

SITE INFORMATION

Report Type: Work Plan nAPP2307047906

General Site Information:

Site:	Convoy Central CTB					
Company:	EOG Resources					
Section, Township and Range	Unit G	Sec. 28	T 24S	R 33E		
Lease Number:						
County:	Lea County					
GPS:	32.192135°			-103.576488°		
Surface Owner:	State					
Mineral Owner:						
Directions:	From intersection NM-128 and CR-2, travel south on 2 for 1.42 miles. Turn right (west) onto lease road, follow for 0.49 miles. Turn left (south) onto location.					

Release Data:

Date Released:	12/27/2022
Type Release:	Crude Oil
Source of Contamination:	Cracked Weld
Fluid Released:	5 bbl oil
Fluids Recovered:	0 bbl

Official Communication:

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

Site Characterization

Depth to Groundwater:	70' bgs
Karst Potential:	Low

Recommended Remedial Action Levels (RRALs)

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

Remediation Plan approved with conditions -
see page 18 of report - 06/21/2023. *NV*



June 13, 2023

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

**RE: Remediation Work Plan
EOG Resources
Convoy Central CTB
Lea County, New Mexico
nAPP2307047906**

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the Convoy Central CTB release, Unit G, Section 28, Township 24 South, Range 33 East, Lea County, New Mexico (Site). The spill site coordinates are 32.192135°, -103.576488°. 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 developed crack in a weld on the discharge pipe, causing the release of 5 bbls of crude oil. The release was sprayed on the ground on the pad surrounding the equipment onsite, impacting an area of 50' in length and 35' in width. Additionally, none of fluids were recovered. On December 27, 2022, the release was discovered, due to an inaccurate initial determination of the amount released and thought to be under 5 barrels, it was not reported immediately. Once the release was reevaluated and determined to be greater than 5 barrels, it was reported to the New Mexico Oil Conservation Division (NMOCD) on March 11, 2023. 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. Additionally, the site is located in a low karst area. The NFHL Map, USGS Mapper, and Karst map 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 the Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 120 ft bgs and measured water level of 70 ft bgs and is approximately 0.77 miles of the Site. The well reported on the USGS National Water Information System reports a water level measured at 94.35 ft bgs and is approximately 1.43 miles of the Site. The groundwater information is shown in **Appendix B**.

Distance from Site	Date of Data	Resource of Information	Depth of Well	Depth to Water
0.77 Miles	12/31/1890	NMOSE	120'	70'
1.43 Miles	03/01/1996	USGS	-	94.35'

Regulatory

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

Site Assessment Activities

Tetra Tech conducted site assessment activities on January 5, 2023. A total of three (3) auger holes (AH-1 through AH-3) were installed to depths ranging from surface to 2.5 ft bgs, to attempt to assess and vertically delineate the impacted the area. Deeper samples were not collected due to dense geological formation. Additionally, a total of six (6) horizontals (H-1 through H-6) were installed to total depths of 0.5 ft bgs, to horizontally delineate the impact. The impact and sample locations are shown on **Figure 3**.

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 1** and the analytical laboratory reports are included in **Appendix C**.



Referring to Table 1, all auger holes (AH-1 through AH-3) did not indicate chloride concentrations above RRALs. However, auger holes (AH-1 and AH-3) indicated TPH concentrations above RRALs, with concentrations ranging from 103 mg/kg to 7,180 mg/kg at depths ranging from surface to 2.5 ft bgs. Auger hole (AH-3) indicated benzene and BTEX concentrations above RRALs, with a benzene concentration of 20.4 mg/kg at surface and BTEX concentrations ranging from 99.9 mg/kg to 213 mg/kg, at depths ranging from surface to 2.5 ft bgs. Vertical delineation of TPH and BTEX was not found in the auger (AH-3) due to hitting refusal due to the dense geological formation. Additionally, Horizontals (H-1 through H-6) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.

Work Plan

Based on the C-141 (nAPP2307047906) and information provided by EOG, Tetra Tech performed site characterization and groundwater research to determine groundwater depth, proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the *OCD Guidelines for Remediation of Leaks, Spills, and Releases*, updated August 14, 2018, according to the groundwater data found during research activities, the RRALs that will be followed for the site, will be held to 600 mg/kg for chlorides, and 100 mg/kg (GRO + DRO + ORO) for TPH. Based on Tetra Tech assessment activities, laboratory results indicated TPH and BTEX concentrations above RRALs, throughout the impact area, in total depths ranging from surface to 2.5 ft bgs.

Due to construction taking place on the pad and around the release area, the remediation has been unable to be completed safely. Now that construction of the pad has been completed, EOG proposes to vertically delineate the area of auger hole (AH-3) by installing one (1) trench with a backhoe during remediation activities. Following the delineation, and based on the collected data and determined RRALs, EOG will remediate the impacted areas to the most stringent RRALs, as determined by the delineation activities. The impacted area subject to delineation and remediation is indicated in **Table 1**. Following excavation, 5-point composite confirmation bottom hole and sidewall samples will be installed within the remediated areas on a 200 square foot basis. All proposed activities are proposed to be completed within 60 days. The C-141 is included in **Appendix A**. The state correspondence requesting this work plan is shown in **Appendix D**.

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



 APPROXIMATE SITE LOCATION

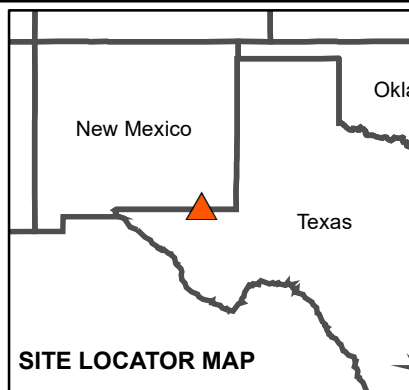
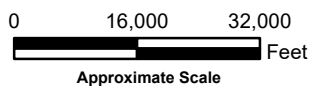


