3)	108	99				
880-47929-75	T-11 (3-4)	110	99				
880-47929-76	T-11 (4-5)	117	99				
880-47929-77	T-11 (5-6)	112	100				
880-47929-78	T-12 (0-1)	112	101				
880-47929-79	T-12 (1-2)	113	102				
880-47929-80	T-12 (2-3)	113	97				
880-47929-81	T-12 (3-4)	100	108				
880-47929-81 MS	T-12 (3-4)	96	93				
880-47929-81 MSD	T-12 (3-4)	104	97				
880-47929-82	T-12 (4-5)	108	113				
880-47929-83	T-12 (5-6)	122	117				
880-47929-84	T-13 (0-1)	126	116				
880-47929-85	T-13 (1-2)	125	115				
880-47929-86	T-13 (2-3)	122	114				
880-47929-87	T-13 (3-4)	113	110				
880-47929-88	T-13 (4-5)	129	109				
880-47929-89	T-13 (5-6)	119	118				

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Surrogate Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-47929-90	T-14 (0-1)	154 S1+	124
880-47929-91	T-14 (1-2)	94	104
880-47929-92	T-14 (2-3)	120	114
880-47929-93	T-14 (3-4)	112	109
880-47929-94	T-14 (4-5)	121	119
LCS 880-89869/1-A	Lab Control Sample	103	101
LCS 880-89870/1-A	Lab Control Sample	97	96
LCS 880-89871/1-A	Lab Control Sample	95	111
LCS 880-89873/1-A	Lab Control Sample	104	106
LCS 880-89874/1-A	Lab Control Sample	103	107
LCSD 880-89869/2-A	Lab Control Sample Dup	99	100
LCSD 880-89870/2-A	Lab Control Sample Dup	102	98
LCSD 880-89871/2-A	Lab Control Sample Dup	96	107
LCSD 880-89873/2-A	Lab Control Sample Dup	106	107
LCSD 880-89874/2-A	Lab Control Sample Dup	108	106
MB 880-89869/5-A	Method Blank	105	96
MB 880-89870/5-A	Method Blank	163 S1+	114
MB 880-89871/5-A	Method Blank	101	90
MB 880-89873/5-A	Method Blank	106	92
MB 880-89874/5-A	Method Blank	150 S1+	113

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)
880-47929-1	H-1 (0-1)	122	109
880-47929-1 MS	H-1 (0-1)	133 S1+	106
880-47929-1 MSD	H-1 (0-1)	112	109
880-47929-2	H-2 (0-1)	107	97
880-47929-3	H-3 (0-1)	103	92
880-47929-4	H-4 (0-1)	102	95
880-47929-5	H-5 (0-1)	111	103
880-47929-6	H-6 (0-1)	101	96
880-47929-7	H-7 (0-1)	108	95
880-47929-8	H-8 (0-1)	119	111
880-47929-9	H-9 (0-1)	107	95
880-47929-10	T-1 (0-1)	102	93
880-47929-11	T-1 (1-2)	95	98
880-47929-12	T-1 (2-3)	110	99
880-47929-13	T-1 (3-4)	103	94
880-47929-14	T-1 (4-5)	100	93
880-47929-15	T-1 (5-6)	112	105
880-47929-16	T-1 (6-7)	104	98
880-47929-17	T-2 (0-1)	108	100
880-47929-18	T-2 (1-2)	99	93

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Surrogate Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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)				
880-47929-19	T-2 (2-3)	111	104				
880-47929-20	T-2 (3-4)	96	97				
880-47929-21	T-2 (4-5)	114	104				
880-47929-21 MS	T-2 (4-5)	100	103				
880-47929-21 MSD	T-2 (4-5)	100	101				
880-47929-22	T-2 (5-6)	105	98				
880-47929-23	T-3 (0-1)	102	96				
880-47929-24	T-3 (1-2)	99	95				
880-47929-25	T-3 (2-3)	105	102				
880-47929-26	T-3 (3-4)	102	96				
880-47929-27	T-3 (4-5)	104	96				
880-47929-28	T-3 (5-6)	98	102				
880-47929-29	T-4 (0-1)	94	84				
880-47929-30	T-4 (1-2)	101	97				
880-47929-31	T-4 (2-3)	93	89				
880-47929-32	T-4 (3-4)	103	95				
880-47929-33	T-4 (4-5)	97	91				
880-47929-34	T-4 (5-6)	110	102				
880-47929-35	T-4 (6-7)	112	103				
880-47929-36	T-5 (0-1)	104	98				
880-47929-37	T-5 (1-2)	110	106				
880-47929-38	T-5 (2-3)	97	95				
880-47929-39	T-5 (3-4)	102	92				
880-47929-40	T-5 (4-5)	99	92				
880-47929-41	T-5 (5-6)	136 S1+	139 S1+				
880-47929-41 MS	T-5 (5-6)	160 S1+	146 S1+				
880-47929-41 MSD	T-5 (5-6)	136 S1+	151 S1+				
880-47929-42	T-6 (0-1)	109	118				
880-47929-43	T-6 (1-2)	111	120				
880-47929-44	T-6 (2-3)	114	124				
880-47929-45	T-6 (3-4)	133 S1+	141 S1+				
880-47929-46	T-6 (4-5)	121	129				
880-47929-47	T-6 (5-6)	130	135 S1+				
880-47929-48	T-7 (0-1)	134 S1+	144 S1+				
880-47929-49	T-7 (1-2)	119	132 S1+				
880-47929-50	T-7 (2-3)	116	133 S1+				
880-47929-51	T-7 (3-4)	123	127				
880-47929-52	T-7 (4-5)	131 S1+	133 S1+				
880-47929-53	T-7 (5-6)	109	116				
880-47929-54	T-8 (0-1)	112	118				
880-47929-55	T-8 (1-2)	116	125				
880-47929-56	T-8 (2-3)	136 S1+	152 S1+				
880-47929-57	T-8 (3-4)	118	131 S1+				
880-47929-58	T-8 (4-5)	126	132 S1+				
880-47929-59	T-8 (5-6)	123	134 S1+				
880-47929-60	T-9 (0-1)	141 S1+	145 S1+				
880-47929-61	T-9 (1-2)	123	126				
880-47929-61 MS	T-9 (1-2)	126	144 S1+				
880-47929-61 MSD	T-9 (1-2)	127	141 S1+				
880-47929-62	T-9 (2-3)	152 S1+	156 S1+				

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Surrogate Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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)
880-47929-63	T-9 (3-4)	139 S1+	142 S1+
880-47929-64	T-9 (4-5)	126	129
880-47929-65	T-9 (5-6)	140 S1+	143 S1+
880-47929-66	T-10 (0-1)	143 S1+	145 S1+
880-47929-67	T-10 (1-2)	137 S1+	140 S1+
880-47929-68	T-10 (2-3)	143 S1+	146 S1+
880-47929-69	T-10 (3-4)	146 S1+	149 S1+
880-47929-70	T-10 (4-5)	136 S1+	139 S1+
880-47929-71	T-10 (5-6)	142 S1+	143 S1+
880-47929-72	T-11 (0-1)	128	132 S1+
880-47929-73	T-11 (1-2)	113	118
880-47929-74	T-11 (2-3)	135 S1+	138 S1+
880-47929-75	T-11 (3-4)	114	116
880-47929-76	T-11 (4-5)	116	119
880-47929-77	T-11 (5-6)	119	122
880-47929-78	T-12 (0-1)	119	122
880-47929-79	T-12 (1-2)	122	123
880-47929-80	T-12 (2-3)	120	121
880-47929-81	T-12 (3-4)	75	83
880-47929-81 MS	T-12 (3-4)	90	90
880-47929-81 MSD	T-12 (3-4)	90	89
880-47929-82	T-12 (4-5)	88	98
880-47929-83	T-12 (5-6)	109	117
880-47929-84	T-13 (0-1)	73	81
880-47929-85	T-13 (1-2)	75	83
880-47929-86	T-13 (2-3)	80	89
880-47929-87	T-13 (3-4)	76	84
880-47929-88	T-13 (4-5)	91	100
880-47929-89	T-13 (5-6)	72	79
880-47929-90	T-14 (0-1)	77	84
880-47929-91	T-14 (1-2)	82	89
880-47929-92	T-14 (2-3)	84	92
880-47929-93	T-14 (3-4)	86	94
880-47929-94	T-14 (4-5)	97	106
LCS 880-89840/2-A	Lab Control Sample	97	99
LCS 880-89842/2-A	Lab Control Sample	117	113
LCS 880-89844/2-A	Lab Control Sample	124	137 S1+
LCS 880-89845/2-A	Lab Control Sample	111	123
LCS 880-89846/2-A	Lab Control Sample	88	95
LCSD 880-89840/3-A	Lab Control Sample Dup	97	100
LCSD 880-89842/3-A	Lab Control Sample Dup	101	124
LCSD 880-89844/3-A	Lab Control Sample Dup	121	134 S1+
LCSD 880-89845/3-A	Lab Control Sample Dup	126	139 S1+
LCSD 880-89846/3-A	Lab Control Sample Dup	83	91
MB 880-89840/1-A	Method Blank	87	79
MB 880-89842/1-A	Method Blank	102	92
MB 880-89844/1-A	Method Blank	109	109
MB 880-89845/1-A	Method Blank	155 S1+	157 S1+
MB 880-89846/1-A	Method Blank	100	112

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Surrogate Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-89869/5-A

Matrix: Solid

Analysis Batch: 89977

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89869

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 16:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 16:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 16:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/24 16:04	09/03/24 16:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:04	09/03/24 16:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 16:04	09/03/24 16:33	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	105		70 - 130	08/30/24 16:04	09/03/24 16:33	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/30/24 16:04	09/03/24 16:33	1

Lab Sample ID: LCS 880-89869/1-A

Matrix: Solid

Analysis Batch: 89977

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89869

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1013		mg/Kg		101	70 - 130
Toluene	0.100	0.09854		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2019		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09997		mg/Kg		100	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-89869/2-A

Matrix: Solid

Analysis Batch: 89977

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89869

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.1008		mg/Kg		101	70 - 130	1	35
Toluene	0.100	0.09847		mg/Kg		98	70 - 130	0	35
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2019		mg/Kg		101	70 - 130	0	35
o-Xylene	0.100	0.09984		mg/Kg		100	70 - 130	0	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-47929-1 MS

Matrix: Solid

Analysis Batch: 89977

Client Sample ID: H-1 (0-1)

Prep Type: Total/NA

Prep Batch: 89869

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00201	U	0.100	0.07307		mg/Kg		73	70 - 130
Toluene	<0.00201	U F1	0.100	0.06111	F1	mg/Kg		61	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-47929-1 MS

Matrix: Solid

Analysis Batch: 89977

Client Sample ID: H-1 (0-1)

Prep Type: Total/NA

Prep Batch: 89869

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	
Ethylbenzene	<0.00201	U F1	0.100	0.05190	F1	mg/Kg		52	70 - 130	
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1025	F1	mg/Kg		51	70 - 130	
o-Xylene	<0.00201	U F1	0.100	0.05489	F1	mg/Kg		55	70 - 130	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-47929-1 MSD

Matrix: Solid

Analysis Batch: 89977

Client Sample ID: H-1 (0-1)

Prep Type: Total/NA

Prep Batch: 89869

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier		Result	Qualifier				Limits		RPD	Limit
Benzene	<0.00201	U	0.100	0.07742		mg/Kg		77	70 - 130		6	35
Toluene	<0.00201	U F1	0.100	0.06112	F1	mg/Kg		61	70 - 130		0	35
Ethylbenzene	<0.00201	U F1	0.100	0.04800	F1	mg/Kg		48	70 - 130		8	35
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.09413	F1	mg/Kg		47	70 - 130		8	35
o-Xylene	<0.00201	U F1	0.100	0.05124	F1	mg/Kg		51	70 - 130		7	35

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

Lab Sample ID: MB 880-89870/5-A

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89870

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 16:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 16:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 16:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/24 16:08	08/31/24 16:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:08	08/31/24 16:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 16:08	08/31/24 16:19	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	08/30/24 16:08	08/31/24 16:19	1
1,4-Difluorobenzene (Surr)	114		70 - 130	08/30/24 16:08	08/31/24 16:19	1

Lab Sample ID: LCS 880-89870/1-A

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89870

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
							Limits	
Benzene	0.100	0.08179		mg/Kg		82	70 - 130	
Toluene	0.100	0.08549		mg/Kg		85	70 - 130	
Ethylbenzene	0.100	0.08952		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene	0.200	0.1751		mg/Kg		88	70 - 130	

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-89870/1-A

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89870

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08918		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-89870/2-A

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89870

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08620		mg/Kg		86	70 - 130	5	35
Toluene	0.100	0.09214		mg/Kg		92	70 - 130	7	35
Ethylbenzene	0.100	0.1005		mg/Kg		101	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1947		mg/Kg		97	70 - 130	11	35
o-Xylene	0.100	0.09749		mg/Kg		97	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-47929-21 MS

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: T-2 (4-5)

Prep Type: Total/NA

Prep Batch: 89870

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09436		mg/Kg		94	70 - 130
Toluene	<0.00201	U	0.100	0.08584		mg/Kg		86	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.07139		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1512		mg/Kg		76	70 - 130
o-Xylene	<0.00201	U	0.100	0.08636		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-47929-21 MSD

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: T-2 (4-5)

Prep Type: Total/NA

Prep Batch: 89870

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08175		mg/Kg		82	70 - 130	14	35
Toluene	<0.00201	U	0.100	0.08216		mg/Kg		82	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.100	0.08140		mg/Kg		81	70 - 130	13	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1821		mg/Kg		91	70 - 130	19	35
o-Xylene	<0.00201	U	0.100	0.09354		mg/Kg		94	70 - 130	8	35

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-47929-21 MSD

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: T-2 (4-5)

Prep Type: Total/NA

Prep Batch: 89870

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-89871/5-A

Matrix: Solid

Analysis Batch: 89889

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89871

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 15:44	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 15:44	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 15:44	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/24 16:11	08/31/24 15:44	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:11	08/31/24 15:44	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 16:11	08/31/24 15:44	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/30/24 16:11	08/31/24 15:44	1	
1,4-Difluorobenzene (Surr)	90		70 - 130				08/30/24 16:11	08/31/24 15:44	1	

Lab Sample ID: LCS 880-89871/1-A

Matrix: Solid

Analysis Batch: 89889

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89871

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1182		mg/Kg		118	70 - 130			
Toluene	0.100	0.1090		mg/Kg		109	70 - 130			
Ethylbenzene	0.100	0.1120		mg/Kg		112	70 - 130			
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130			
o-Xylene	0.100	0.1129		mg/Kg		113	70 - 130			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-89871/2-A

Matrix: Solid

Analysis Batch: 89889

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89871

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1158		mg/Kg		116	70 - 130	2	35	
Toluene	0.100	0.1062		mg/Kg		106	70 - 130	3	35	
Ethylbenzene	0.100	0.1087		mg/Kg		109	70 - 130	3	35	
m-Xylene & p-Xylene	0.200	0.2193		mg/Kg		110	70 - 130	2	35	
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130	2	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: LCSD 880-89871/2-A

Matrix: Solid

Analysis Batch: 89889

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89871

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-47929-41 MS

Matrix: Solid

Analysis Batch: 89889

Client Sample ID: T-5 (5-6)

Prep Type: Total/NA

Prep Batch: 89871

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0996	0.1018		mg/Kg		102	70 - 130	
Toluene	<0.00200	U	0.0996	0.09363		mg/Kg		94	70 - 130	
Ethylbenzene	<0.00200	U	0.0996	0.09667		mg/Kg		97	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1939		mg/Kg		97	70 - 130	
o-Xylene	<0.00200	U	0.0996	0.09803		mg/Kg		98	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-47929-41 MSD