FIGURE 1
SITE OVERVIEW
CONVOY CENTRAL CTB
LEA COUNTY, NEW MEXICO
32.192345°, -103.576356°

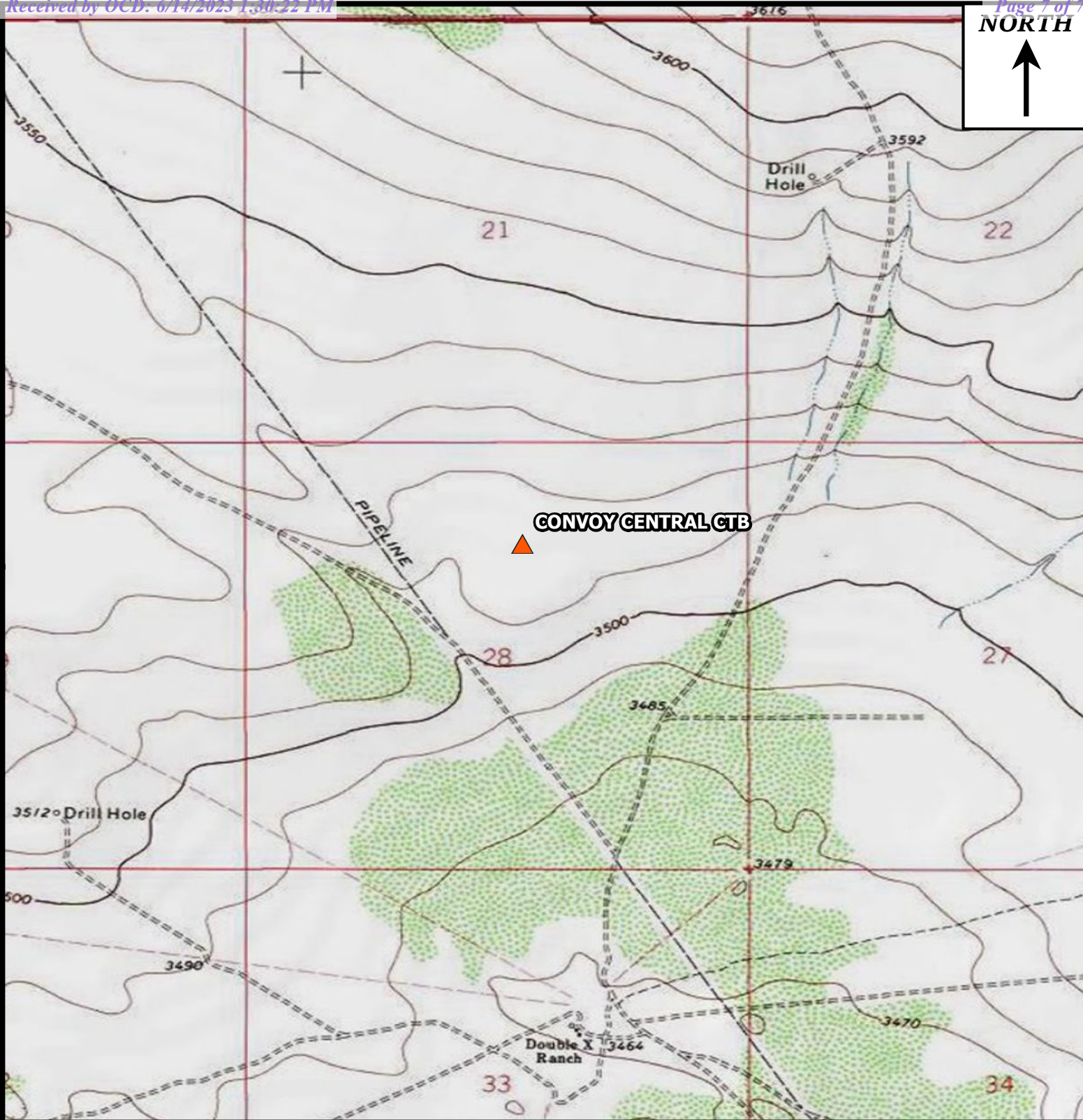
Project: 212C-MD-02768

Date: 2/10/2023

Name: Figure 1 - Convo Central CTB



Service Layer Credits: World Street Map, ESRI.



▲ APPROXIMATE SITE LOCATION

0 1,100 2,200
Feet
Approximate Scale



FIGURE 2
TOPOGRAPHIC MAP
CONVOY CENTRAL CTB
LEA COUNTY, NEW MEXICO
32.192345°, -103.576356°

Project: 212C-MD-02768

Date: 2/10/2023

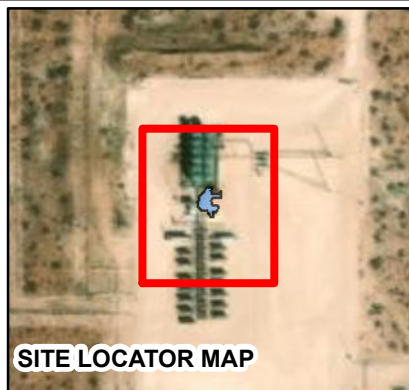
Name: Figure 2 - Convoy Central CTB





- AUGERHOLE SAMPLE LOCATIONS
- HORIZONTAL SAMPLE LOCATIONS
- UTILITIES AND INFRASTRUCTURE
- RELEASE EXTENT

0 20 40
Feet
Approximate Scale



SITE LOCATOR MAP



FIGURE 3
SITE ASSESSMENT MAP
CONVOY CENTRAL CTB
LEA COUNTY, NEW MEXICO
32.192345°, -103.576356°

Project: 212C-MD-02768

Date: 2/10/2023

Name: Figure 3 - Convo Central CTB





Tables

Table 1
EOG Resources
Convoy Central CTB
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	
RRALs						100 mg/kg		10 mg/kg				50 mg/kg		600 mg/kg
AH-1	1/5/2023	0-1	X	-	<50.0	<50.0	<50.0	<50.0	0.0135	0.374	0.195	0.852	1.43	54.5
	"	1-1.5	X	-	<49.9	103	<49.9	103	0.0373	0.0896	0.229	0.933	1.29	120
	"	2-2.5	X	-	<50.0	82.3	<50.0	82.3	0.0252	0.0894	0.151	0.591	0.857	106
AH-2	1/5/2023	0-1	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	53.8
	"	1-1.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00300	<0.00199	0.00860	0.0116	159
	"	2-2.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	142
AH-3	1/5/2023	0-1	X	-	2,830	3,850	503	7,180	20.4	138	39.0	150	213	56.1
	"	1-1.5	X	-	654	1,520	177	2,350	2.62	36.3	13.9	47.1	99.9	92.1
	"	2-2.5	X	-	423	642	<49.8	1,070	1.92	30.8	16.2	55.5	104	110
H-1	1/5/2023	0-0.5	X	-	<49.9	<49.9	<49.9	<49.9	0.00565	0.00255	<0.00202	0.00995	0.0182	59.9
H-2	1/5/2023	0-0.5	X	-	<49.8	84.9	<49.8	84.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	153
H-3	1/5/2023	0-0.5	X	-	<49.9	<49.9	<49.9	<49.9	0.0122	0.00656	<0.00200	<0.00399	0.0212	92.8
H-4	1/5/2023	0-0.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	91.9
H-5	1/5/2023	0-0.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.8
H-6	1/5/2023	0-0.5	X	-	<49.9	<49.9	<49.9	<49.9	0.00669	<0.00199	<0.00199	<0.00398	0.00669	85.6

NOTES

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

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

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

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

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

Exceedance



Photographic Documentation

EOG Resources
Convoy Central CTB
Lea County, New Mexico



View of Release Area – View Southeast



View of Release Area – View North



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	nAPP2307047906
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2307047906
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.192135° Longitude -103.576488°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Convoy Central CTB	Site Type Tank Battery
Date Release Discovered 12/27/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
G	28	24S	33E	Lea

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

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) 5	Volume Recovered (bbls) 0
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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: The weld on the discharge pipe developed a crack and sprayed oil on the ground surrounding it on the pad. Initially the release was estimated to be less than 5 bbls. Following the soil assessment the release volume was revised to approximately 5 bbls of oil released on the pad with 0 bbls recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2307047906
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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 	

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: <u>Todd Wells</u>	Title: <u>Environmental Specialist</u>
Signature: <u>Todd Wells</u>	Date: <u>3-11-23</u>
email: <u>Todd_Wells@eogresources.com</u>	Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>03/13/2023</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Incident ID	
District RP	
Facility ID	
Application ID	

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: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved
see text box below - 06/21/2023 NV

Signature: Nelson Velez Date: 06/21/2023

1. OCD recommends drilling an exploratory boring to at least 55 feet (ft.) below ground surface (bgs) as close to the point of release in order to determine if depth to water is less than 50 ft. bgs.
2. Operator required to establish vertical extent at AH-3.
3. Remediation Due date set for 60-days after this approval with conditions (08/21/2023).



Appendix B

Site Characterization Documents

Site Characterization Summary

Site Information:

EOG Resources
Convoy Central CTB
Lea County, New Mexico
T24S, R33E, Section 28, Unit B
(32.192313°, -103.576357°)
634195.27 m E, 3562640.79 m N

Site Characterization:

- Low Karst
- No significant water features within specified distances
- Groundwater 70' BGS 0.77 Miles. (NMOSE, Section 33, 1890 Sample)
- Groundwater 94.35' BGS 1.43 Miles South. (USGS, Section 33, 1996 Sample)

RRALs:

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

Explanation:

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



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 02310	2	4	2	33	24S	33E	634420	3560893 
Driller License:		Driller Company:							
Driller Name:		UNKNOWN							
Drill Start Date:		01/01/1890		Drill Finish Date:		12/31/1890		Plug Date:	
Log File Date:				PCW Rev Date:				Source:	
Pump Type:				Pipe Discharge Size:				Estimated Yield:	
Casing Size:		8.50		Depth Well:		120 feet		Depth Water:	
								60 GPM	
								70 feet	

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.

1/26/23 5:10 PM

POINT OF DIVERSION SUMMARY



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface[USGS Water Resources](#)

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321017103343201

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321017103343201 24S.33E.33.23231

Lea County, New Mexico

Latitude 32°10'17", Longitude 103°34'32" NAD27

Land-surface elevation 3,475 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1954-03-17			D	62610	3380.19	NGVD29	1	Z		
1954-03-17			D	62611	3381.85	NAVD88	1	Z		
1954-03-17			D	72019	93.15		1	Z		
1976-01-22			D	62610	3381.29	NGVD29	1	Z		
1976-01-22			D	62611	3382.95	NAVD88	1	Z		
1976-01-22			D	72019	92.05		1	Z		
1981-03-20			D	62610	3380.53	NGVD29	1	Z		
1981-03-20			D	62611	3382.19	NAVD88	1	Z		
1981-03-20			D	72019	92.81		1	Z		
1986-03-11			D	62610	3378.77	NGVD29	1	Z		
1986-03-11			D	62611	3380.43	NAVD88	1	Z		
1986-03-11			D	72019	94.57		1	Z		
1991-06-06			D	62610	3378.72	NGVD29	1	Z		
1991-06-06			D	62611	3380.38	NAVD88	1	Z		
1991-06-06			D	72019	94.62		1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1996-03-01			D	62610	3378.99	NGVD29	1		S	
1996-03-01			D	62611	3380.65	NAVD88	1		S	
1996-03-01			D	72019	94.35		1		S	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
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.

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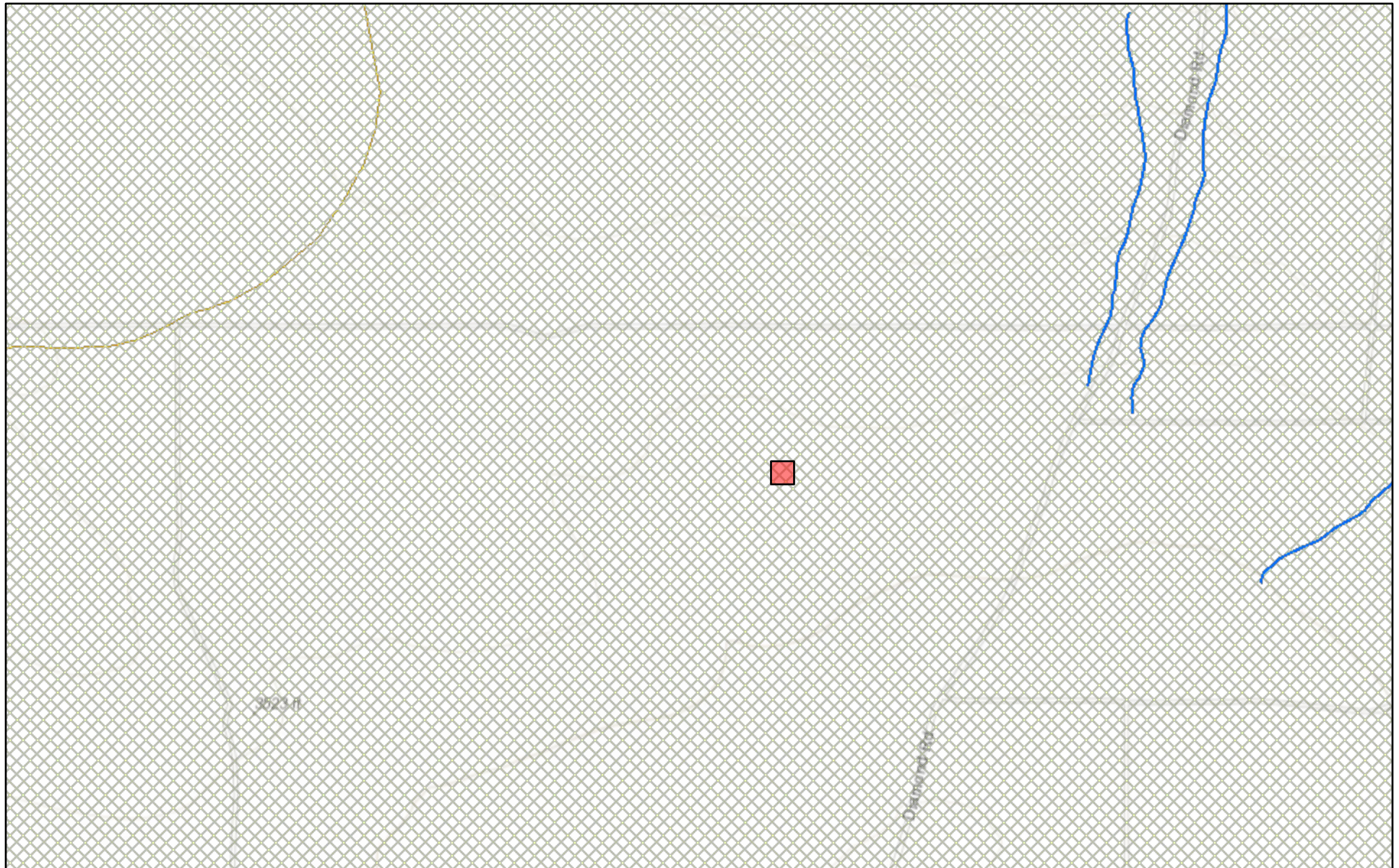
Accessibility FOIA Privacy Policies and Notices
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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