Matrix: Solid

Analysis Batch: 89889

Client Sample ID: T-5 (5-6)

Prep Type: Total/NA

Prep Batch: 89871

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.0990	0.09968		mg/Kg		101	70 - 130	2	35	
Toluene	<0.00200	U	0.0990	0.09237		mg/Kg		93	70 - 130	1	35	
Ethylbenzene	<0.00200	U	0.0990	0.09526		mg/Kg		96	70 - 130	1	35	
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1922		mg/Kg		97	70 - 130	1	35	
o-Xylene	<0.00200	U	0.0990	0.09749		mg/Kg		98	70 - 130	1	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-89873/5-A

Matrix: Solid

Analysis Batch: 89904

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89873

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 11:59	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 11:59	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 11:59	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/24 16:15	09/03/24 11:59	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:15	09/03/24 11:59	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 16:15	09/03/24 11:59	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	106		70 - 130	08/30/24 16:15	09/03/24 11:59	1				
1,4-Difluorobenzene (Surr)	92		70 - 130	08/30/24 16:15	09/03/24 11:59	1				

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-89873/1-A

Matrix: Solid

Analysis Batch: 89904

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1192		mg/Kg		119	70 - 130
Toluene	0.100	0.1131		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1171		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	0.200	0.2388		mg/Kg		119	70 - 130
o-Xylene	0.100	0.1209		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-89873/2-A

Matrix: Solid

Analysis Batch: 89904

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89873

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1246		mg/Kg		125	70 - 130	4	35
Toluene	0.100	0.1196		mg/Kg		120	70 - 130	6	35
Ethylbenzene	0.100	0.1245		mg/Kg		125	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2544		mg/Kg		127	70 - 130	6	35
o-Xylene	0.100	0.1279		mg/Kg		128	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-47929-61 MS

Matrix: Solid

Analysis Batch: 89904

Client Sample ID: T-9 (1-2)

Prep Type: Total/NA

Prep Batch: 89873

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.1165		mg/Kg		117	70 - 130
Toluene	<0.00200	U	0.0996	0.1068		mg/Kg		107	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.1065		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.2159		mg/Kg		108	70 - 130
o-Xylene	<0.00200	U	0.0996	0.1092		mg/Kg		110	70 - 130

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

Lab Sample ID: 880-47929-61 MSD

Matrix: Solid

Analysis Batch: 89904

Client Sample ID: T-9 (1-2)

Prep Type: Total/NA

Prep Batch: 89873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1141		mg/Kg		115	70 - 130	2	35
Toluene	<0.00200	U	0.0990	0.1037		mg/Kg		105	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0990	0.1023		mg/Kg		103	70 - 130	4	35

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-47929-61 MSD

Matrix: Solid

Analysis Batch: 89904

Client Sample ID: T-9 (1-2)

Prep Type: Total/NA

Prep Batch: 89873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2071		mg/Kg		105	70 - 130	4	35
o-Xylene	<0.00200	U	0.0990	0.1052		mg/Kg		106	70 - 130	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	104		70 - 130								

Lab Sample ID: MB 880-89874/5-A

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 03:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 03:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 03:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/24 16:17	09/01/24 03:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 16:17	09/01/24 03:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 16:17	09/01/24 03:56	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				08/30/24 16:17	09/01/24 03:56	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/30/24 16:17	09/01/24 03:56	1

Lab Sample ID: LCS 880-89874/1-A

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89874

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09013		mg/Kg		90	70 - 130
Toluene	0.100	0.08667		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08812		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1826		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09389		mg/Kg		94	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	103		70 - 130				
1,4-Difluorobenzene (Surr)	107		70 - 130				

Lab Sample ID: LCSD 880-89874/2-A

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89874

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08921		mg/Kg		89	70 - 130	1	35
Toluene	0.100	0.08631		mg/Kg		86	70 - 130	0	35
Ethylbenzene	0.100	0.08459		mg/Kg		85	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1798		mg/Kg		90	70 - 130	2	35
o-Xylene	0.100	0.09543		mg/Kg		95	70 - 130	2	35

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-47929-81 MS

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: T-12 (3-4)

Prep Type: Total/NA

Prep Batch: 89874

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.07363		mg/Kg		74	70 - 130
Toluene	<0.00200	U	0.0996	0.07902		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.07058		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1454		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.0996	0.07737		mg/Kg		78	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-47929-81 MSD

Matrix: Solid

Analysis Batch: 89892

Client Sample ID: T-12 (3-4)

Prep Type: Total/NA

Prep Batch: 89874

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0990	0.07318		mg/Kg		74	70 - 130	1	35
Toluene	<0.00200	U	0.0990	0.07648		mg/Kg		77	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0990	0.07301		mg/Kg		74	70 - 130	3	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1423		mg/Kg		72	70 - 130	2	35
o-Xylene	<0.00200	U	0.0990	0.07414		mg/Kg		75	70 - 130	4	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-89840/1-A

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89840

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		08/30/24 14:45	09/03/24 20:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/03/24 20:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:45	09/03/24 20:39	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	87		70 - 130	08/30/24 14:45	09/03/24 20:39	1			
o-Terphenyl	79		70 - 130	08/30/24 14:45	09/03/24 20:39	1			

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-89840/2-A

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89840

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1068		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	937.7		mg/Kg		94	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	97		70 - 130				
o-Terphenyl	99		70 - 130				

Lab Sample ID: LCSD 880-89840/3-A

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89840

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1073		mg/Kg		107	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	959.6		mg/Kg		96	70 - 130	2	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 880-47929-1 MS

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: H-1 (0-1)

Prep Type: Total/NA

Prep Batch: 89840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	1089		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	995	903.5		mg/Kg		91	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 880-47929-1 MSD

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: H-1 (0-1)

Prep Type: Total/NA

Prep Batch: 89840

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	<49.9	U	995	1128		mg/Kg		113	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	995	993.8		mg/Kg		100	70 - 130	10	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	112		70 - 130								

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-47929-1 MSD

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: H-1 (0-1)

Prep Type: Total/NA

Prep Batch: 89840

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	109		70 - 130

Lab Sample ID: MB 880-89842/1-A

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89842

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		08/30/24 14:47	09/04/24 04:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:47	09/04/24 04:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:47	09/04/24 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/30/24 14:47	09/04/24 04:21	1
<i>o</i> -Terphenyl	92		70 - 130				08/30/24 14:47	09/04/24 04:21	1

Lab Sample ID: LCS 880-89842/2-A

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1077		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1129		mg/Kg		113	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	117		70 - 130				
<i>o</i> -Terphenyl	113		70 - 130				

Lab Sample ID: LCSD 880-89842/3-A

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89842

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1132		mg/Kg		113	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1324	*+	mg/Kg		132	70 - 130	16	20
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	101		70 - 130						
<i>o</i> -Terphenyl	124		70 - 130						

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-47929-21 MS

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: T-2 (4-5)

Prep Type: Total/NA

Prep Batch: 89842

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1036		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *	996	895.1		mg/Kg		88	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	100		70 - 130						
o-Terphenyl	103		70 - 130						

Lab Sample ID: 880-47929-21 MSD

Matrix: Solid

Analysis Batch: 89928

Client Sample ID: T-2 (4-5)

Prep Type: Total/NA

Prep Batch: 89842

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	<49.9	U	996	1033		mg/Kg		104	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U *	996	892.4		mg/Kg		88	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	101		70 - 130								

Lab Sample ID: MB 880-89844/1-A

Matrix: Solid

Analysis Batch: 89930

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89844

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		08/30/24 14:50	09/03/24 20:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/03/24 20:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:50	09/03/24 20:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/30/24 14:50	09/03/24 20:39	1
o-Terphenyl	109		70 - 130				08/30/24 14:50	09/03/24 20:39	1

Lab Sample ID: LCS 880-89844/2-A

Matrix: Solid

Analysis Batch: 89930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1052		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-89844/2-A
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89844

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	137	S1+	70 - 130

Lab Sample ID: LCSD 880-89844/3-A
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89844

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1030		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1029		mg/Kg		103	70 - 130	3	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	121										
o-Terphenyl	134	S1+									

Lab Sample ID: 880-47929-41 MS
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: T-5 (5-6)
Prep Type: Total/NA
Prep Batch: 89844

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	997	1178		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	997	1120		mg/Kg		112	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	160	S1+									
o-Terphenyl	146	S1+									

Lab Sample ID: 880-47929-41 MSD
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: T-5 (5-6)
Prep Type: Total/NA
Prep Batch: 89844

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	<49.7	U	997	1240		mg/Kg		124	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.7	U	997	1237		mg/Kg		124	70 - 130	10	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	136	S1+									
o-Terphenyl	151	S1+									

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-89845/1-A

Matrix: Solid

Analysis Batch: 89930

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89845

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		08/30/24 14:56	09/04/24 04:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 04:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:56	09/04/24 04:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130	08/30/24 14:56	09/04/24 04:21	1
o-Terphenyl	157	S1+	70 - 130	08/30/24 14:56	09/04/24 04:21	1

Lab Sample ID: LCS 880-89845/2-A

Matrix: Solid

Analysis Batch: 89930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	926.4		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	921.0		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: LCSD 880-89845/3-A

Matrix: Solid

Analysis Batch: 89930

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89845

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1066		mg/Kg		107	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	1039		mg/Kg		104	70 - 130	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	126		70 - 130
o-Terphenyl	139	S1+	70 - 130

Lab Sample ID: 880-47929-61 MS

Matrix: Solid

Analysis Batch: 89930

Client Sample ID: T-9 (1-2)

Prep Type: Total/NA

Prep Batch: 89845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1082		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1108		mg/Kg		111	70 - 130

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QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-47929-61 MS

Matrix: Solid

Analysis Batch: 89930

Client Sample ID: T-9 (1-2)

Prep Type: Total/NA

Prep Batch: 89845

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	126		70 - 130
o-Terphenyl	144	S1+	70 - 130

Lab Sample ID: 880-47929-61 MSD

Matrix: Solid

Analysis Batch: 89930

Client Sample ID: T-9 (1-2)

Prep Type: Total/NA

Prep Batch: 89845

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	<49.9	U	996	1092		mg/Kg		110	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1091		mg/Kg		110	70 - 130	2	20
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	127		70 - 130								
o-Terphenyl	141	S1+	70 - 130								

Lab Sample ID: MB 880-89846/1-A

Matrix: Solid

Analysis Batch: 89474

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89846

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		08/30/24 14:59	08/30/24 22:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/30/24 22:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 14:59	08/30/24 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/30/24 14:59	08/30/24 22:02	1
o-Terphenyl	112		70 - 130				08/30/24 14:59	08/30/24 22:02	1

Lab Sample ID: LCS 880-89846/2-A

Matrix: Solid

Analysis Batch: 89474

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	854.3		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	939.0		mg/Kg		94	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	88		70 - 130				
o-Terphenyl	95		70 - 130				

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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

Lab Sample ID: LCSD 880-89846/3-A

Matrix: Solid

Analysis Batch: 89474

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89846

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	831.7		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	923.2		mg/Kg		92	70 - 130	2	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate									
1-Chlorooctane		83							
o-Terphenyl		91							

Lab Sample ID: 880-47929-81 MS

Matrix: Solid

Analysis Batch: 89474

Client Sample ID: T-12 (3-4)

Prep Type: Total/NA

Prep Batch: 89846

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	822.7		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	994	812.7		mg/Kg		82	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate											
1-Chlorooctane		90									
o-Terphenyl		90									

Lab Sample ID: 880-47929-81 MSD

Matrix: Solid

Analysis Batch: 89474

Client Sample ID: T-12 (3-4)

Prep Type: Total/NA

Prep Batch: 89846

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	<50.0	U	994	817.7		mg/Kg		82	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	994	797.8		mg/Kg		80	70 - 130	2	20
		MSD %Recovery	MSD Qualifier								
Surrogate											
1-Chlorooctane		90									
o-Terphenyl		89									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-89848/1-A

Matrix: Solid

Analysis Batch: 89872

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/03/24 09:16	1

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-89848/2-A
Matrix: Solid
Analysis Batch: 89872

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-89848/3-A
Matrix: Solid
Analysis Batch: 89872

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	243.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-47929-7 MS
Matrix: Solid
Analysis Batch: 89872

Client Sample ID: H-7 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	190		251	433.3		mg/Kg		97	90 - 110

Lab Sample ID: 880-47929-7 MSD
Matrix: Solid
Analysis Batch: 89872

Client Sample ID: H-7 (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	190		251	433.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-89849/1-A
Matrix: Solid
Analysis Batch: 89907

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/05/24 11:31	1

Lab Sample ID: LCS 880-89849/2-A
Matrix: Solid
Analysis Batch: 89907

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.2		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-89849/3-A
Matrix: Solid
Analysis Batch: 89907

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	256.8		mg/Kg		103	90 - 110	3	20

Lab Sample ID: 880-47929-17 MS
Matrix: Solid
Analysis Batch: 89907

Client Sample ID: T-2 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	74.8		252	324.7		mg/Kg		99	90 - 110

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-47929-17 MSD

Matrix: Solid

Analysis Batch: 89907

Client Sample ID: T-2 (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	74.8		252	331.0		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 880-47929-27 MS

Matrix: Solid

Analysis Batch: 89907

Client Sample ID: T-3 (4-5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1530	F1	1250	3153	F1	mg/Kg		131	90 - 110		

Lab Sample ID: 880-47929-27 MSD

Matrix: Solid

Analysis Batch: 89907

Client Sample ID: T-3 (4-5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1530	F1	1250	3249	F1	mg/Kg		138	90 - 110	3	20

Lab Sample ID: MB 880-89850/1-A

Matrix: Solid

Analysis Batch: 89915

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/04/24 04:16	1

Lab Sample ID: LCS 880-89850/2-A

Matrix: Solid

Analysis Batch: 89915

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	246.9		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-89850/3-A

Matrix: Solid

Analysis Batch: 89915

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	244.5		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-47929-37 MS

Matrix: Solid

Analysis Batch: 89915

Client Sample ID: T-5 (1-2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	423	F1	250	642.8	F1	mg/Kg		88	90 - 110		

Lab Sample ID: 880-47929-37 MSD

Matrix: Solid

Analysis Batch: 89915

Client Sample ID: T-5 (1-2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	423	F1	250	645.3	F1	mg/Kg		89	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-47929-47 MS

Matrix: Solid

Analysis Batch: 89915

Client Sample ID: T-6 (5-6)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1010	F1	1260	2398	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-47929-47 MSD

Matrix: Solid

Analysis Batch: 89915

Client Sample ID: T-6 (5-6)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1010	F1	1260	2403	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: MB 880-89851/1-A

Matrix: Solid

Analysis Batch: 89919

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/04/24 01:05	1

Lab Sample ID: LCS 880-89851/2-A

Matrix: Solid

Analysis Batch: 89919

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.9		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-89851/3-A

Matrix: Solid

Analysis Batch: 89919

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	248.4		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-47929-57 MS

Matrix: Solid

Analysis Batch: 89919

Client Sample ID: T-8 (3-4)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	390	F1	251	618.8		mg/Kg		91	90 - 110

Lab Sample ID: 880-47929-57 MSD

Matrix: Solid

Analysis Batch: 89919

Client Sample ID: T-8 (3-4)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	390	F1	251	607.8	F1	mg/Kg		87	90 - 110	2	20

Lab Sample ID: 880-47929-67 MS

Matrix: Solid

Analysis Batch: 89919

Client Sample ID: T-10 (1-2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	441		251	669.7		mg/Kg		91	90 - 110