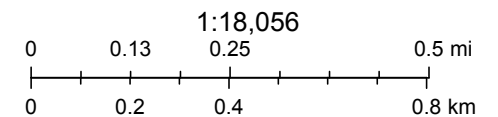
Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2023-01-27 01:22:39 EST
0.28 0.24 nadww01



New Mexico NFHL Data



January 26, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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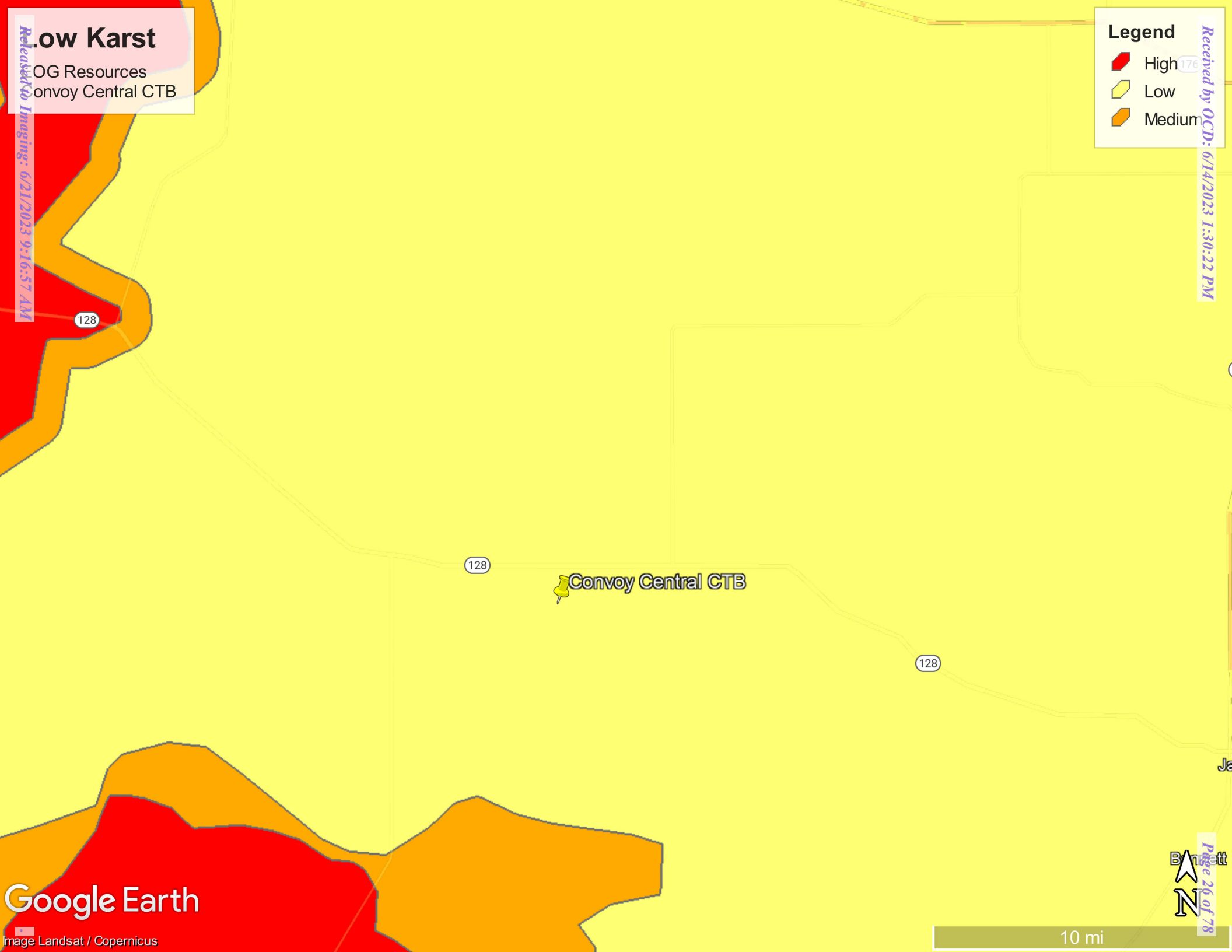
Low Karst
OG Resources
Convoy Central CTB

Released to Imaging: 6/21/2023 9:16:57 AM

Legend

- High
- Low
- Medium

Received by OCD: 6/14/2023 1:30:22 PM





Appendix C

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 1/19/2023 1:48:38 PM

JOB DESCRIPTION

Convoy Central CTB
SDG NUMBER Lea County NM

JOB NUMBER

890-3772-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad**Job Notes**

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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1/19/2023 1:48:38 PM

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

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Laboratory Job ID: 890-3772-1
SDG: Lea County NM

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Job ID: 890-3772-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3772-1

Receipt

The samples were received on 1/5/2023 1:41 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 16.1°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (890-3772-1), H-2 (890-3772-2), H-3 (890-3772-3), H-4 (890-3772-4), H-5 (890-3772-5), H-6 (890-3772-6), AH-1 (0-1') (890-3772-7), AH-1 (1-1.5') (890-3772-8), AH-1 (2-2.5') (890-3772-9), AH-2 (0-1') (890-3772-10), AH-2 (1-1.5') (890-3772-11), AH-2 (2-2.5') (890-3772-12), AH-3 (0-1') (890-3772-13), AH-3 (1-1.5') (890-3772-14) and AH-3 (2-2.5') (890-3772-15).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: AH-1 (0-1') (890-3772-7), AH-3 (0-1') (890-3772-13), AH-3 (1-1.5') (890-3772-14) and AH-3 (2-2.5') (890-3772-15). 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: AH-1 (1-1.5') (890-3772-8). 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: AH-1 (2-2.5') (890-3772-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: AH-3 (1-1.5') (890-3772-14) and AH-3 (2-2.5') (890-3772-15). 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.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-43699 and analytical batch 880-43692 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-43712 and analytical batch 880-43694 was outside the upper control limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-43713 and analytical batch 880-43779 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-43713/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43540 and analytical batch 880-43613 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.

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

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: H-1

Lab Sample ID: 890-3772-1

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00565		0.00202		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
Toluene	0.00255		0.00202		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
m-Xylene & p-Xylene	0.00520		0.00403		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
o-Xylene	0.00475		0.00202		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
Xylenes, Total	0.00995		0.00403		mg/Kg		01/09/23 10:59	01/12/23 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	01/09/23 10:59	01/12/23 22:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/09/23 10:59	01/12/23 22:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0182		0.00403		mg/Kg			01/13/23 08:07	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			01/11/23 17:26	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		01/11/23 08:24	01/11/23 10:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 10:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 10:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/11/23 08:24	01/11/23 10:56	1
o-Terphenyl	100		70 - 130				01/11/23 08:24	01/11/23 10:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.9		4.99		mg/Kg			01/11/23 14:47	1

Client Sample ID: H-2

Lab Sample ID: 890-3772-2

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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		01/09/23 10:59	01/12/23 22:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/12/23 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/09/23 10:59	01/12/23 22:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/09/23 10:59	01/12/23 22:37	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: H-2

Lab Sample ID: 890-3772-2

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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			01/13/23 08:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	84.9		49.8		mg/Kg			01/11/23 17:26	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	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:02	1
Diesel Range Organics (Over C10-C28)	84.9		49.8		mg/Kg		01/11/23 08:24	01/11/23 12:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				01/11/23 08:24	01/11/23 12:02	1
o-Terphenyl	105		70 - 130				01/11/23 08:24	01/11/23 12:02	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		5.01		mg/Kg			01/11/23 15:06	1

Client Sample ID: H-3

Lab Sample ID: 890-3772-3

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0122		0.00200		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
Toluene	0.00656		0.00200		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
o-Xylene	0.00247		0.00200		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/09/23 10:59	01/12/23 22:58	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/09/23 10:59	01/12/23 22:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0212		0.00399		mg/Kg			01/13/23 08:07	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			01/11/23 17:26	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		01/11/23 08:24	01/11/23 12:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 12:24	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: H-3

Lab Sample ID: 890-3772-3

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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		01/11/23 08:24	01/11/23 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				01/11/23 08:24	01/11/23 12:24	1
o-Terphenyl	123		70 - 130				01/11/23 08:24	01/11/23 12:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.8		5.00		mg/Kg			01/11/23 15:12	1

Client Sample ID: H-4

Lab Sample ID: 890-3772-4

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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		01/09/23 10:59	01/12/23 23:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/09/23 10:59	01/12/23 23:18	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/09/23 10:59	01/12/23 23:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/23 08:07	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			01/11/23 17:26	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	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/11/23 08:24	01/11/23 12:47	1
o-Terphenyl	117		70 - 130				01/11/23 08:24	01/11/23 12:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.9		5.02		mg/Kg			01/11/23 15:18	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: H-5

Lab Sample ID: 890-3772-5

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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		01/09/23 10:59	01/12/23 23:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/09/23 10:59	01/12/23 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/09/23 10:59	01/12/23 23:39	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/09/23 10:59	01/12/23 23:39	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			01/13/23 08:07	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			01/11/23 17:26	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		01/11/23 08:24	01/11/23 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 13:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	01/11/23 08:24	01/11/23 13:09	1
o-Terphenyl	115		70 - 130	01/11/23 08:24	01/11/23 13:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.8		5.01		mg/Kg			01/11/23 15:24	1

Client Sample ID: H-6

Lab Sample ID: 890-3772-6

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00669		0.00199		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/12/23 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/09/23 10:59	01/12/23 23:59	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/09/23 10:59	01/12/23 23:59	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: H-6

Lab Sample ID: 890-3772-6

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00669		0.00398		mg/Kg			01/13/23 08:07	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			01/11/23 17:26	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		01/11/23 08:24	01/11/23 13:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 13:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				01/11/23 08:24	01/11/23 13:32	1
o-Terphenyl	118		70 - 130				01/11/23 08:24	01/11/23 13:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.6		5.00		mg/Kg			01/11/23 15:30	1

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

Lab Sample ID: 890-3772-7

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0135		0.00199		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
Toluene	0.374		0.00199		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
Ethylbenzene	0.195		0.00199		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
m-Xylene & p-Xylene	0.599		0.00398		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
o-Xylene	0.253		0.00199		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
Xylenes, Total	0.852		0.00398		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				01/09/23 10:59	01/13/23 00:19	1
1,4-Difluorobenzene (Surr)	103		70 - 130				01/09/23 10:59	01/13/23 00:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.43		0.00398		mg/Kg			01/13/23 08:07	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			01/12/23 14:52	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		01/11/23 09:44	01/12/23 02:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 02:31	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3772-7

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

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		01/11/23 09:44	01/12/23 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				01/11/23 09:44	01/12/23 02:31	1
o-Terphenyl	121		70 - 130				01/11/23 09:44	01/12/23 02:31	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.5	F1	5.00		mg/Kg			01/11/23 15:36	1

Client Sample ID: AH-1 (1-1.5')

Lab Sample ID: 890-3772-8

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0373		0.00200		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
Toluene	0.0896		0.0198		mg/Kg		01/13/23 10:20	01/13/23 14:01	10
Ethylbenzene	0.229		0.00200		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
m-Xylene & p-Xylene	0.662		0.00399		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
o-Xylene	0.271		0.00200		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
Xylenes, Total	0.933		0.00399		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/09/23 10:59	01/13/23 00:40	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/09/23 10:59	01/13/23 00:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.29		0.00399		mg/Kg			01/13/23 08:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	103		49.9		mg/Kg			01/12/23 14:52	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		01/11/23 09:44	01/12/23 02:53	1
Diesel Range Organics (Over C10-C28)	103		49.9		mg/Kg		01/11/23 09:44	01/12/23 02:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 09:44	01/12/23 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				01/11/23 09:44	01/12/23 02:53	1
o-Terphenyl	122		70 - 130				01/11/23 09:44	01/12/23 02:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.02		mg/Kg			01/11/23 16:03	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: AH-1 (2-2.5')

Lab Sample ID: 890-3772-9

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 1 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0252		0.00201		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
Toluene	0.0894		0.0199		mg/Kg		01/13/23 10:20	01/13/23 14:22	10
Ethylbenzene	0.151		0.00201		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
m-Xylene & p-Xylene	0.428		0.00402		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
o-Xylene	0.163		0.00201		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
Xylenes, Total	0.591		0.00402		mg/Kg		01/09/23 10:59	01/13/23 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/09/23 10:59	01/13/23 01:00	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/09/23 10:59	01/13/23 01:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.857		0.00402		mg/Kg			01/13/23 08:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	82.3		50.0		mg/Kg			01/12/23 14:52	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		01/11/23 09:44	01/12/23 03:14	1
Diesel Range Organics (Over C10-C28)	82.3		50.0		mg/Kg		01/11/23 09:44	01/12/23 03:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	01/11/23 09:44	01/12/23 03:14	1
o-Terphenyl	109		70 - 130	01/11/23 09:44	01/12/23 03:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.00		mg/Kg			01/11/23 16:09	1

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

Lab Sample ID: 890-3772-10

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 2 - 2.5

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		01/09/23 10:59	01/13/23 01:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/09/23 10:59	01/13/23 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/09/23 10:59	01/13/23 01:21	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3772-10

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 2 - 2.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	81		70 - 130	01/09/23 10:59	01/13/23 01:21	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			01/13/23 08:07	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			01/12/23 14:52	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		01/11/23 09:44	01/12/23 03:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 03:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				01/11/23 09:44	01/12/23 03:36	1
o-Terphenyl	118		70 - 130				01/11/23 09:44	01/12/23 03:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.8		4.98		mg/Kg			01/11/23 16:27	1