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-47929-67 MSD

Matrix: Solid

Analysis Batch: 89919

Client Sample ID: T-10 (1-2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	441		251	675.1		mg/Kg		93	90 - 110	1	20

Lab Sample ID: MB 880-89853/1-A

Matrix: Solid

Analysis Batch: 89952

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/04/24 22:48	1

Lab Sample ID: LCS 880-89853/2-A

Matrix: Solid

Analysis Batch: 89952

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.9		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-89853/3-A

Matrix: Solid

Analysis Batch: 89952

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	244.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-47929-77 MS

Matrix: Solid

Analysis Batch: 89952

Client Sample ID: T-11 (5-6)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1000		1250	2268		mg/Kg		101	90 - 110

Lab Sample ID: 880-47929-77 MSD

Matrix: Solid

Analysis Batch: 89952

Client Sample ID: T-11 (5-6)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1000		1250	2268		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-47929-87 MS

Matrix: Solid

Analysis Batch: 89952

Client Sample ID: T-13 (3-4)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1040	F1	1250	2420	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-47929-87 MSD

Matrix: Solid

Analysis Batch: 89952

Client Sample ID: T-13 (3-4)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1040	F1	1250	2423	F1	mg/Kg		111	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC VOA

Prep Batch: 89869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1	H-1 (0-1)	Total/NA	Solid	5035	
880-47929-2	H-2 (0-1)	Total/NA	Solid	5035	
880-47929-3	H-3 (0-1)	Total/NA	Solid	5035	
880-47929-4	H-4 (0-1)	Total/NA	Solid	5035	
880-47929-5	H-5 (0-1)	Total/NA	Solid	5035	
880-47929-6	H-6 (0-1)	Total/NA	Solid	5035	
880-47929-7	H-7 (0-1)	Total/NA	Solid	5035	
880-47929-8	H-8 (0-1)	Total/NA	Solid	5035	
880-47929-9	H-9 (0-1)	Total/NA	Solid	5035	
880-47929-10	T-1 (0-1)	Total/NA	Solid	5035	
880-47929-11	T-1 (1-2)	Total/NA	Solid	5035	
880-47929-12	T-1 (2-3)	Total/NA	Solid	5035	
880-47929-13	T-1 (3-4)	Total/NA	Solid	5035	
880-47929-14	T-1 (4-5)	Total/NA	Solid	5035	
880-47929-15	T-1 (5-6)	Total/NA	Solid	5035	
880-47929-16	T-1 (6-7)	Total/NA	Solid	5035	
880-47929-17	T-2 (0-1)	Total/NA	Solid	5035	
880-47929-18	T-2 (1-2)	Total/NA	Solid	5035	
880-47929-19	T-2 (2-3)	Total/NA	Solid	5035	
880-47929-20	T-2 (3-4)	Total/NA	Solid	5035	
MB 880-89869/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89869/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89869/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47929-1 MS	H-1 (0-1)	Total/NA	Solid	5035	
880-47929-1 MSD	H-1 (0-1)	Total/NA	Solid	5035	

Prep Batch: 89870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-21	T-2 (4-5)	Total/NA	Solid	5035	
880-47929-22	T-2 (5-6)	Total/NA	Solid	5035	
880-47929-23	T-3 (0-1)	Total/NA	Solid	5035	
880-47929-24	T-3 (1-2)	Total/NA	Solid	5035	
880-47929-25	T-3 (2-3)	Total/NA	Solid	5035	
880-47929-26	T-3 (3-4)	Total/NA	Solid	5035	
880-47929-27	T-3 (4-5)	Total/NA	Solid	5035	
880-47929-28	T-3 (5-6)	Total/NA	Solid	5035	
880-47929-29	T-4 (0-1)	Total/NA	Solid	5035	
880-47929-30	T-4 (1-2)	Total/NA	Solid	5035	
880-47929-31	T-4 (2-3)	Total/NA	Solid	5035	
880-47929-32	T-4 (3-4)	Total/NA	Solid	5035	
880-47929-33	T-4 (4-5)	Total/NA	Solid	5035	
880-47929-34	T-4 (5-6)	Total/NA	Solid	5035	
880-47929-35	T-4 (6-7)	Total/NA	Solid	5035	
880-47929-36	T-5 (0-1)	Total/NA	Solid	5035	
880-47929-37	T-5 (1-2)	Total/NA	Solid	5035	
880-47929-38	T-5 (2-3)	Total/NA	Solid	5035	
880-47929-39	T-5 (3-4)	Total/NA	Solid	5035	
880-47929-40	T-5 (4-5)	Total/NA	Solid	5035	
MB 880-89870/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89870/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89870/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC VOA (Continued)

Prep Batch: 89870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-21 MS	T-2 (4-5)	Total/NA	Solid	5035	
880-47929-21 MSD	T-2 (4-5)	Total/NA	Solid	5035	

Prep Batch: 89871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-41	T-5 (5-6)	Total/NA	Solid	5035	
880-47929-42	T-6 (0-1)	Total/NA	Solid	5035	
880-47929-43	T-6 (1-2)	Total/NA	Solid	5035	
880-47929-44	T-6 (2-3)	Total/NA	Solid	5035	
880-47929-45	T-6 (3-4)	Total/NA	Solid	5035	
880-47929-46	T-6 (4-5)	Total/NA	Solid	5035	
880-47929-47	T-6 (5-6)	Total/NA	Solid	5035	
880-47929-48	T-7 (0-1)	Total/NA	Solid	5035	
880-47929-49	T-7 (1-2)	Total/NA	Solid	5035	
880-47929-50	T-7 (2-3)	Total/NA	Solid	5035	
880-47929-51	T-7 (3-4)	Total/NA	Solid	5035	
880-47929-52	T-7 (4-5)	Total/NA	Solid	5035	
880-47929-53	T-7 (5-6)	Total/NA	Solid	5035	
880-47929-54	T-8 (0-1)	Total/NA	Solid	5035	
880-47929-55	T-8 (1-2)	Total/NA	Solid	5035	
880-47929-56	T-8 (2-3)	Total/NA	Solid	5035	
880-47929-57	T-8 (3-4)	Total/NA	Solid	5035	
880-47929-58	T-8 (4-5)	Total/NA	Solid	5035	
880-47929-59	T-8 (5-6)	Total/NA	Solid	5035	
880-47929-60	T-9 (0-1)	Total/NA	Solid	5035	
MB 880-89871/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89871/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89871/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47929-41 MS	T-5 (5-6)	Total/NA	Solid	5035	
880-47929-41 MSD	T-5 (5-6)	Total/NA	Solid	5035	

Prep Batch: 89873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-61	T-9 (1-2)	Total/NA	Solid	5035	
880-47929-62	T-9 (2-3)	Total/NA	Solid	5035	
880-47929-63	T-9 (3-4)	Total/NA	Solid	5035	
880-47929-64	T-9 (4-5)	Total/NA	Solid	5035	
880-47929-65	T-9 (5-6)	Total/NA	Solid	5035	
880-47929-66	T-10 (0-1)	Total/NA	Solid	5035	
880-47929-67	T-10 (1-2)	Total/NA	Solid	5035	
880-47929-68	T-10 (2-3)	Total/NA	Solid	5035	
880-47929-69	T-10 (3-4)	Total/NA	Solid	5035	
880-47929-70	T-10 (4-5)	Total/NA	Solid	5035	
880-47929-71	T-10 (5-6)	Total/NA	Solid	5035	
880-47929-72	T-11 (0-1)	Total/NA	Solid	5035	
880-47929-73	T-11 (1-2)	Total/NA	Solid	5035	
880-47929-74	T-11 (2-3)	Total/NA	Solid	5035	
880-47929-75	T-11 (3-4)	Total/NA	Solid	5035	
880-47929-76	T-11 (4-5)	Total/NA	Solid	5035	
880-47929-77	T-11 (5-6)	Total/NA	Solid	5035	
880-47929-78	T-12 (0-1)	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC VOA (Continued)

Prep Batch: 89873 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-79	T-12 (1-2)	Total/NA	Solid	5035	
880-47929-80	T-12 (2-3)	Total/NA	Solid	5035	
MB 880-89873/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89873/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89873/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47929-61 MS	T-9 (1-2)	Total/NA	Solid	5035	
880-47929-61 MSD	T-9 (1-2)	Total/NA	Solid	5035	

Prep Batch: 89874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-81	T-12 (3-4)	Total/NA	Solid	5035	
880-47929-82	T-12 (4-5)	Total/NA	Solid	5035	
880-47929-83	T-12 (5-6)	Total/NA	Solid	5035	
880-47929-84	T-13 (0-1)	Total/NA	Solid	5035	
880-47929-85	T-13 (1-2)	Total/NA	Solid	5035	
880-47929-86	T-13 (2-3)	Total/NA	Solid	5035	
880-47929-87	T-13 (3-4)	Total/NA	Solid	5035	
880-47929-88	T-13 (4-5)	Total/NA	Solid	5035	
880-47929-89	T-13 (5-6)	Total/NA	Solid	5035	
880-47929-90	T-14 (0-1)	Total/NA	Solid	5035	
880-47929-91	T-14 (1-2)	Total/NA	Solid	5035	
880-47929-92	T-14 (2-3)	Total/NA	Solid	5035	
880-47929-93	T-14 (3-4)	Total/NA	Solid	5035	
880-47929-94	T-14 (4-5)	Total/NA	Solid	5035	
MB 880-89874/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89874/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89874/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47929-81 MS	T-12 (3-4)	Total/NA	Solid	5035	
880-47929-81 MSD	T-12 (3-4)	Total/NA	Solid	5035	

Analysis Batch: 89889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-41	T-5 (5-6)	Total/NA	Solid	8021B	89871
880-47929-42	T-6 (0-1)	Total/NA	Solid	8021B	89871
880-47929-43	T-6 (1-2)	Total/NA	Solid	8021B	89871
880-47929-44	T-6 (2-3)	Total/NA	Solid	8021B	89871
880-47929-45	T-6 (3-4)	Total/NA	Solid	8021B	89871
880-47929-46	T-6 (4-5)	Total/NA	Solid	8021B	89871
880-47929-47	T-6 (5-6)	Total/NA	Solid	8021B	89871
880-47929-48	T-7 (0-1)	Total/NA	Solid	8021B	89871
880-47929-49	T-7 (1-2)	Total/NA	Solid	8021B	89871
880-47929-50	T-7 (2-3)	Total/NA	Solid	8021B	89871
880-47929-51	T-7 (3-4)	Total/NA	Solid	8021B	89871
880-47929-52	T-7 (4-5)	Total/NA	Solid	8021B	89871
880-47929-53	T-7 (5-6)	Total/NA	Solid	8021B	89871
880-47929-54	T-8 (0-1)	Total/NA	Solid	8021B	89871
880-47929-55	T-8 (1-2)	Total/NA	Solid	8021B	89871
880-47929-56	T-8 (2-3)	Total/NA	Solid	8021B	89871
880-47929-57	T-8 (3-4)	Total/NA	Solid	8021B	89871
880-47929-58	T-8 (4-5)	Total/NA	Solid	8021B	89871
880-47929-59	T-8 (5-6)	Total/NA	Solid	8021B	89871

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC VOA (Continued)

Analysis Batch: 89889 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-60	T-9 (0-1)	Total/NA	Solid	8021B	89871
MB 880-89871/5-A	Method Blank	Total/NA	Solid	8021B	89871
LCS 880-89871/1-A	Lab Control Sample	Total/NA	Solid	8021B	89871
LCSD 880-89871/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89871
880-47929-41 MS	T-5 (5-6)	Total/NA	Solid	8021B	89871
880-47929-41 MSD	T-5 (5-6)	Total/NA	Solid	8021B	89871

Analysis Batch: 89892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-21	T-2 (4-5)	Total/NA	Solid	8021B	89870
880-47929-22	T-2 (5-6)	Total/NA	Solid	8021B	89870
880-47929-23	T-3 (0-1)	Total/NA	Solid	8021B	89870
880-47929-24	T-3 (1-2)	Total/NA	Solid	8021B	89870
880-47929-25	T-3 (2-3)	Total/NA	Solid	8021B	89870
880-47929-26	T-3 (3-4)	Total/NA	Solid	8021B	89870
880-47929-27	T-3 (4-5)	Total/NA	Solid	8021B	89870
880-47929-28	T-3 (5-6)	Total/NA	Solid	8021B	89870
880-47929-29	T-4 (0-1)	Total/NA	Solid	8021B	89870
880-47929-30	T-4 (1-2)	Total/NA	Solid	8021B	89870
880-47929-31	T-4 (2-3)	Total/NA	Solid	8021B	89870
880-47929-32	T-4 (3-4)	Total/NA	Solid	8021B	89870
880-47929-33	T-4 (4-5)	Total/NA	Solid	8021B	89870
880-47929-34	T-4 (5-6)	Total/NA	Solid	8021B	89870
880-47929-35	T-4 (6-7)	Total/NA	Solid	8021B	89870
880-47929-36	T-5 (0-1)	Total/NA	Solid	8021B	89870
880-47929-37	T-5 (1-2)	Total/NA	Solid	8021B	89870
880-47929-38	T-5 (2-3)	Total/NA	Solid	8021B	89870
880-47929-39	T-5 (3-4)	Total/NA	Solid	8021B	89870
880-47929-40	T-5 (4-5)	Total/NA	Solid	8021B	89870
880-47929-81	T-12 (3-4)	Total/NA	Solid	8021B	89874
880-47929-82	T-12 (4-5)	Total/NA	Solid	8021B	89874
880-47929-83	T-12 (5-6)	Total/NA	Solid	8021B	89874
880-47929-84	T-13 (0-1)	Total/NA	Solid	8021B	89874
880-47929-85	T-13 (1-2)	Total/NA	Solid	8021B	89874
880-47929-86	T-13 (2-3)	Total/NA	Solid	8021B	89874
880-47929-87	T-13 (3-4)	Total/NA	Solid	8021B	89874
880-47929-88	T-13 (4-5)	Total/NA	Solid	8021B	89874
880-47929-89	T-13 (5-6)	Total/NA	Solid	8021B	89874
880-47929-90	T-14 (0-1)	Total/NA	Solid	8021B	89874
880-47929-91	T-14 (1-2)	Total/NA	Solid	8021B	89874
880-47929-92	T-14 (2-3)	Total/NA	Solid	8021B	89874
880-47929-93	T-14 (3-4)	Total/NA	Solid	8021B	89874
880-47929-94	T-14 (4-5)	Total/NA	Solid	8021B	89874
MB 880-89870/5-A	Method Blank	Total/NA	Solid	8021B	89870
MB 880-89874/5-A	Method Blank	Total/NA	Solid	8021B	89874
LCS 880-89870/1-A	Lab Control Sample	Total/NA	Solid	8021B	89870
LCS 880-89874/1-A	Lab Control Sample	Total/NA	Solid	8021B	89874
LCSD 880-89870/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89870
LCSD 880-89874/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89874
880-47929-21 MS	T-2 (4-5)	Total/NA	Solid	8021B	89870
880-47929-21 MSD	T-2 (4-5)	Total/NA	Solid	8021B	89870

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC VOA (Continued)

Analysis Batch: 89892 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-81 MS	T-12 (3-4)	Total/NA	Solid	8021B	89874
880-47929-81 MSD	T-12 (3-4)	Total/NA	Solid	8021B	89874

Analysis Batch: 89904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-61	T-9 (1-2)	Total/NA	Solid	8021B	89873
880-47929-62	T-9 (2-3)	Total/NA	Solid	8021B	89873
880-47929-63	T-9 (3-4)	Total/NA	Solid	8021B	89873
880-47929-64	T-9 (4-5)	Total/NA	Solid	8021B	89873
880-47929-65	T-9 (5-6)	Total/NA	Solid	8021B	89873
880-47929-66	T-10 (0-1)	Total/NA	Solid	8021B	89873
880-47929-67	T-10 (1-2)	Total/NA	Solid	8021B	89873
880-47929-68	T-10 (2-3)	Total/NA	Solid	8021B	89873
880-47929-69	T-10 (3-4)	Total/NA	Solid	8021B	89873
880-47929-70	T-10 (4-5)	Total/NA	Solid	8021B	89873
880-47929-71	T-10 (5-6)	Total/NA	Solid	8021B	89873
880-47929-72	T-11 (0-1)	Total/NA	Solid	8021B	89873
880-47929-73	T-11 (1-2)	Total/NA	Solid	8021B	89873
880-47929-74	T-11 (2-3)	Total/NA	Solid	8021B	89873
880-47929-75	T-11 (3-4)	Total/NA	Solid	8021B	89873
880-47929-76	T-11 (4-5)	Total/NA	Solid	8021B	89873
880-47929-77	T-11 (5-6)	Total/NA	Solid	8021B	89873
880-47929-78	T-12 (0-1)	Total/NA	Solid	8021B	89873
880-47929-79	T-12 (1-2)	Total/NA	Solid	8021B	89873
880-47929-80	T-12 (2-3)	Total/NA	Solid	8021B	89873
MB 880-89873/5-A	Method Blank	Total/NA	Solid	8021B	89873
LCS 880-89873/1-A	Lab Control Sample	Total/NA	Solid	8021B	89873
LCSD 880-89873/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89873
880-47929-61 MS	T-9 (1-2)	Total/NA	Solid	8021B	89873
880-47929-61 MSD	T-9 (1-2)	Total/NA	Solid	8021B	89873

Analysis Batch: 89924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1	H-1 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-2	H-2 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-3	H-3 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-4	H-4 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-5	H-5 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-6	H-6 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-7	H-7 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-8	H-8 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-9	H-9 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-10	T-1 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-11	T-1 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-12	T-1 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-13	T-1 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-14	T-1 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-15	T-1 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-16	T-1 (6-7)	Total/NA	Solid	Total BTEX	
880-47929-17	T-2 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-18	T-2 (1-2)	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC VOA (Continued)

Analysis Batch: 89924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-19	T-2 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-20	T-2 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-21	T-2 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-22	T-2 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-23	T-3 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-24	T-3 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-25	T-3 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-26	T-3 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-27	T-3 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-28	T-3 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-29	T-4 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-30	T-4 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-31	T-4 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-32	T-4 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-33	T-4 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-34	T-4 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-35	T-4 (6-7)	Total/NA	Solid	Total BTEX	
880-47929-36	T-5 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-37	T-5 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-38	T-5 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-39	T-5 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-40	T-5 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-41	T-5 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-42	T-6 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-43	T-6 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-44	T-6 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-45	T-6 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-46	T-6 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-47	T-6 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-48	T-7 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-49	T-7 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-50	T-7 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-51	T-7 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-52	T-7 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-53	T-7 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-54	T-8 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-55	T-8 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-56	T-8 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-57	T-8 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-58	T-8 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-59	T-8 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-60	T-9 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-61	T-9 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-62	T-9 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-63	T-9 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-64	T-9 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-65	T-9 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-66	T-10 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-67	T-10 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-68	T-10 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-69	T-10 (3-4)	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC VOA (Continued)

Analysis Batch: 89924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-70	T-10 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-71	T-10 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-72	T-11 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-73	T-11 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-74	T-11 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-75	T-11 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-76	T-11 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-77	T-11 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-78	T-12 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-79	T-12 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-80	T-12 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-81	T-12 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-82	T-12 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-83	T-12 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-84	T-13 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-85	T-13 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-86	T-13 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-87	T-13 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-88	T-13 (4-5)	Total/NA	Solid	Total BTEX	
880-47929-89	T-13 (5-6)	Total/NA	Solid	Total BTEX	
880-47929-90	T-14 (0-1)	Total/NA	Solid	Total BTEX	
880-47929-91	T-14 (1-2)	Total/NA	Solid	Total BTEX	
880-47929-92	T-14 (2-3)	Total/NA	Solid	Total BTEX	
880-47929-93	T-14 (3-4)	Total/NA	Solid	Total BTEX	
880-47929-94	T-14 (4-5)	Total/NA	Solid	Total BTEX	

Analysis Batch: 89977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1	H-1 (0-1)	Total/NA	Solid	8021B	89869
880-47929-2	H-2 (0-1)	Total/NA	Solid	8021B	89869
880-47929-3	H-3 (0-1)	Total/NA	Solid	8021B	89869
880-47929-4	H-4 (0-1)	Total/NA	Solid	8021B	89869
880-47929-5	H-5 (0-1)	Total/NA	Solid	8021B	89869
880-47929-6	H-6 (0-1)	Total/NA	Solid	8021B	89869
880-47929-7	H-7 (0-1)	Total/NA	Solid	8021B	89869
880-47929-8	H-8 (0-1)	Total/NA	Solid	8021B	89869
880-47929-9	H-9 (0-1)	Total/NA	Solid	8021B	89869
880-47929-10	T-1 (0-1)	Total/NA	Solid	8021B	89869
880-47929-11	T-1 (1-2)	Total/NA	Solid	8021B	89869
880-47929-12	T-1 (2-3)	Total/NA	Solid	8021B	89869
880-47929-13	T-1 (3-4)	Total/NA	Solid	8021B	89869
880-47929-14	T-1 (4-5)	Total/NA	Solid	8021B	89869
880-47929-15	T-1 (5-6)	Total/NA	Solid	8021B	89869
880-47929-16	T-1 (6-7)	Total/NA	Solid	8021B	89869
880-47929-17	T-2 (0-1)	Total/NA	Solid	8021B	89869
880-47929-18	T-2 (1-2)	Total/NA	Solid	8021B	89869
880-47929-19	T-2 (2-3)	Total/NA	Solid	8021B	89869
880-47929-20	T-2 (3-4)	Total/NA	Solid	8021B	89869
MB 880-89869/5-A	Method Blank	Total/NA	Solid	8021B	89869
LCS 880-89869/1-A	Lab Control Sample	Total/NA	Solid	8021B	89869
LCSD 880-89869/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89869

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC VOA (Continued)

Analysis Batch: 89977 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1 MS	H-1 (0-1)	Total/NA	Solid	8021B	89869
880-47929-1 MSD	H-1 (0-1)	Total/NA	Solid	8021B	89869

GC Semi VOA

Analysis Batch: 89474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-81	T-12 (3-4)	Total/NA	Solid	8015B NM	89846
880-47929-82	T-12 (4-5)	Total/NA	Solid	8015B NM	89846
880-47929-83	T-12 (5-6)	Total/NA	Solid	8015B NM	89846
880-47929-84	T-13 (0-1)	Total/NA	Solid	8015B NM	89846
880-47929-85	T-13 (1-2)	Total/NA	Solid	8015B NM	89846
880-47929-86	T-13 (2-3)	Total/NA	Solid	8015B NM	89846
880-47929-87	T-13 (3-4)	Total/NA	Solid	8015B NM	89846
880-47929-88	T-13 (4-5)	Total/NA	Solid	8015B NM	89846
880-47929-89	T-13 (5-6)	Total/NA	Solid	8015B NM	89846
880-47929-90	T-14 (0-1)	Total/NA	Solid	8015B NM	89846
880-47929-91	T-14 (1-2)	Total/NA	Solid	8015B NM	89846
880-47929-92	T-14 (2-3)	Total/NA	Solid	8015B NM	89846
880-47929-93	T-14 (3-4)	Total/NA	Solid	8015B NM	89846
880-47929-94	T-14 (4-5)	Total/NA	Solid	8015B NM	89846
MB 880-89846/1-A	Method Blank	Total/NA	Solid	8015B NM	89846
LCS 880-89846/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89846
LCSD 880-89846/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89846
880-47929-81 MS	T-12 (3-4)	Total/NA	Solid	8015B NM	89846
880-47929-81 MSD	T-12 (3-4)	Total/NA	Solid	8015B NM	89846

Prep Batch: 89840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1	H-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-2	H-2 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-3	H-3 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-4	H-4 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-5	H-5 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-6	H-6 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-7	H-7 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-8	H-8 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-9	H-9 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-10	T-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-11	T-1 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-12	T-1 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-13	T-1 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-14	T-1 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-15	T-1 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-16	T-1 (6-7)	Total/NA	Solid	8015NM Prep	
880-47929-17	T-2 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-18	T-2 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-19	T-2 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-20	T-2 (3-4)	Total/NA	Solid	8015NM Prep	
MB 880-89840/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89840/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Prep Batch: 89840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-89840/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47929-1 MS	H-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-1 MSD	H-1 (0-1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 89842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-21	T-2 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-22	T-2 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-23	T-3 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-24	T-3 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-25	T-3 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-26	T-3 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-27	T-3 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-28	T-3 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-29	T-4 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-30	T-4 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-31	T-4 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-32	T-4 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-33	T-4 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-34	T-4 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-35	T-4 (6-7)	Total/NA	Solid	8015NM Prep	
880-47929-36	T-5 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-37	T-5 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-38	T-5 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-39	T-5 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-40	T-5 (4-5)	Total/NA	Solid	8015NM Prep	
MB 880-89842/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89842/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89842/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47929-21 MS	T-2 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-21 MSD	T-2 (4-5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 89844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-41	T-5 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-42	T-6 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-43	T-6 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-44	T-6 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-45	T-6 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-46	T-6 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-47	T-6 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-48	T-7 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-49	T-7 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-50	T-7 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-51	T-7 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-52	T-7 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-53	T-7 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-54	T-8 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-55	T-8 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-56	T-8 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-57	T-8 (3-4)	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Prep Batch: 89844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-58	T-8 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-59	T-8 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-60	T-9 (0-1)	Total/NA	Solid	8015NM Prep	
MB 880-89844/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89844/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89844/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47929-41 MS	T-5 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-41 MSD	T-5 (5-6)	Total/NA	Solid	8015NM Prep	

Prep Batch: 89845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-61	T-9 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-62	T-9 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-63	T-9 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-64	T-9 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-65	T-9 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-66	T-10 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-67	T-10 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-68	T-10 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-69	T-10 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-70	T-10 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-71	T-10 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-72	T-11 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-73	T-11 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-74	T-11 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-75	T-11 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-76	T-11 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-77	T-11 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-78	T-12 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-79	T-12 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-80	T-12 (2-3)	Total/NA	Solid	8015NM Prep	
MB 880-89845/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89845/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89845/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47929-61 MS	T-9 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-61 MSD	T-9 (1-2)	Total/NA	Solid	8015NM Prep	

Prep Batch: 89846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-81	T-12 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-82	T-12 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-83	T-12 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-84	T-13 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-85	T-13 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-86	T-13 (2-3)	Total/NA	Solid	8015NM Prep	
880-47929-87	T-13 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-88	T-13 (4-5)	Total/NA	Solid	8015NM Prep	
880-47929-89	T-13 (5-6)	Total/NA	Solid	8015NM Prep	
880-47929-90	T-14 (0-1)	Total/NA	Solid	8015NM Prep	
880-47929-91	T-14 (1-2)	Total/NA	Solid	8015NM Prep	
880-47929-92	T-14 (2-3)	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Prep Batch: 89846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-93	T-14 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-94	T-14 (4-5)	Total/NA	Solid	8015NM Prep	
MB 880-89846/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89846/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89846/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47929-81 MS	T-12 (3-4)	Total/NA	Solid	8015NM Prep	
880-47929-81 MSD	T-12 (3-4)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 89928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1	H-1 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-2	H-2 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-3	H-3 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-4	H-4 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-5	H-5 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-6	H-6 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-7	H-7 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-8	H-8 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-9	H-9 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-10	T-1 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-11	T-1 (1-2)	Total/NA	Solid	8015B NM	89840
880-47929-12	T-1 (2-3)	Total/NA	Solid	8015B NM	89840
880-47929-13	T-1 (3-4)	Total/NA	Solid	8015B NM	89840
880-47929-14	T-1 (4-5)	Total/NA	Solid	8015B NM	89840
880-47929-15	T-1 (5-6)	Total/NA	Solid	8015B NM	89840
880-47929-16	T-1 (6-7)	Total/NA	Solid	8015B NM	89840
880-47929-17	T-2 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-18	T-2 (1-2)	Total/NA	Solid	8015B NM	89840
880-47929-19	T-2 (2-3)	Total/NA	Solid	8015B NM	89840
880-47929-20	T-2 (3-4)	Total/NA	Solid	8015B NM	89840
880-47929-21	T-2 (4-5)	Total/NA	Solid	8015B NM	89842
880-47929-22	T-2 (5-6)	Total/NA	Solid	8015B NM	89842
880-47929-23	T-3 (0-1)	Total/NA	Solid	8015B NM	89842
880-47929-24	T-3 (1-2)	Total/NA	Solid	8015B NM	89842
880-47929-25	T-3 (2-3)	Total/NA	Solid	8015B NM	89842
880-47929-26	T-3 (3-4)	Total/NA	Solid	8015B NM	89842
880-47929-27	T-3 (4-5)	Total/NA	Solid	8015B NM	89842
880-47929-28	T-3 (5-6)	Total/NA	Solid	8015B NM	89842
880-47929-29	T-4 (0-1)	Total/NA	Solid	8015B NM	89842
880-47929-30	T-4 (1-2)	Total/NA	Solid	8015B NM	89842
880-47929-31	T-4 (2-3)	Total/NA	Solid	8015B NM	89842
880-47929-32	T-4 (3-4)	Total/NA	Solid	8015B NM	89842
880-47929-33	T-4 (4-5)	Total/NA	Solid	8015B NM	89842
880-47929-34	T-4 (5-6)	Total/NA	Solid	8015B NM	89842
880-47929-35	T-4 (6-7)	Total/NA	Solid	8015B NM	89842
880-47929-36	T-5 (0-1)	Total/NA	Solid	8015B NM	89842
880-47929-37	T-5 (1-2)	Total/NA	Solid	8015B NM	89842
880-47929-38	T-5 (2-3)	Total/NA	Solid	8015B NM	89842
880-47929-39	T-5 (3-4)	Total/NA	Solid	8015B NM	89842
880-47929-40	T-5 (4-5)	Total/NA	Solid	8015B NM	89842
MB 880-89840/1-A	Method Blank	Total/NA	Solid	8015B NM	89840

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 89928 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-89842/1-A	Method Blank	Total/NA	Solid	8015B NM	89842
LCS 880-89840/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89840
LCS 880-89842/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89842
LCSD 880-89840/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89840
LCSD 880-89842/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89842
880-47929-1 MS	H-1 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-1 MSD	H-1 (0-1)	Total/NA	Solid	8015B NM	89840
880-47929-21 MS	T-2 (4-5)	Total/NA	Solid	8015B NM	89842
880-47929-21 MSD	T-2 (4-5)	Total/NA	Solid	8015B NM	89842