Client Sample ID: AH-2 (1-1.5')

Lab Sample ID: 890-3772-11

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 0 - 3.5

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		01/09/23 10:59	01/13/23 02:44	1
Toluene	0.00300		0.00199		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
m-Xylene & p-Xylene	0.00474		0.00398		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
o-Xylene	0.00386		0.00199		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
Xylenes, Total	0.00860		0.00398		mg/Kg		01/09/23 10:59	01/13/23 02:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	01/09/23 10:59	01/13/23 02:44	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/09/23 10:59	01/13/23 02:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0116		0.00398		mg/Kg			01/13/23 08:07	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			01/12/23 14:52	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: AH-2 (1-1.5')

Lab Sample ID: 890-3772-11

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 0 - 3.5

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		01/11/23 09:44	01/12/23 03:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 09:44	01/12/23 03:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 09:44	01/12/23 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				01/11/23 09:44	01/12/23 03:58	1
o-Terphenyl	107		70 - 130				01/11/23 09:44	01/12/23 03:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		4.95		mg/Kg			01/11/23 16:33	1

Client Sample ID: AH-2 (2-2.5')

Lab Sample ID: 890-3772-12

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 1 - 4.5

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		01/09/23 10:59	01/13/23 03:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				01/09/23 10:59	01/13/23 03:04	1
1,4-Difluorobenzene (Surr)	85		70 - 130				01/09/23 10:59	01/13/23 03:04	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			01/13/23 08:07	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			01/12/23 14:52	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		01/11/23 09:44	01/12/23 04:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 04:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 04:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/11/23 09:44	01/12/23 04:19	1
o-Terphenyl	99		70 - 130				01/11/23 09:44	01/12/23 04:19	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: AH-2 (2-2.5')

Lab Sample ID: 890-3772-12

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 1 - 4.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		5.00		mg/Kg			01/11/23 16:40	1

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

Lab Sample ID: 890-3772-13

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	20.4		0.199		mg/Kg		01/09/23 10:59	01/13/23 05:07	100
Toluene	138		1.99		mg/Kg		01/18/23 08:29	01/18/23 15:20	1000
Ethylbenzene	39.0		0.499		mg/Kg		01/13/23 10:20	01/13/23 14:42	250
m-Xylene & p-Xylene	115		0.998		mg/Kg		01/13/23 10:20	01/13/23 14:42	250
o-Xylene	38.2		0.199		mg/Kg		01/09/23 10:59	01/13/23 05:07	100
Xylenes, Total	150		0.998		mg/Kg		01/13/23 10:20	01/13/23 14:42	250
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	212	S1+	70 - 130				01/09/23 10:59	01/13/23 05:07	100
1,4-Difluorobenzene (Surr)	98		70 - 130				01/09/23 10:59	01/13/23 05:07	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	213		0.998		mg/Kg			01/13/23 08:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7180		49.9		mg/Kg			01/12/23 14:52	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	2830		49.9		mg/Kg		01/11/23 09:44	01/12/23 04:40	1
Diesel Range Organics (Over C10-C28)	3850		49.9		mg/Kg		01/11/23 09:44	01/12/23 04:40	1
Oil Range Organics (Over C28-C36)	503		49.9		mg/Kg		01/11/23 09:44	01/12/23 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				01/11/23 09:44	01/12/23 04:40	1
o-Terphenyl	101		70 - 130				01/11/23 09:44	01/12/23 04:40	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.1		4.99		mg/Kg			01/11/23 16:46	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: AH-3 (1-1.5')

Lab Sample ID: 890-3772-14

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 1 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.62		0.199		mg/Kg		01/09/23 10:59	01/13/23 05:28	100
Toluene	36.3		0.402		mg/Kg		01/13/23 10:20	01/13/23 15:02	200
Ethylbenzene	13.9		0.199		mg/Kg		01/09/23 10:59	01/13/23 05:28	100
m-Xylene & p-Xylene	34.3		0.398		mg/Kg		01/09/23 10:59	01/13/23 05:28	100
o-Xylene	12.8		0.199		mg/Kg		01/09/23 10:59	01/13/23 05:28	100
Xylenes, Total	47.1		0.398		mg/Kg		01/09/23 10:59	01/13/23 05:28	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	01/09/23 10:59	01/13/23 05:28	100
1,4-Difluorobenzene (Surr)	108		70 - 130	01/09/23 10:59	01/13/23 05:28	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	99.9		0.398		mg/Kg			01/13/23 08:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2350		49.9		mg/Kg			01/12/23 14:52	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	654		49.9		mg/Kg		01/11/23 09:44	01/12/23 05:01	1
Diesel Range Organics (Over C10-C28)	1520		49.9		mg/Kg		01/11/23 09:44	01/12/23 05:01	1
Oil Range Organics (Over C28-C36)	177		49.9		mg/Kg		01/11/23 09:44	01/12/23 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	01/11/23 09:44	01/12/23 05:01	1
o-Terphenyl	107		70 - 130	01/11/23 09:44	01/12/23 05:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.1		5.01		mg/Kg			01/11/23 16:52	1

Client Sample ID: AH-3 (2-2.5')

Lab Sample ID: 890-3772-15

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 2 - 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.92		0.200		mg/Kg		01/09/23 10:59	01/13/23 05:49	100
Toluene	30.8		0.403		mg/Kg		01/13/23 10:20	01/13/23 15:23	200
Ethylbenzene	16.2		0.200		mg/Kg		01/09/23 10:59	01/13/23 05:49	100
m-Xylene & p-Xylene	40.2		0.399		mg/Kg		01/09/23 10:59	01/13/23 05:49	100
o-Xylene	15.3		0.200		mg/Kg		01/09/23 10:59	01/13/23 05:49	100
Xylenes, Total	55.5		0.399		mg/Kg		01/09/23 10:59	01/13/23 05:49	100

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: AH-3 (2-2.5')

Lab Sample ID: 890-3772-15

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 2 - 2.5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				01/09/23 10:59	01/13/23 05:49	100
1,4-Difluorobenzene (Surr)	100		70 - 130				01/09/23 10:59	01/13/23 05:49	100
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	104		0.399		mg/Kg			01/13/23 08:07	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1070		49.8		mg/Kg			01/13/23 12:46	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	423		49.8		mg/Kg		01/11/23 09:47	01/13/23 00:26	1
Diesel Range Organics (Over C10-C28)	642	*1	49.8		mg/Kg		01/11/23 09:47	01/13/23 00:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 09:47	01/13/23 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/11/23 09:47	01/13/23 00:26	1
o-Terphenyl	101		70 - 130				01/11/23 09:47	01/13/23 00:26	1
Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.97		mg/Kg			01/11/23 16:58	1

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Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-3772-1	H-1	74	91
890-3772-1 MS	H-1	116	89
890-3772-1 MSD	H-1	123	98
890-3772-2	H-2	97	89
890-3772-3	H-3	94	100
890-3772-4	H-4	97	91
890-3772-5	H-5	97	79
890-3772-6	H-6	97	93
890-3772-7	AH-1 (0-1')	150 S1+	103
890-3772-8	AH-1 (1-1.5')	117	109
890-3772-9	AH-1 (2-2.5')	103	92
890-3772-10	AH-2 (0-1')	111	81
890-3772-11	AH-2 (1-1.5')	70	92
890-3772-12	AH-2 (2-2.5')	98	85
890-3772-13	AH-3 (0-1')	212 S1+	98
890-3772-14	AH-3 (1-1.5')	133 S1+	108
890-3772-15	AH-3 (2-2.5')	144 S1+	100
890-3781-A-1-D MS	Matrix Spike	110	106
890-3781-A-1-E MSD	Matrix Spike Duplicate	108	104
890-3860-A-1-E MS	Matrix Spike	127	101
890-3860-A-1-F MSD	Matrix Spike Duplicate	114	99
LCS 880-43511/1-A	Lab Control Sample	110	100
LCS 880-43654/1-A	Lab Control Sample	108	103
LCS 880-44226/1-A	Lab Control Sample	89	104
LCSD 880-43511/2-A	Lab Control Sample Dup	93	106
LCSD 880-43654/2-A	Lab Control Sample Dup	102	104
LCSD 880-44226/2-A	Lab Control Sample Dup	112	99
MB 880-43511/5-A	Method Blank	85	87
MB 880-43542/5-A	Method Blank	76	84
MB 880-43654/5-A	Method Blank	106	103
MB 880-44226/5-A	Method Blank	82	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-23565-A-1-C MS	Matrix Spike	96	88
880-23565-A-1-D MSD	Matrix Spike Duplicate	85	77
890-3772-1	H-1	94	100
890-3772-1 MS	H-1	104	96
890-3772-1 MSD	H-1	107	98
890-3772-2	H-2	105	105
890-3772-3	H-3	122	123
890-3772-4	H-4	115	117

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Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
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)
890-3772-5	H-5	115	115
890-3772-6	H-6	121	118
890-3772-7	AH-1 (0-1')	112	121
890-3772-8	AH-1 (1-1.5')	116	122
890-3772-9	AH-1 (2-2.5')	103	109
890-3772-10	AH-2 (0-1')	112	118
890-3772-11	AH-2 (1-1.5')	101	107
890-3772-12	AH-2 (2-2.5')	94	99
890-3772-13	AH-3 (0-1')	119	101
890-3772-14	AH-3 (1-1.5')	116	107
890-3772-15	AH-3 (2-2.5')	102	101
890-3781-A-21-D MS	Matrix Spike	87	82
890-3781-A-21-E MSD	Matrix Spike Duplicate	105	94
LCS 880-43699/2-A	Lab Control Sample	105	100
LCS 880-43712/2-A	Lab Control Sample	103	99
LCS 880-43713/2-A	Lab Control Sample	125	108
LCSD 880-43699/3-A	Lab Control Sample Dup	120	109
LCSD 880-43712/3-A	Lab Control Sample Dup	121	108
LCSD 880-43713/3-A	Lab Control Sample Dup	101	85
MB 880-43699/1-A	Method Blank	164 S1+	153 S1+
MB 880-43712/1-A	Method Blank	130	133 S1+
MB 880-43713/1-A	Method Blank	140 S1+	123

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43511/5-A

Matrix: Solid

Analysis Batch: 43785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43511

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 21:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 21:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 21:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/23 10:59	01/12/23 21:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 21:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/23 10:59	01/12/23 21:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	01/09/23 10:59	01/12/23 21:55	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/09/23 10:59	01/12/23 21:55	1

Lab Sample ID: LCS 880-43511/1-A

Matrix: Solid

Analysis Batch: 43785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43511

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1002		mg/Kg		100	70 - 130
Toluene	0.100	0.1035		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09783		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2107		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1169		mg/Kg		117	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-43511/2-A

Matrix: Solid

Analysis Batch: 43785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43511

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09524		mg/Kg		95	70 - 130	5	35
Toluene	0.100	0.09086		mg/Kg		91	70 - 130	13	35
Ethylbenzene	0.100	0.07835		mg/Kg		78	70 - 130	22	35
m-Xylene & p-Xylene	0.200	0.1642		mg/Kg		82	70 - 130	25	35
o-Xylene	0.100	0.09047		mg/Kg		90	70 - 130	25	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-3772-1 MS

Matrix: Solid

Analysis Batch: 43785

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 43511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00565		0.0990	0.08747		mg/Kg		83	70 - 130
Toluene	0.00255		0.0990	0.08936		mg/Kg		88	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3772-1 MS

Matrix: Solid

Analysis Batch: 43785

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 43511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.0990	0.07712		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.00520		0.198	0.1746		mg/Kg		86	70 - 130
o-Xylene	0.00475		0.0990	0.1009		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-3772-1 MSD

Matrix: Solid

Analysis Batch: 43785

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 43511

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00565		0.0998	0.09758		mg/Kg		92	70 - 130	11	35
Toluene	0.00255		0.0998	0.09709		mg/Kg		95	70 - 130	8	35
Ethylbenzene	<0.00202	U	0.0998	0.08848		mg/Kg		87	70 - 130	14	35
m-Xylene & p-Xylene	0.00520		0.200	0.1972		mg/Kg		96	70 - 130	12	35
o-Xylene	0.00475		0.0998	0.1134		mg/Kg		109	70 - 130	12	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-43542/5-A

Matrix: Solid

Analysis Batch: 43785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/23 12:55	01/12/23 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/09/23 12:55	01/12/23 11:20	1
1,4-Difluorobenzene (Surr)	84		70 - 130	01/09/23 12:55	01/12/23 11:20	1

Lab Sample ID: MB 880-43654/5-A

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/10/23 13:07	01/13/23 12:31	1

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-43654/5-A

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/10/23 13:07	01/13/23 12:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/10/23 13:07	01/13/23 12:31	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/10/23 13:07	01/13/23 12:31	1

Lab Sample ID: LCS 880-43654/1-A

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1099		mg/Kg		110	70 - 130
Toluene	0.100	0.1043		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2079		mg/Kg		104	70 - 130
o-Xylene	0.100	0.09906		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-43654/2-A

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43654

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1013		mg/Kg		101	70 - 130	8	35
Toluene	0.100	0.09648		mg/Kg		96	70 - 130	8	35
Ethylbenzene	0.100	0.09355		mg/Kg		94	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1919		mg/Kg		96	70 - 130	8	35
o-Xylene	0.100	0.09158		mg/Kg		92	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-3781-A-1-D MS

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43654

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1069		mg/Kg		107	70 - 130
Toluene	<0.00200	U	0.0998	0.1005		mg/Kg		100	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09709		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1998		mg/Kg		100	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09520		mg/Kg		95	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3781-A-1-D MS

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43654

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-3781-A-1-E MSD

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 43654

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	0.1072		mg/Kg		108	70 - 130	0	35
Toluene	<0.00200	U	0.0990	0.1018		mg/Kg		102	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0990	0.09867		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2033		mg/Kg		103	70 - 130	2	35
o-Xylene	<0.00200	U	0.0990	0.09649		mg/Kg		97	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-44226/5-A