Analysis Batch: 89930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-41	T-5 (5-6)	Total/NA	Solid	8015B NM	89844
880-47929-42	T-6 (0-1)	Total/NA	Solid	8015B NM	89844
880-47929-43	T-6 (1-2)	Total/NA	Solid	8015B NM	89844
880-47929-44	T-6 (2-3)	Total/NA	Solid	8015B NM	89844
880-47929-45	T-6 (3-4)	Total/NA	Solid	8015B NM	89844
880-47929-46	T-6 (4-5)	Total/NA	Solid	8015B NM	89844
880-47929-47	T-6 (5-6)	Total/NA	Solid	8015B NM	89844
880-47929-48	T-7 (0-1)	Total/NA	Solid	8015B NM	89844
880-47929-49	T-7 (1-2)	Total/NA	Solid	8015B NM	89844
880-47929-50	T-7 (2-3)	Total/NA	Solid	8015B NM	89844
880-47929-51	T-7 (3-4)	Total/NA	Solid	8015B NM	89844
880-47929-52	T-7 (4-5)	Total/NA	Solid	8015B NM	89844
880-47929-53	T-7 (5-6)	Total/NA	Solid	8015B NM	89844
880-47929-54	T-8 (0-1)	Total/NA	Solid	8015B NM	89844
880-47929-55	T-8 (1-2)	Total/NA	Solid	8015B NM	89844
880-47929-56	T-8 (2-3)	Total/NA	Solid	8015B NM	89844
880-47929-57	T-8 (3-4)	Total/NA	Solid	8015B NM	89844
880-47929-58	T-8 (4-5)	Total/NA	Solid	8015B NM	89844
880-47929-59	T-8 (5-6)	Total/NA	Solid	8015B NM	89844
880-47929-60	T-9 (0-1)	Total/NA	Solid	8015B NM	89844
880-47929-61	T-9 (1-2)	Total/NA	Solid	8015B NM	89845
880-47929-62	T-9 (2-3)	Total/NA	Solid	8015B NM	89845
880-47929-63	T-9 (3-4)	Total/NA	Solid	8015B NM	89845
880-47929-64	T-9 (4-5)	Total/NA	Solid	8015B NM	89845
880-47929-65	T-9 (5-6)	Total/NA	Solid	8015B NM	89845
880-47929-66	T-10 (0-1)	Total/NA	Solid	8015B NM	89845
880-47929-67	T-10 (1-2)	Total/NA	Solid	8015B NM	89845
880-47929-68	T-10 (2-3)	Total/NA	Solid	8015B NM	89845
880-47929-69	T-10 (3-4)	Total/NA	Solid	8015B NM	89845
880-47929-70	T-10 (4-5)	Total/NA	Solid	8015B NM	89845
880-47929-71	T-10 (5-6)	Total/NA	Solid	8015B NM	89845
880-47929-72	T-11 (0-1)	Total/NA	Solid	8015B NM	89845
880-47929-73	T-11 (1-2)	Total/NA	Solid	8015B NM	89845
880-47929-74	T-11 (2-3)	Total/NA	Solid	8015B NM	89845
880-47929-75	T-11 (3-4)	Total/NA	Solid	8015B NM	89845
880-47929-76	T-11 (4-5)	Total/NA	Solid	8015B NM	89845
880-47929-77	T-11 (5-6)	Total/NA	Solid	8015B NM	89845
880-47929-78	T-12 (0-1)	Total/NA	Solid	8015B NM	89845
880-47929-79	T-12 (1-2)	Total/NA	Solid	8015B NM	89845

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 89930 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-80	T-12 (2-3)	Total/NA	Solid	8015B NM	89845
MB 880-89844/1-A	Method Blank	Total/NA	Solid	8015B NM	89844
MB 880-89845/1-A	Method Blank	Total/NA	Solid	8015B NM	89845
LCS 880-89844/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89844
LCS 880-89845/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89845
LCSD 880-89844/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89844
LCSD 880-89845/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89845
880-47929-41 MS	T-5 (5-6)	Total/NA	Solid	8015B NM	89844
880-47929-41 MSD	T-5 (5-6)	Total/NA	Solid	8015B NM	89844
880-47929-61 MS	T-9 (1-2)	Total/NA	Solid	8015B NM	89845
880-47929-61 MSD	T-9 (1-2)	Total/NA	Solid	8015B NM	89845

Analysis Batch: 89956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1	H-1 (0-1)	Total/NA	Solid	8015 NM	
880-47929-2	H-2 (0-1)	Total/NA	Solid	8015 NM	
880-47929-3	H-3 (0-1)	Total/NA	Solid	8015 NM	
880-47929-4	H-4 (0-1)	Total/NA	Solid	8015 NM	
880-47929-5	H-5 (0-1)	Total/NA	Solid	8015 NM	
880-47929-6	H-6 (0-1)	Total/NA	Solid	8015 NM	
880-47929-7	H-7 (0-1)	Total/NA	Solid	8015 NM	
880-47929-8	H-8 (0-1)	Total/NA	Solid	8015 NM	
880-47929-9	H-9 (0-1)	Total/NA	Solid	8015 NM	
880-47929-10	T-1 (0-1)	Total/NA	Solid	8015 NM	
880-47929-11	T-1 (1-2)	Total/NA	Solid	8015 NM	
880-47929-12	T-1 (2-3)	Total/NA	Solid	8015 NM	
880-47929-13	T-1 (3-4)	Total/NA	Solid	8015 NM	
880-47929-14	T-1 (4-5)	Total/NA	Solid	8015 NM	
880-47929-15	T-1 (5-6)	Total/NA	Solid	8015 NM	
880-47929-16	T-1 (6-7)	Total/NA	Solid	8015 NM	
880-47929-17	T-2 (0-1)	Total/NA	Solid	8015 NM	
880-47929-18	T-2 (1-2)	Total/NA	Solid	8015 NM	
880-47929-19	T-2 (2-3)	Total/NA	Solid	8015 NM	
880-47929-20	T-2 (3-4)	Total/NA	Solid	8015 NM	
880-47929-21	T-2 (4-5)	Total/NA	Solid	8015 NM	
880-47929-22	T-2 (5-6)	Total/NA	Solid	8015 NM	
880-47929-23	T-3 (0-1)	Total/NA	Solid	8015 NM	
880-47929-24	T-3 (1-2)	Total/NA	Solid	8015 NM	
880-47929-25	T-3 (2-3)	Total/NA	Solid	8015 NM	
880-47929-26	T-3 (3-4)	Total/NA	Solid	8015 NM	
880-47929-27	T-3 (4-5)	Total/NA	Solid	8015 NM	
880-47929-28	T-3 (5-6)	Total/NA	Solid	8015 NM	
880-47929-29	T-4 (0-1)	Total/NA	Solid	8015 NM	
880-47929-30	T-4 (1-2)	Total/NA	Solid	8015 NM	
880-47929-31	T-4 (2-3)	Total/NA	Solid	8015 NM	
880-47929-32	T-4 (3-4)	Total/NA	Solid	8015 NM	
880-47929-33	T-4 (4-5)	Total/NA	Solid	8015 NM	
880-47929-34	T-4 (5-6)	Total/NA	Solid	8015 NM	
880-47929-35	T-4 (6-7)	Total/NA	Solid	8015 NM	
880-47929-36	T-5 (0-1)	Total/NA	Solid	8015 NM	
880-47929-37	T-5 (1-2)	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 89956 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-38	T-5 (2-3)	Total/NA	Solid	8015 NM	
880-47929-39	T-5 (3-4)	Total/NA	Solid	8015 NM	
880-47929-40	T-5 (4-5)	Total/NA	Solid	8015 NM	
880-47929-41	T-5 (5-6)	Total/NA	Solid	8015 NM	
880-47929-42	T-6 (0-1)	Total/NA	Solid	8015 NM	
880-47929-43	T-6 (1-2)	Total/NA	Solid	8015 NM	
880-47929-44	T-6 (2-3)	Total/NA	Solid	8015 NM	
880-47929-45	T-6 (3-4)	Total/NA	Solid	8015 NM	
880-47929-46	T-6 (4-5)	Total/NA	Solid	8015 NM	
880-47929-47	T-6 (5-6)	Total/NA	Solid	8015 NM	
880-47929-48	T-7 (0-1)	Total/NA	Solid	8015 NM	
880-47929-49	T-7 (1-2)	Total/NA	Solid	8015 NM	
880-47929-50	T-7 (2-3)	Total/NA	Solid	8015 NM	
880-47929-51	T-7 (3-4)	Total/NA	Solid	8015 NM	
880-47929-52	T-7 (4-5)	Total/NA	Solid	8015 NM	
880-47929-53	T-7 (5-6)	Total/NA	Solid	8015 NM	
880-47929-54	T-8 (0-1)	Total/NA	Solid	8015 NM	
880-47929-55	T-8 (1-2)	Total/NA	Solid	8015 NM	
880-47929-56	T-8 (2-3)	Total/NA	Solid	8015 NM	
880-47929-57	T-8 (3-4)	Total/NA	Solid	8015 NM	
880-47929-58	T-8 (4-5)	Total/NA	Solid	8015 NM	
880-47929-59	T-8 (5-6)	Total/NA	Solid	8015 NM	
880-47929-60	T-9 (0-1)	Total/NA	Solid	8015 NM	
880-47929-61	T-9 (1-2)	Total/NA	Solid	8015 NM	
880-47929-62	T-9 (2-3)	Total/NA	Solid	8015 NM	
880-47929-63	T-9 (3-4)	Total/NA	Solid	8015 NM	
880-47929-64	T-9 (4-5)	Total/NA	Solid	8015 NM	
880-47929-65	T-9 (5-6)	Total/NA	Solid	8015 NM	
880-47929-66	T-10 (0-1)	Total/NA	Solid	8015 NM	
880-47929-67	T-10 (1-2)	Total/NA	Solid	8015 NM	
880-47929-68	T-10 (2-3)	Total/NA	Solid	8015 NM	
880-47929-69	T-10 (3-4)	Total/NA	Solid	8015 NM	
880-47929-70	T-10 (4-5)	Total/NA	Solid	8015 NM	
880-47929-71	T-10 (5-6)	Total/NA	Solid	8015 NM	
880-47929-72	T-11 (0-1)	Total/NA	Solid	8015 NM	
880-47929-73	T-11 (1-2)	Total/NA	Solid	8015 NM	
880-47929-74	T-11 (2-3)	Total/NA	Solid	8015 NM	
880-47929-75	T-11 (3-4)	Total/NA	Solid	8015 NM	
880-47929-76	T-11 (4-5)	Total/NA	Solid	8015 NM	
880-47929-77	T-11 (5-6)	Total/NA	Solid	8015 NM	
880-47929-78	T-12 (0-1)	Total/NA	Solid	8015 NM	
880-47929-79	T-12 (1-2)	Total/NA	Solid	8015 NM	
880-47929-80	T-12 (2-3)	Total/NA	Solid	8015 NM	
880-47929-81	T-12 (3-4)	Total/NA	Solid	8015 NM	
880-47929-82	T-12 (4-5)	Total/NA	Solid	8015 NM	
880-47929-83	T-12 (5-6)	Total/NA	Solid	8015 NM	
880-47929-84	T-13 (0-1)	Total/NA	Solid	8015 NM	
880-47929-85	T-13 (1-2)	Total/NA	Solid	8015 NM	
880-47929-86	T-13 (2-3)	Total/NA	Solid	8015 NM	
880-47929-87	T-13 (3-4)	Total/NA	Solid	8015 NM	
880-47929-88	T-13 (4-5)	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 89956 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-89	T-13 (5-6)	Total/NA	Solid	8015 NM	
880-47929-90	T-14 (0-1)	Total/NA	Solid	8015 NM	
880-47929-91	T-14 (1-2)	Total/NA	Solid	8015 NM	
880-47929-92	T-14 (2-3)	Total/NA	Solid	8015 NM	
880-47929-93	T-14 (3-4)	Total/NA	Solid	8015 NM	
880-47929-94	T-14 (4-5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 89848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1	H-1 (0-1)	Soluble	Solid	DI Leach	
880-47929-2	H-2 (0-1)	Soluble	Solid	DI Leach	
880-47929-3	H-3 (0-1)	Soluble	Solid	DI Leach	
880-47929-4	H-4 (0-1)	Soluble	Solid	DI Leach	
880-47929-5	H-5 (0-1)	Soluble	Solid	DI Leach	
880-47929-6	H-6 (0-1)	Soluble	Solid	DI Leach	
880-47929-7	H-7 (0-1)	Soluble	Solid	DI Leach	
880-47929-8	H-8 (0-1)	Soluble	Solid	DI Leach	
880-47929-9	H-9 (0-1)	Soluble	Solid	DI Leach	
880-47929-10	T-1 (0-1)	Soluble	Solid	DI Leach	
880-47929-11	T-1 (1-2)	Soluble	Solid	DI Leach	
880-47929-12	T-1 (2-3)	Soluble	Solid	DI Leach	
880-47929-13	T-1 (3-4)	Soluble	Solid	DI Leach	
880-47929-14	T-1 (4-5)	Soluble	Solid	DI Leach	
880-47929-15	T-1 (5-6)	Soluble	Solid	DI Leach	
880-47929-16	T-1 (6-7)	Soluble	Solid	DI Leach	
MB 880-89848/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89848/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89848/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47929-7 MS	H-7 (0-1)	Soluble	Solid	DI Leach	
880-47929-7 MSD	H-7 (0-1)	Soluble	Solid	DI Leach	

Leach Batch: 89849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-17	T-2 (0-1)	Soluble	Solid	DI Leach	
880-47929-18	T-2 (1-2)	Soluble	Solid	DI Leach	
880-47929-19	T-2 (2-3)	Soluble	Solid	DI Leach	
880-47929-20	T-2 (3-4)	Soluble	Solid	DI Leach	
880-47929-21	T-2 (4-5)	Soluble	Solid	DI Leach	
880-47929-22	T-2 (5-6)	Soluble	Solid	DI Leach	
880-47929-23	T-3 (0-1)	Soluble	Solid	DI Leach	
880-47929-24	T-3 (1-2)	Soluble	Solid	DI Leach	
880-47929-25	T-3 (2-3)	Soluble	Solid	DI Leach	
880-47929-26	T-3 (3-4)	Soluble	Solid	DI Leach	
880-47929-27	T-3 (4-5)	Soluble	Solid	DI Leach	
880-47929-28	T-3 (5-6)	Soluble	Solid	DI Leach	
880-47929-29	T-4 (0-1)	Soluble	Solid	DI Leach	
880-47929-30	T-4 (1-2)	Soluble	Solid	DI Leach	
880-47929-31	T-4 (2-3)	Soluble	Solid	DI Leach	
880-47929-32	T-4 (3-4)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Leach Batch: 89849 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-33	T-4 (4-5)	Soluble	Solid	DI Leach	
880-47929-34	T-4 (5-6)	Soluble	Solid	DI Leach	
880-47929-35	T-4 (6-7)	Soluble	Solid	DI Leach	
880-47929-36	T-5 (0-1)	Soluble	Solid	DI Leach	
MB 880-89849/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89849/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89849/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47929-17 MS	T-2 (0-1)	Soluble	Solid	DI Leach	
880-47929-17 MSD	T-2 (0-1)	Soluble	Solid	DI Leach	
880-47929-27 MS	T-3 (4-5)	Soluble	Solid	DI Leach	
880-47929-27 MSD	T-3 (4-5)	Soluble	Solid	DI Leach	

Leach Batch: 89850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-37	T-5 (1-2)	Soluble	Solid	DI Leach	
880-47929-38	T-5 (2-3)	Soluble	Solid	DI Leach	
880-47929-39	T-5 (3-4)	Soluble	Solid	DI Leach	
880-47929-40	T-5 (4-5)	Soluble	Solid	DI Leach	
880-47929-41	T-5 (5-6)	Soluble	Solid	DI Leach	
880-47929-42	T-6 (0-1)	Soluble	Solid	DI Leach	
880-47929-43	T-6 (1-2)	Soluble	Solid	DI Leach	
880-47929-44	T-6 (2-3)	Soluble	Solid	DI Leach	
880-47929-45	T-6 (3-4)	Soluble	Solid	DI Leach	
880-47929-46	T-6 (4-5)	Soluble	Solid	DI Leach	
880-47929-47	T-6 (5-6)	Soluble	Solid	DI Leach	
880-47929-48	T-7 (0-1)	Soluble	Solid	DI Leach	
880-47929-49	T-7 (1-2)	Soluble	Solid	DI Leach	
880-47929-50	T-7 (2-3)	Soluble	Solid	DI Leach	
880-47929-51	T-7 (3-4)	Soluble	Solid	DI Leach	
880-47929-52	T-7 (4-5)	Soluble	Solid	DI Leach	
880-47929-53	T-7 (5-6)	Soluble	Solid	DI Leach	
880-47929-54	T-8 (0-1)	Soluble	Solid	DI Leach	
880-47929-55	T-8 (1-2)	Soluble	Solid	DI Leach	
880-47929-56	T-8 (2-3)	Soluble	Solid	DI Leach	
MB 880-89850/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89850/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89850/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47929-37 MS	T-5 (1-2)	Soluble	Solid	DI Leach	
880-47929-37 MSD	T-5 (1-2)	Soluble	Solid	DI Leach	
880-47929-47 MS	T-6 (5-6)	Soluble	Solid	DI Leach	
880-47929-47 MSD	T-6 (5-6)	Soluble	Solid	DI Leach	

Leach Batch: 89851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-57	T-8 (3-4)	Soluble	Solid	DI Leach	
880-47929-58	T-8 (4-5)	Soluble	Solid	DI Leach	
880-47929-59	T-8 (5-6)	Soluble	Solid	DI Leach	
880-47929-60	T-9 (0-1)	Soluble	Solid	DI Leach	
880-47929-61	T-9 (1-2)	Soluble	Solid	DI Leach	
880-47929-62	T-9 (2-3)	Soluble	Solid	DI Leach	
880-47929-63	T-9 (3-4)	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Leach Batch: 89851 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-64	T-9 (4-5)	Soluble	Solid	DI Leach	
880-47929-65	T-9 (5-6)	Soluble	Solid	DI Leach	
880-47929-66	T-10 (0-1)	Soluble	Solid	DI Leach	
880-47929-67	T-10 (1-2)	Soluble	Solid	DI Leach	
880-47929-68	T-10 (2-3)	Soluble	Solid	DI Leach	
880-47929-69	T-10 (3-4)	Soluble	Solid	DI Leach	
880-47929-70	T-10 (4-5)	Soluble	Solid	DI Leach	
880-47929-71	T-10 (5-6)	Soluble	Solid	DI Leach	
880-47929-72	T-11 (0-1)	Soluble	Solid	DI Leach	
880-47929-73	T-11 (1-2)	Soluble	Solid	DI Leach	
880-47929-74	T-11 (2-3)	Soluble	Solid	DI Leach	
880-47929-75	T-11 (3-4)	Soluble	Solid	DI Leach	
880-47929-76	T-11 (4-5)	Soluble	Solid	DI Leach	
MB 880-89851/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89851/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89851/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47929-57 MS	T-8 (3-4)	Soluble	Solid	DI Leach	
880-47929-57 MSD	T-8 (3-4)	Soluble	Solid	DI Leach	
880-47929-67 MS	T-10 (1-2)	Soluble	Solid	DI Leach	
880-47929-67 MSD	T-10 (1-2)	Soluble	Solid	DI Leach	

Leach Batch: 89853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-77	T-11 (5-6)	Soluble	Solid	DI Leach	
880-47929-78	T-12 (0-1)	Soluble	Solid	DI Leach	
880-47929-79	T-12 (1-2)	Soluble	Solid	DI Leach	
880-47929-80	T-12 (2-3)	Soluble	Solid	DI Leach	
880-47929-81	T-12 (3-4)	Soluble	Solid	DI Leach	
880-47929-82	T-12 (4-5)	Soluble	Solid	DI Leach	
880-47929-83	T-12 (5-6)	Soluble	Solid	DI Leach	
880-47929-84	T-13 (0-1)	Soluble	Solid	DI Leach	
880-47929-85	T-13 (1-2)	Soluble	Solid	DI Leach	
880-47929-86	T-13 (2-3)	Soluble	Solid	DI Leach	
880-47929-87	T-13 (3-4)	Soluble	Solid	DI Leach	
880-47929-88	T-13 (4-5)	Soluble	Solid	DI Leach	
880-47929-89	T-13 (5-6)	Soluble	Solid	DI Leach	
880-47929-90	T-14 (0-1)	Soluble	Solid	DI Leach	
880-47929-91	T-14 (1-2)	Soluble	Solid	DI Leach	
880-47929-92	T-14 (2-3)	Soluble	Solid	DI Leach	
880-47929-93	T-14 (3-4)	Soluble	Solid	DI Leach	
880-47929-94	T-14 (4-5)	Soluble	Solid	DI Leach	
MB 880-89853/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89853/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89853/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47929-77 MS	T-11 (5-6)	Soluble	Solid	DI Leach	
880-47929-77 MSD	T-11 (5-6)	Soluble	Solid	DI Leach	
880-47929-87 MS	T-13 (3-4)	Soluble	Solid	DI Leach	
880-47929-87 MSD	T-13 (3-4)	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

HPLC/IC

Analysis Batch: 89872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-1	H-1 (0-1)	Soluble	Solid	300.0	89848
880-47929-2	H-2 (0-1)	Soluble	Solid	300.0	89848
880-47929-3	H-3 (0-1)	Soluble	Solid	300.0	89848
880-47929-4	H-4 (0-1)	Soluble	Solid	300.0	89848
880-47929-5	H-5 (0-1)	Soluble	Solid	300.0	89848
880-47929-6	H-6 (0-1)	Soluble	Solid	300.0	89848
880-47929-7	H-7 (0-1)	Soluble	Solid	300.0	89848
880-47929-8	H-8 (0-1)	Soluble	Solid	300.0	89848
880-47929-9	H-9 (0-1)	Soluble	Solid	300.0	89848
880-47929-10	T-1 (0-1)	Soluble	Solid	300.0	89848
880-47929-11	T-1 (1-2)	Soluble	Solid	300.0	89848
880-47929-12	T-1 (2-3)	Soluble	Solid	300.0	89848
880-47929-13	T-1 (3-4)	Soluble	Solid	300.0	89848
880-47929-14	T-1 (4-5)	Soluble	Solid	300.0	89848
880-47929-15	T-1 (5-6)	Soluble	Solid	300.0	89848
880-47929-16	T-1 (6-7)	Soluble	Solid	300.0	89848
MB 880-89848/1-A	Method Blank	Soluble	Solid	300.0	89848
LCS 880-89848/2-A	Lab Control Sample	Soluble	Solid	300.0	89848
LCSD 880-89848/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89848
880-47929-7 MS	H-7 (0-1)	Soluble	Solid	300.0	89848
880-47929-7 MSD	H-7 (0-1)	Soluble	Solid	300.0	89848

Analysis Batch: 89907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-17	T-2 (0-1)	Soluble	Solid	300.0	89849
880-47929-18	T-2 (1-2)	Soluble	Solid	300.0	89849
880-47929-19	T-2 (2-3)	Soluble	Solid	300.0	89849
880-47929-20	T-2 (3-4)	Soluble	Solid	300.0	89849
880-47929-21	T-2 (4-5)	Soluble	Solid	300.0	89849
880-47929-22	T-2 (5-6)	Soluble	Solid	300.0	89849
880-47929-23	T-3 (0-1)	Soluble	Solid	300.0	89849
880-47929-24	T-3 (1-2)	Soluble	Solid	300.0	89849
880-47929-25	T-3 (2-3)	Soluble	Solid	300.0	89849
880-47929-26	T-3 (3-4)	Soluble	Solid	300.0	89849
880-47929-27	T-3 (4-5)	Soluble	Solid	300.0	89849
880-47929-28	T-3 (5-6)	Soluble	Solid	300.0	89849
880-47929-29	T-4 (0-1)	Soluble	Solid	300.0	89849
880-47929-30	T-4 (1-2)	Soluble	Solid	300.0	89849
880-47929-31	T-4 (2-3)	Soluble	Solid	300.0	89849
880-47929-32	T-4 (3-4)	Soluble	Solid	300.0	89849
880-47929-33	T-4 (4-5)	Soluble	Solid	300.0	89849
880-47929-34	T-4 (5-6)	Soluble	Solid	300.0	89849
880-47929-35	T-4 (6-7)	Soluble	Solid	300.0	89849
880-47929-36	T-5 (0-1)	Soluble	Solid	300.0	89849
MB 880-89849/1-A	Method Blank	Soluble	Solid	300.0	89849
LCS 880-89849/2-A	Lab Control Sample	Soluble	Solid	300.0	89849
LCSD 880-89849/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89849
880-47929-17 MS	T-2 (0-1)	Soluble	Solid	300.0	89849
880-47929-17 MSD	T-2 (0-1)	Soluble	Solid	300.0	89849
880-47929-27 MS	T-3 (4-5)	Soluble	Solid	300.0	89849
880-47929-27 MSD	T-3 (4-5)	Soluble	Solid	300.0	89849

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

HPLC/IC

Analysis Batch: 89915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-37	T-5 (1-2)	Soluble	Solid	300.0	89850
880-47929-38	T-5 (2-3)	Soluble	Solid	300.0	89850
880-47929-39	T-5 (3-4)	Soluble	Solid	300.0	89850
880-47929-40	T-5 (4-5)	Soluble	Solid	300.0	89850
880-47929-41	T-5 (5-6)	Soluble	Solid	300.0	89850
880-47929-42	T-6 (0-1)	Soluble	Solid	300.0	89850
880-47929-43	T-6 (1-2)	Soluble	Solid	300.0	89850
880-47929-44	T-6 (2-3)	Soluble	Solid	300.0	89850
880-47929-45	T-6 (3-4)	Soluble	Solid	300.0	89850
880-47929-46	T-6 (4-5)	Soluble	Solid	300.0	89850
880-47929-47	T-6 (5-6)	Soluble	Solid	300.0	89850
880-47929-48	T-7 (0-1)	Soluble	Solid	300.0	89850
880-47929-49	T-7 (1-2)	Soluble	Solid	300.0	89850
880-47929-50	T-7 (2-3)	Soluble	Solid	300.0	89850
880-47929-51	T-7 (3-4)	Soluble	Solid	300.0	89850
880-47929-52	T-7 (4-5)	Soluble	Solid	300.0	89850
880-47929-53	T-7 (5-6)	Soluble	Solid	300.0	89850
880-47929-54	T-8 (0-1)	Soluble	Solid	300.0	89850
880-47929-55	T-8 (1-2)	Soluble	Solid	300.0	89850
880-47929-56	T-8 (2-3)	Soluble	Solid	300.0	89850
MB 880-89850/1-A	Method Blank	Soluble	Solid	300.0	89850
LCS 880-89850/2-A	Lab Control Sample	Soluble	Solid	300.0	89850
LCSD 880-89850/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89850
880-47929-37 MS	T-5 (1-2)	Soluble	Solid	300.0	89850
880-47929-37 MSD	T-5 (1-2)	Soluble	Solid	300.0	89850
880-47929-47 MS	T-6 (5-6)	Soluble	Solid	300.0	89850
880-47929-47 MSD	T-6 (5-6)	Soluble	Solid	300.0	89850

Analysis Batch: 89919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-57	T-8 (3-4)	Soluble	Solid	300.0	89851
880-47929-58	T-8 (4-5)	Soluble	Solid	300.0	89851
880-47929-59	T-8 (5-6)	Soluble	Solid	300.0	89851
880-47929-60	T-9 (0-1)	Soluble	Solid	300.0	89851
880-47929-61	T-9 (1-2)	Soluble	Solid	300.0	89851
880-47929-62	T-9 (2-3)	Soluble	Solid	300.0	89851
880-47929-63	T-9 (3-4)	Soluble	Solid	300.0	89851
880-47929-64	T-9 (4-5)	Soluble	Solid	300.0	89851
880-47929-65	T-9 (5-6)	Soluble	Solid	300.0	89851
880-47929-66	T-10 (0-1)	Soluble	Solid	300.0	89851
880-47929-67	T-10 (1-2)	Soluble	Solid	300.0	89851
880-47929-68	T-10 (2-3)	Soluble	Solid	300.0	89851
880-47929-69	T-10 (3-4)	Soluble	Solid	300.0	89851
880-47929-70	T-10 (4-5)	Soluble	Solid	300.0	89851
880-47929-71	T-10 (5-6)	Soluble	Solid	300.0	89851
880-47929-72	T-11 (0-1)	Soluble	Solid	300.0	89851
880-47929-73	T-11 (1-2)	Soluble	Solid	300.0	89851
880-47929-74	T-11 (2-3)	Soluble	Solid	300.0	89851
880-47929-75	T-11 (3-4)	Soluble	Solid	300.0	89851
880-47929-76	T-11 (4-5)	Soluble	Solid	300.0	89851
MB 880-89851/1-A	Method Blank	Soluble	Solid	300.0	89851

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Analysis Batch: 89919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-89851/2-A	Lab Control Sample	Soluble	Solid	300.0	89851
LCSD 880-89851/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89851
880-47929-57 MS	T-8 (3-4)	Soluble	Solid	300.0	89851
880-47929-57 MSD	T-8 (3-4)	Soluble	Solid	300.0	89851
880-47929-67 MS	T-10 (1-2)	Soluble	Solid	300.0	89851
880-47929-67 MSD	T-10 (1-2)	Soluble	Solid	300.0	89851

Analysis Batch: 89952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47929-77	T-11 (5-6)	Soluble	Solid	300.0	89853
880-47929-78	T-12 (0-1)	Soluble	Solid	300.0	89853
880-47929-79	T-12 (1-2)	Soluble	Solid	300.0	89853
880-47929-80	T-12 (2-3)	Soluble	Solid	300.0	89853
880-47929-81	T-12 (3-4)	Soluble	Solid	300.0	89853
880-47929-82	T-12 (4-5)	Soluble	Solid	300.0	89853
880-47929-83	T-12 (5-6)	Soluble	Solid	300.0	89853
880-47929-84	T-13 (0-1)	Soluble	Solid	300.0	89853
880-47929-85	T-13 (1-2)	Soluble	Solid	300.0	89853
880-47929-86	T-13 (2-3)	Soluble	Solid	300.0	89853
880-47929-87	T-13 (3-4)	Soluble	Solid	300.0	89853
880-47929-88	T-13 (4-5)	Soluble	Solid	300.0	89853
880-47929-89	T-13 (5-6)	Soluble	Solid	300.0	89853
880-47929-90	T-14 (0-1)	Soluble	Solid	300.0	89853
880-47929-91	T-14 (1-2)	Soluble	Solid	300.0	89853
880-47929-92	T-14 (2-3)	Soluble	Solid	300.0	89853
880-47929-93	T-14 (3-4)	Soluble	Solid	300.0	89853
880-47929-94	T-14 (4-5)	Soluble	Solid	300.0	89853
MB 880-89853/1-A	Method Blank	Soluble	Solid	300.0	89853
LCS 880-89853/2-A	Lab Control Sample	Soluble	Solid	300.0	89853
LCSD 880-89853/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89853
880-47929-77 MS	T-11 (5-6)	Soluble	Solid	300.0	89853
880-47929-77 MSD	T-11 (5-6)	Soluble	Solid	300.0	89853
880-47929-87 MS	T-13 (3-4)	Soluble	Solid	300.0	89853
880-47929-87 MSD	T-13 (3-4)	Soluble	Solid	300.0	89853

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-1 (0-1)

Lab Sample ID: 880-47929-1

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 16:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 21:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/03/24 21:28	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 10:29	SMC	EET MID

Client Sample ID: H-2 (0-1)

Lab Sample ID: 880-47929-2

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 17:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 17:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 22:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/03/24 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 10:53	SMC	EET MID

Client Sample ID: H-3 (0-1)

Lab Sample ID: 880-47929-3

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 17:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 17:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 22:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/03/24 22:32	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 11:01	SMC	EET MID

Client Sample ID: H-4 (0-1)

Lab Sample ID: 880-47929-4

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 17:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-4 (0-1)

Lab Sample ID: 880-47929-4

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			89956	09/03/24 22:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/03/24 22:48	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 11:10	SMC	EET MID

Client Sample ID: H-5 (0-1)

Lab Sample ID: 880-47929-5

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 18:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 18:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 23:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/03/24 23:05	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 11:18	SMC	EET MID

Client Sample ID: H-6 (0-1)

Lab Sample ID: 880-47929-6

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 18:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 23:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/03/24 23:20	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 11:26	SMC	EET MID

Client Sample ID: H-7 (0-1)

Lab Sample ID: 880-47929-7

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 18:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 23:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/03/24 23:37	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: H-7 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 11:34	SMC	EET MID

Client Sample ID: H-8 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-8
Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 19:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 23:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/03/24 23:52	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 11:59	SMC	EET MID

Client Sample ID: H-9 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-9
Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 19:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 19:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 00:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 00:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 12:07	SMC	EET MID

Client Sample ID: T-1 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-10
Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 19:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 19:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 00:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 00:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 12:31	SMC	EET MID

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-1 (1-2)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-11

Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 21:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 21:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 00:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 00:56	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 12:39	SMC	EET MID

Client Sample ID: T-1 (2-3)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-12

Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 21:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 21:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 01:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 01:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 12:48	SMC	EET MID

Client Sample ID: T-1 (3-4)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-13

Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 22:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 22:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 01:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 01:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 12:56	SMC	EET MID

Client Sample ID: T-1 (4-5)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-14

Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 22:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 22:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-1 (4-5)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-14
Matrix: Solid

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			89956	09/04/24 01:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 01:44	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 13:04	SMC	EET MID

Client Sample ID: T-1 (5-6)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-15
Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 22:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 22:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 01:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 01:59	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89872	09/03/24 13:12	SMC	EET MID

Client Sample ID: T-1 (6-7)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-16
Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 23:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 02:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 02:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89848	08/30/24 15:18	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89872	09/03/24 13:20	SMC	EET MID

Client Sample ID: T-2 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-17
Matrix: Solid

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 23:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 23:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 02:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 02:31	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-47929-17

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 11:48	SMC	EET MID

Client Sample ID: T-2 (1-2)

Lab Sample ID: 880-47929-18

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/03/24 23:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 23:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 02:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 02:47	TKC	EET MID
Soluble	Leach	DI Leach			5.0 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 12:05	SMC	EET MID

Client Sample ID: T-2 (2-3)

Lab Sample ID: 880-47929-19

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/04/24 00:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/04/24 00:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 03:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 03:02	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 12:10	SMC	EET MID

Client Sample ID: T-2 (3-4)

Lab Sample ID: 880-47929-20

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89869	08/30/24 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89977	09/04/24 00:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/04/24 00:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 03:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89840	08/30/24 14:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 03:18	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 12:16	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-2 (4-5)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-21

Matrix: Solid

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 16:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 05:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 05:10	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 12:21	SMC	EET MID

Client Sample ID: T-2 (5-6)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-22

Matrix: Solid

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 05:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 05:57	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 12:38	SMC	EET MID

Client Sample ID: T-3 (0-1)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-23

Matrix: Solid

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 17:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 06:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 06:13	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 12:44	SMC	EET MID

Client Sample ID: T-3 (1-2)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-24

Matrix: Solid

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 17:49	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-3 (1-2)

Lab Sample ID: 880-47929-24

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			89956	09/04/24 06:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 06:28	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 12:50	SMC	EET MID

Client Sample ID: T-3 (2-3)

Lab Sample ID: 880-47929-25

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 06:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 06:44	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89907	09/05/24 12:55	SMC	EET MID

Client Sample ID: T-3 (3-4)

Lab Sample ID: 880-47929-26

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 18:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 07:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 07:00	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89907	09/05/24 13:01	SMC	EET MID

Client Sample ID: T-3 (4-5)

Lab Sample ID: 880-47929-27

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 07:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 07:16	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-3 (4-5)

Lab Sample ID: 880-47929-27

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89907	09/05/24 13:07	SMC	EET MID

Client Sample ID: T-3 (5-6)

Lab Sample ID: 880-47929-28

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 07:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 07:31	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89907	09/05/24 13:24	SMC	EET MID

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-47929-29

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 07:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 07:48	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 13:29	SMC	EET MID

Client Sample ID: T-4 (1-2)

Lab Sample ID: 880-47929-30

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 08:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 08:03	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 14:43	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-4 (2-3)

Lab Sample ID: 880-47929-31

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 21:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 21:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 08:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 08:35	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 14:49	SMC	EET MID

Client Sample ID: T-4 (3-4)

Lab Sample ID: 880-47929-32

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 22:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 22:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 08:52	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89907	09/05/24 14:54	SMC	EET MID

Client Sample ID: T-4 (4-5)

Lab Sample ID: 880-47929-33

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 22:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 22:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 09:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 09:07	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89907	09/05/24 15:00	SMC	EET MID

Client Sample ID: T-4 (5-6)

Lab Sample ID: 880-47929-34

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 22:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 22:43	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-4 (5-6)

Lab Sample ID: 880-47929-34

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			89956	09/04/24 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 09:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89907	09/05/24 15:06	SMC	EET MID

Client Sample ID: T-4 (6-7)

Lab Sample ID: 880-47929-35

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 23:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 23:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 09:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 09:39	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89907	09/05/24 15:11	SMC	EET MID

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-47929-36

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 23:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 23:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 09:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 09:55	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89849	08/30/24 15:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89907	09/05/24 15:17	SMC	EET MID

Client Sample ID: T-5 (1-2)

Lab Sample ID: 880-47929-37

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	08/31/24 23:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 23:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 10:10	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-5 (1-2)

Lab Sample ID: 880-47929-37

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 04:41	CH	EET MID

Client Sample ID: T-5 (2-3)

Lab Sample ID: 880-47929-38

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 00:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 10:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 10:26	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 05:05	CH	EET MID

Client Sample ID: T-5 (3-4)

Lab Sample ID: 880-47929-39

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 00:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 00:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 10:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 10:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 05:13	CH	EET MID

Client Sample ID: T-5 (4-5)

Lab Sample ID: 880-47929-40

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89870	08/30/24 16:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 00:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 00:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 10:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89842	08/30/24 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89928	09/04/24 10:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 05:21	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-5 (5-6)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-41

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 16:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 16:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 21:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 21:28	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 05:30	CH	EET MID

Client Sample ID: T-6 (0-1)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-42

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 16:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 22:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 05:54	CH	EET MID

Client Sample ID: T-6 (1-2)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 16:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 16:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 22:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 22:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 06:02	CH	EET MID

Client Sample ID: T-6 (2-3)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-44

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 17:07	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-6 (2-3)

Lab Sample ID: 880-47929-44

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			89956	09/03/24 22:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 22:48	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89915	09/04/24 06:10	CH	EET MID

Client Sample ID: T-6 (3-4)

Lab Sample ID: 880-47929-45

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 17:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 23:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 23:05	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89915	09/04/24 06:18	CH	EET MID

Client Sample ID: T-6 (4-5)

Lab Sample ID: 880-47929-46

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 17:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 23:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 23:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89915	09/04/24 06:27	CH	EET MID

Client Sample ID: T-6 (5-6)

Lab Sample ID: 880-47929-47

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 23:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 23:37	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-6 (5-6)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89915	09/04/24 06:35	CH	EET MID

Client Sample ID: T-7 (0-1)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-48

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 18:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/03/24 23:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 23:52	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	89915	09/04/24 06:59	CH	EET MID

Client Sample ID: T-7 (1-2)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-49

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 00:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 00:09	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89915	09/04/24 07:07	CH	EET MID

Client Sample ID: T-7 (2-3)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-50

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 19:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 00:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 00:24	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89915	09/04/24 07:32	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-7 (3-4)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-51

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 20:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 00:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 00:56	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89915	09/04/24 07:40	CH	EET MID

Client Sample ID: T-7 (4-5)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-52

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 20:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 01:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 01:12	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 07:48	CH	EET MID

Client Sample ID: T-7 (5-6)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-53

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 21:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 01:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 01:28	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 07:56	CH	EET MID

Client Sample ID: T-8 (0-1)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-54

Matrix: Solid

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 21:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 21:35	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-47929-54

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			89956	09/04/24 01:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 01:44	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89915	09/04/24 08:04	CH	EET MID

Client Sample ID: T-8 (1-2)

Lab Sample ID: 880-47929-55

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 21:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 21:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 01:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 01:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 08:13	CH	EET MID

Client Sample ID: T-8 (2-3)

Lab Sample ID: 880-47929-56

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 22:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 22:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 02:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 02:16	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89850	08/30/24 15:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89915	09/04/24 08:21	CH	EET MID

Client Sample ID: T-8 (3-4)

Lab Sample ID: 880-47929-57

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 22:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 22:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 02:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 02:31	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-8 (3-4)

Lab Sample ID: 880-47929-57

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 01:31	CH	EET MID

Client Sample ID: T-8 (4-5)

Lab Sample ID: 880-47929-58

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 22:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 22:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 02:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 02:47	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 01:58	CH	EET MID

Client Sample ID: T-8 (5-6)

Lab Sample ID: 880-47929-59

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 23:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 03:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 03:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 02:07	CH	EET MID

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-47929-60

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89871	08/30/24 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89889	08/31/24 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	08/31/24 23:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 03:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89844	08/30/24 14:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 03:18	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89919	09/04/24 02:16	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-9 (1-2)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-61
Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 12:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 12:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 05:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 05:10	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 02:24	CH	EET MID

Client Sample ID: T-9 (2-3)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-62
Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 12:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 12:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 05:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 05:57	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 02:51	CH	EET MID

Client Sample ID: T-9 (3-4)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 13:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 13:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 06:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 06:13	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 03:00	CH	EET MID

Client Sample ID: T-9 (4-5)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-64
Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 13:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 13:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-9 (4-5)

Lab Sample ID: 880-47929-64

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			89956	09/04/24 06:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 06:28	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 03:09	CH	EET MID

Client Sample ID: T-9 (5-6)

Lab Sample ID: 880-47929-65

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 13:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 13:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 06:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 06:44	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 03:18	CH	EET MID

Client Sample ID: T-10 (0-1)

Lab Sample ID: 880-47929-66

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 14:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 14:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 07:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 07:00	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 03:26	CH	EET MID

Client Sample ID: T-10 (1-2)

Lab Sample ID: 880-47929-67

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 14:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 07:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 07:16	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-10 (1-2)

Lab Sample ID: 880-47929-67

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 03:35	CH	EET MID

Client Sample ID: T-10 (2-3)

Lab Sample ID: 880-47929-68

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 14:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 14:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 07:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 07:31	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 04:02	CH	EET MID

Client Sample ID: T-10 (3-4)

Lab Sample ID: 880-47929-69

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 15:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 07:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 07:48	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 04:11	CH	EET MID

Client Sample ID: T-10 (4-5)

Lab Sample ID: 880-47929-70

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 15:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 15:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 08:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 08:03	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 04:37	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-10 (5-6)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-71
Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 16:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 08:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 08:35	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 04:46	CH	EET MID

Client Sample ID: T-11 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-72
Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 08:52	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 04:55	CH	EET MID

Client Sample ID: T-11 (1-2)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-73
Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 17:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 09:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 09:07	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 05:04	CH	EET MID

Client Sample ID: T-11 (2-3)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-74
Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 17:49	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-11 (2-3)

Lab Sample ID: 880-47929-74

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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			89956	09/04/24 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 09:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 05:13	CH	EET MID

Client Sample ID: T-11 (3-4)

Lab Sample ID: 880-47929-75

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 18:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 09:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 09:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 05:22	CH	EET MID

Client Sample ID: T-11 (4-5)

Lab Sample ID: 880-47929-76

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 18:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 09:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 09:55	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89851	08/30/24 15:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89919	09/04/24 05:30	CH	EET MID

Client Sample ID: T-11 (5-6)

Lab Sample ID: 880-47929-77

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 18:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 10:10	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-11 (5-6)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-77

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89952	09/04/24 23:12	CH	EET MID

Client Sample ID: T-12 (0-1)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-78

Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 10:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 10:26	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89952	09/04/24 23:37	CH	EET MID

Client Sample ID: T-12 (1-2)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-79

Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 10:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 10:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/04/24 23:45	CH	EET MID

Client Sample ID: T-12 (2-3)

Date Collected: 08/29/24 00:00

Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-80

Matrix: Solid

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	89873	08/30/24 16:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89904	09/03/24 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/03/24 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	09/04/24 10:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89845	08/30/24 14:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/04/24 10:59	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/04/24 23:53	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-12 (3-4)

Lab Sample ID: 880-47929-81

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 04:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 04:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/30/24 22:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/30/24 22:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89952	09/05/24 00:01	CH	EET MID

Client Sample ID: T-12 (4-5)

Lab Sample ID: 880-47929-82

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 04:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/30/24 23:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/30/24 23:29	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89952	09/05/24 00:26	CH	EET MID

Client Sample ID: T-12 (5-6)

Lab Sample ID: 880-47929-83

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 05:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 05:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/30/24 23:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/30/24 23:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/05/24 00:34	CH	EET MID

Client Sample ID: T-13 (0-1)

Lab Sample ID: 880-47929-84

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 05:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 05:26	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-13 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-84
Matrix: Solid

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			89956	08/30/24 23:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/30/24 23:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89952	09/05/24 00:42	CH	EET MID

Client Sample ID: T-13 (1-2)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-85
Matrix: Solid

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 05:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 05:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 00:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 00:12	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89952	09/05/24 00:50	CH	EET MID

Client Sample ID: T-13 (2-3)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-86
Matrix: Solid

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 06:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 06:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 00:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 00:26	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89952	09/05/24 00:58	CH	EET MID

Client Sample ID: T-13 (3-4)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 06:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 06:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 00:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 00:40	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-13 (3-4)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89952	09/05/24 01:07	CH	EET MID

Client Sample ID: T-13 (4-5)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-88
Matrix: Solid

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 06:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 00:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 00:54	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/05/24 01:31	CH	EET MID

Client Sample ID: T-13 (5-6)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-89
Matrix: Solid

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 07:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 07:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 01:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 01:09	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/05/24 01:39	CH	EET MID

Client Sample ID: T-14 (0-1)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-90
Matrix: Solid

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 07:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 01:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 01:23	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/05/24 02:04	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-14 (1-2)

Lab Sample ID: 880-47929-91

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 09:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 09:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 01:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 01:51	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/05/24 02:12	CH	EET MID

Client Sample ID: T-14 (2-3)

Lab Sample ID: 880-47929-92

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 09:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 02:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 02:05	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/05/24 02:20	CH	EET MID

Client Sample ID: T-14 (3-4)

Lab Sample ID: 880-47929-93

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 10:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 10:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			89956	08/31/24 02:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 02:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/05/24 02:28	CH	EET MID

Client Sample ID: T-14 (4-5)

Lab Sample ID: 880-47929-94

Date Collected: 08/29/24 00:00

Matrix: Solid

Date Received: 08/30/24 11:20

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	89874	08/30/24 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89892	09/01/24 10:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89924	09/01/24 10:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Client Sample ID: T-14 (4-5)
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 11:20

Lab Sample ID: 880-47929-94
Matrix: Solid

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			89956	08/31/24 02:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89846	08/30/24 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89474	08/31/24 02:34	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89853	08/30/24 15:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89952	09/05/24 02:36	CH	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: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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	06-30-25
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

Method Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

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: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-47929-1	H-1 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-2	H-2 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-3	H-3 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-4	H-4 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-5	H-5 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-6	H-6 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-7	H-7 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-8	H-8 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-9	H-9 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-10	T-1 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-11	T-1 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-12	T-1 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-13	T-1 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-14	T-1 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-15	T-1 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-16	T-1 (6-7)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-17	T-2 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-18	T-2 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-19	T-2 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-20	T-2 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-21	T-2 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-22	T-2 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-23	T-3 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-24	T-3 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-25	T-3 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-26	T-3 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-27	T-3 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-28	T-3 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-29	T-4 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-30	T-4 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-31	T-4 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-32	T-4 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-33	T-4 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-34	T-4 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-35	T-4 (6-7)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-36	T-5 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-37	T-5 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-38	T-5 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-39	T-5 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-40	T-5 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-41	T-5 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-42	T-6 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-43	T-6 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-44	T-6 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-45	T-6 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-46	T-6 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-47	T-6 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-48	T-7 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-49	T-7 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-50	T-7 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-51	T-7 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-52	T-7 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-53	T-7 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-54	T-8 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20

Sample Summary

Client: Tetra Tech Inc
Project/Site: Solaris Daisy SWD

Job ID: 880-47929-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-47929-55	T-8 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-56	T-8 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-57	T-8 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-58	T-8 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-59	T-8 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-60	T-9 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-61	T-9 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-62	T-9 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-63	T-9 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-64	T-9 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-65	T-9 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-66	T-10 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-67	T-10 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-68	T-10 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-69	T-10 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-70	T-10 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-71	T-10 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-72	T-11 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-73	T-11 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-74	T-11 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-75	T-11 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-76	T-11 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-77	T-11 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-78	T-12 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-79	T-12 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-80	T-12 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-81	T-12 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-82	T-12 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-83	T-12 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-84	T-13 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-85	T-13 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-86	T-13 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-87	T-13 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-88	T-13 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-89	T-13 (5-6)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-90	T-14 (0-1)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-91	T-14 (1-2)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-92	T-14 (2-3)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-93	T-14 (3-4)	Solid	08/29/24 00:00	08/30/24 11:20
880-47929-94	T-14 (4-5)	Solid	08/29/24 00:00	08/30/24 11:20

Analysis Request of Custody Record



Tetra Tech, Inc.

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



880-47929 Chain of Custody

1 of 10

Client Name:	TetraTech	Site Manager:	Brittany Long
Project Name:	Solaris Daisy SWD		
Project Location: (county, state)	Eddy County, NM	Project #:	212C-MD-03409
Invoice to:	Solaris attn: Rob Kirk		
Receiving Laboratory:	EuroFins	Sampler Signature:	William Erlendson
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	
		YEAR	DATE	WATER	SOIL	HCL	HNO ₃			ICE
	H-1 (0-1)		8/29/2024		X			X		
	H-2 (0-1)		8/29/2024		X			X		
	H-3 (0-1)		8/29/2024		X			X		
	H-4 (0-1)		8/29/2024		X			X		
	H-5 (0-1)		8/29/2024		X			X		
	H-6 (0-1)		8/29/2024		X			X		
	H-7 (0-1)		8/29/2024		X			X		
	H-8 (0-1)		8/29/2024		X			X		
	H-9 (0-1)		8/29/2024		X			X		

Relinquished by:	William Erlendson	Date:	8/30/24	Time:	11:20	Received by:	[Signature]	Date:	8/30/24	Time:	11:20
Relinquished by:		Date:		Time:		Received by:		Date:		Time:	
Relinquished by:		Date:		Time:		Received by:		Date:		Time:	

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 300.0
- Chloride Sulfate TDS
- General Water Chemistry (see attached list)
- Anion/Cation Balance

LAB USE ONLY	REMARKS:
Sample Temperature	
3.7 / -3.8	
☐ RUSH Same Day 24 hr 48 hr 72 hr	
☐ Rush Charges Authorized	
☐ Special Report Limits or TRRP Report	

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
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Analysis Request of Chain of Custody Record

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Midland, Texas 79701
Tel (432) 662-4559
Fax (432) 662-3946

47929

Client Name: TetraTech Site Manager: Brittany Long

Project Name: Solaris Daisy SWD

Project Location: (county, state) Eddy County, NM Project #: 212C-MD-03409

Invoice to: Solaris attn: Rob Kirk

Receiving Laboratory: EuroFins Sampler Signature: William Erlendson

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
		YEAR	DATE	TIME	WATER	SOIL	HCL		
	T-3 (4-5)		8/29/2024		X		X		
	T-3 (5-6)		8/29/2024		X		X		
	T-4 (0-1)		8/29/2024		X		X		
	T-4 (1-2)		8/29/2024		X		X		
	T-4 (2-3)		8/29/2024		X		X		
	T-4 (3-4)		8/29/2024		X		X		
	T-4 (4-5)		8/29/2024		X		X		
	T-4 (5-6)		8/29/2024		X		X		
	T-4 (6-7)		8/29/2024		X		X		
Relinquished by: William Erlendson		Date: 8/29/24	Time: 11:20	Received by: [Signature]	Date: 8/30/24	Time: 11:20			
Relinquished by:		Date:	Time:	Received by:	Date:	Time:			
Relinquished by:		Date:	Time:	Received by:	Date:	Time:			

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 300.0		
Chloride Sulfate TDS		
General Water Chemistry (see attached list)		
Anion/Cation Balance		

LAB USE ONLY

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

Client Name: TetraTech Site Manager: Brittany Long

Project Name: Solaris Daisy SWD

Project Location: Eddy County, NM Project #: 212C-MD-03409

Invoice to: Solaris attn: Rob Kirk

Receiving Laboratory: EuroFins Sampler Signature: William Erlendson

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE			
									YEAR		
	T-5 (0-1)	8/29/2024		X			X				
	T-5 (1-2)	8/29/2024		X			X				
	T-5 (2-3)	8/29/2024		X			X				
	T-5 (3-4)	8/29/2024		X			X				
	T-5 (4-5)	8/29/2024		X			X				
	T-5 (5-6)	8/29/2024		X			X				
	T-6 (0-1)	8/29/2024		X			X				
	T-6 (0-1)	8/29/2024		X			X				
	T-6 (1-2)	8/29/2024		X			X				
	T-6 (2-3)	8/29/2024		X			X				
Relinquished by: William Erlendson		Date: 8/30/24	Time: 11:20	Received by: 	Date: 8/30/24	Time: 11:20					
Relinquished by:		Date:	Time:	Received by:	Date:	Time:					
Relinquished by:		Date:	Time:	Received by:	Date:	Time:					

ANALYSIS REQUEST
(Circle or Specify Method No.)

117929

LAB USE ONLY	REMARKS:	BTEX 8021B BTEX 8260B	
		TPH TX1005 (Ext to C35)	
Sample Temperature	RUSH: Same Day 24 hr 48 hr 72 hr Rush Charges Authorized Special Report Limits or TRRP Report	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 300.0	
		Chloride Sulfate TDS	
		General Water Chemistry (see attached list)	
		Anion/Cation Balance	
		Hold	

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(Circle) HAND DELIVERED FEDEX UPS Tracking #:

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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9/9/2024

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

47929

Client Name:		TetraTech		Site Manager:		Brittany Long	
Project Name:		Solaris Daisy SWD		Project #:		212C-MD-03409	
Project Location: (county, state)		Eddy County, NM		Project #:		212C-MD-03409	
Invoice to:		Solaris attn: Rob Kirk		Sampler Signature:		William Erlendson	
Receiving Laboratory:		EuroFins		Sampler Signature:		William Erlendson	
Comments:							

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	
		YEAR	DATE	WATER	SOIL	HCL	HNO ₃			ICE
	T-8 (1-2)		8/29/2024		X		X			
	T-8 (2-3)		8/29/2024		X		X			
	T-8 (3-4)		8/29/2024		X		X			
	T-8 (4-5)		8/29/2024		X		X			
	T-8 (5-6)		8/29/2024		X		X			
	T-9 (0-1)		8/29/2024		X		X			
	T-9 (1-2)		8/29/2024		X		X			
	T-9 (2-3)		8/29/2024		X		X			
	T-9 (3-4)		8/29/2024		X		X			
	T-9 (4-5)		8/29/2024		X		X			

Relinquished by:	William Erlendson	Date:	8/30/24	Time:	11:20	Received by:		Date:	8/30/24	Time:	11:20
Relinquished by:		Date:		Time:		Received by:		Date:		Time:	

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LAB USE ONLY	REMARKS:	Sample Temperature	
		☐ RUSH: Same Day 24 hr 48 hr 72 hr	☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report			

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 300.0	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	

Hold	

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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Page

of

9/9/2024

Client Name:		TetraTech		Site Manager:		Brittany Long															
Project Name:		Solaris Daisy SWD		Project #:		212C-MD-03409															
Project Location: (county, state)		Eddy County, NM		Project #:		212C-MD-03409															
Invoice to:		Solaris attn: Rob Kirk		Sampler Signature:		William Erlendson															
Receiving Laboratory:		EuroFins		Sampler Signature:		William Erlendson															
Comments:																					
LAB # (LAB USE ONLY)		SAMPLE IDENTIFICATION		SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS		FILTERED (Y/N)									
				YEAR																	
				DATE		TIME		WATER		SOIL		HCL		HNO ₃		ICE					
T-9 (5-60)				8/29/2024				X													
T-10 (0-1)				8/29/2024				X													
T-10 (1-2)				8/29/2024				X													
T-10 (2-3)				8/29/2024				X													
T-10 (3-4)				8/29/2024				X													
T-10 (4-5)				8/29/2024				X													
T-10 (5-6)				8/29/2024				X													
T-11 (0-1)				8/29/2024				X													
T-11 (1-2)				8/29/2024				X													
T-11 (2-3)				8/29/2024				X													
Relinquished by:		Date: Time:		Received by:		Date: Time:		LAB USE ONLY		REMARKS:											
William Erlendson		8/30/24 11:20		[Signature]		8/30/24 11:20															
Relinquished by:		Date: Time:		Received by:		Date: Time:		Sample Temperature													
Relinquished by:		Date: Time:		Received by:		Date: Time:															
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Relinquished by:		Date: Time:		Received by:																	

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
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479209

Page 2 of 2

9/9/2024

Client Name: TetraTech		Site Manager: Brittany Long											
Project Name: Solaris Daisy SWD													
Project Location: Eddy County, NM		Project #: 212C-MD-03409											
Invoice to: Solaris attn: Rob Kirk													
Receiving Laboratory: EuroFins		Sampler Signature: William Erlendson											
Comments:													
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION			SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS		FILTERED (Y/N)	
				YEAR									
				DATE	TIME	WATER		SOIL		HCL		HNO ₃	
						ICE							
	T-11 (3-4)			8/29/2024		X		X					
	T-11 (4-5)			8/29/2024		X		X					
	T-11 (5-6)			8/29/2024		X		X					
	T-12 (0-1)			8/29/2024		X		X					
	T-12 (1-2)			8/29/2024		X		X					
	T-12 (2-3)			8/29/2024		X		X					
	T-12 (3-4)			8/29/2024		X		X					
	T-12 (4-5)			8/29/2024		X		X					
	T-12 (5-6)			8/29/2024		X		X					
T-13 (0-1)			8/29/2024		X		X						
Relinquished by: William Erlendson				Date: 8/30/24	Time: 11:20	Received by: [Signature]				Date: 8/30/24	Time: 11:20		
Relinquished by:				Date:	Time:	Received by:				Date:	Time:		
Relinquished by:				Date:	Time:	Received by:				Date:	Time:		

LAB USE ONLY												
REMARKS:												
Sample Temperature												
☐ RUSH: Same Day 24 hr 48 hr 72 hr												
☐ Rush Charges Authorized												
☐ Special Report Limits or TRRP Report												

ANALYSIS REQUEST (Circle or Specify Method No.)												
BTEX 8021B BTEX 8260B												
TPH TX1005 (Ext to C35)												
TPH 8015M (GRO - DRO - ORO - 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 300.0												
Chloride Sulfate TDS												
General Water Chemistry (see attached list)												
Anion/Cation Balance												

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

47929

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9/9/2024

Client Name:		TetraTech				Site Manager:		Brittany Long															
Project Name:		Solaris Daisy SWD				Project #:																	
Project Location: (county, state)		Eddy County, NM				212C-MD-03409																	
Invoice to:		Solaris attn: Rob Kirk				Sampler Signature: William Erlandson																	
Receiving Laboratory:		EuroFins				Comments:																	
LAB # (LAB USE ONLY)		SAMPLE IDENTIFICATION				SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS		FILTERED (Y/N)									
						YEAR																	
						DATE		TIME		WATER		SOIL		HCL		HNO ₃		ICE					
T-13 (1-2)						8/29/2024				X													
T-13 (2-3)						8/29/2024				X													
T-13 (3-4)						8/29/2024				X													
T-13 (4-5)						8/29/2024				X													
T-13 (5-6)						8/29/2024				X													
T-14 (0-1)						8/29/2024				X													
T-14 (1-2)						8/29/2024				X													
T-14 (2-3)						8/29/2024				X													
T-14 (3-4)						8/29/2024				X													
T-14 (4-5)						8/29/2024				X													
Relinquished by:		William Erlandson				Date:		Time:		Received by:		Date:		Time:									
Relinquished by:						Date:		Time:		Received by:		Date:		Time:									
Relinquished by:						Date:		Time:		Received by:		Date:		Time:									

LAB USE ONLY		REMARKS:	
Sample Temperature			
☐ RUSH: Same Day			
☐ Rush Charges Authorized			
☐ Special Report Limits or TRRP Report			

ANALYSIS REQUEST

(Circle or Specify Method No.)

Method No.	Method Name	Sample	Analysis	Remarks
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	300.0			
Chloride Sulfate TDS				
General Water Chemistry	(see attached list)			
Anion/Cation Balance				
Hold				

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Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-47929-1
SDG Number: Eddy County, NM

Login Number: 47929

List Number: 1

Creator: Vasquez, Julisa

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	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 454349

QUESTIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 454349
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2324744996
Incident Name	NAPP2324744996 DAISY WATER REUSE LINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	DAISY WATER REUSE LINE
Date Release Discovered	09/03/2023
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 350 BBL Recovered: 150 BBL Lost: 200 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 454349

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 454349
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Lauren Bean Title: Senior Engineering Tech Email: lauren.bean@ariswater.com Date: 04/25/2025

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

General Information
Phone: (505) 629-6116

Online Phone Directory
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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, Page 3

Action 454349

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 454349
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (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	Zero feet, overlying, or within area
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 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	Between 1000 (ft.) and ½ (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	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	4180
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	06/15/2025
On what date will (or did) the final sampling or liner inspection occur	07/15/2025
On what date will (or was) the remediation complete(d)	08/01/2025
What is the estimated surface area (in square feet) that will be reclaimed	100948
What is the estimated volume (in cubic yards) that will be reclaimed	1869
What is the estimated surface area (in square feet) that will be remediated	238412
What is the estimated volume (in cubic yards) that will be remediated	17185
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 454349

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 454349
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
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	Not answered.
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	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff
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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Lauren Bean Title: Senior Engineering Tech Email: lauren.bean@ariswater.com Date: 04/28/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 454349

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 454349
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 454349

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 454349
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

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CONDITIONS

Action 454349

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 454349
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Due to the sensitive nature of the release location and the site being located within high karst, the site will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. Please collect confirmation samples, representing no more than 200 ft ² . All off-pad areas must meet reclamation standards in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed.	5/19/2025