Matrix: Solid

Analysis Batch: 44223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44226

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/18/23 08:29	01/18/23 11:41	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	01/18/23 08:29	01/18/23 11:41	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/18/23 08:29	01/18/23 11:41	1

Lab Sample ID: LCS 880-44226/1-A

Matrix: Solid

Analysis Batch: 44223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44226

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09903		mg/Kg		99	70 - 130
Toluene	0.100	0.09706		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.08273		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1705		mg/Kg		85	70 - 130
o-Xylene	0.100	0.09254		mg/Kg		93	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-44226/1-A

Matrix: Solid

Analysis Batch: 44223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44226

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

Lab Sample ID: LCSD 880-44226/2-A

Matrix: Solid

Analysis Batch: 44223

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44226

			Spike	LCS	LCS				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1030		mg/Kg		103	70 - 130	4	35
Toluene			0.100	0.1089		mg/Kg		109	70 - 130	12	35
Ethylbenzene			0.100	0.1053		mg/Kg		105	70 - 130	24	35
m-Xylene & p-Xylene			0.200	0.2353		mg/Kg		118	70 - 130	32	35
o-Xylene			0.100	0.1291		mg/Kg		129	70 - 130	33	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-3860-A-1-E MS

Matrix: Solid

Analysis Batch: 44223

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 44226

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.0990	0.09265		mg/Kg		94	70 - 130		
Toluene	<0.00201	U	0.0990	0.09939		mg/Kg		100	70 - 130		
Ethylbenzene	<0.00201	U	0.0990	0.09605		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2160		mg/Kg		109	70 - 130		
o-Xylene	<0.00201	U	0.0990	0.1191		mg/Kg		120	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-3860-A-1-F MSD

Matrix: Solid

Analysis Batch: 44223

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 44226

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.101	0.08187		mg/Kg		81	70 - 130	12	35
Toluene	<0.00201	U	0.101	0.08779		mg/Kg		87	70 - 130	12	35
Ethylbenzene	<0.00201	U	0.101	0.08013		mg/Kg		79	70 - 130	18	35
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1785		mg/Kg		89	70 - 130	19	35
o-Xylene	<0.00201	U	0.101	0.09776		mg/Kg		97	70 - 130	20	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-43699/1-A

Matrix: Solid

Analysis Batch: 43692

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43699

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		01/11/23 08:04	01/11/23 08:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 08:04	01/11/23 08:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 08:04	01/11/23 08:18	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	164	S1+	70 - 130				01/11/23 08:04	01/11/23 08:18	1
o-Terphenyl	153	S1+	70 - 130				01/11/23 08:04	01/11/23 08:18	1

Lab Sample ID: LCS 880-43699/2-A

Matrix: Solid

Analysis Batch: 43692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43699

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	923.6		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	908.1		mg/Kg		91	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	105		70 - 130				
o-Terphenyl	100		70 - 130				

Lab Sample ID: LCSD 880-43699/3-A

Matrix: Solid

Analysis Batch: 43692

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43699

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	988.6		mg/Kg		99	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	999.2		mg/Kg		100	70 - 130	10	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	120		70 - 130						
o-Terphenyl	109		70 - 130						

Lab Sample ID: 890-3772-1 MS

Matrix: Solid

Analysis Batch: 43692

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 43699

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	998	1094		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1047		mg/Kg		105	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3772-1 MS

Matrix: Solid

Analysis Batch: 43692

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 43699

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 890-3772-1 MSD

Matrix: Solid

Analysis Batch: 43692

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 43699

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	997	1002		mg/Kg		101	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1085		mg/Kg		109	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: MB 880-43712/1-A

Matrix: Solid

Analysis Batch: 43694

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43712

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		01/11/23 09:44	01/11/23 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/11/23 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/11/23 19:58	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	130		70 - 130	01/11/23 09:44	01/11/23 19:58	1			
o-Terphenyl	133	S1+	70 - 130	01/11/23 09:44	01/11/23 19:58	1			

Lab Sample ID: LCS 880-43712/2-A

Matrix: Solid

Analysis Batch: 43694

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43712

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	980.1		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	897.0		mg/Kg		90	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	99		70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-43712/3-A

Matrix: Solid

Analysis Batch: 43694

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43712

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	849.2		mg/Kg		85	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	1053		mg/Kg		105	70 - 130	16	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	121		70 - 130						
o-Terphenyl	108		70 - 130						

Lab Sample ID: 880-23565-A-1-C MS

Matrix: Solid

Analysis Batch: 43694

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43712

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	<49.9	U	998	941.4		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1158		mg/Kg		114	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: 880-23565-A-1-D MSD

Matrix: Solid

Analysis Batch: 43694

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 43712

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	997	1098		mg/Kg		107	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1006		mg/Kg		99	70 - 130	14	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: MB 880-43713/1-A

Matrix: Solid

Analysis Batch: 43779

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43713

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		01/11/23 09:47	01/12/23 19:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 19:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 19:44	1

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-43713/1-A
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43713

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	140	S1+	70 - 130	01/11/23 09:47	01/12/23 19:44	1				
o-Terphenyl	123		70 - 130	01/11/23 09:47	01/12/23 19:44	1				

Lab Sample ID: LCS 880-43713/2-A
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43713

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1063		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1036		mg/Kg		104	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	125		70 - 130								
o-Terphenyl	108		70 - 130								

Lab Sample ID: LCSD 880-43713/3-A
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43713

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	978.4		mg/Kg		98	70 - 130	8	20	
Diesel Range Organics (Over C10-C28)			1000	766.4	*1	mg/Kg		77	70 - 130	30	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	101		70 - 130									
o-Terphenyl	85		70 - 130									

Lab Sample ID: 890-3781-A-21-D MS
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 43713

	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	927.5		mg/Kg		89	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U *1	998	862.9		mg/Kg		86	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	87		70 - 130									
o-Terphenyl	82		70 - 130									

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3781-A-21-E MSD

Matrix: Solid

Analysis Batch: 43779

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 43713

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	997	1064		mg/Kg		103	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	997	993.4		mg/Kg		100	70 - 130	14	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	94		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-43540/1-A

Matrix: Solid

Analysis Batch: 43613

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			01/11/23 13:38	1

Lab Sample ID: LCS 880-43540/2-A

Matrix: Solid

Analysis Batch: 43613

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.0		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-43540/3-A

Matrix: Solid

Analysis Batch: 43613

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	263.6		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-3772-7 MS

Matrix: Solid

Analysis Batch: 43613

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	54.5	F1	250	420.0	F1	mg/Kg		146	90 - 110

Lab Sample ID: 890-3772-7 MSD

Matrix: Solid

Analysis Batch: 43613

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	54.5	F1	250	435.1	F1	mg/Kg		152	90 - 110	4	20

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

GC VOA

Prep Batch: 43511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	5035	
890-3772-2	H-2	Total/NA	Solid	5035	
890-3772-3	H-3	Total/NA	Solid	5035	
890-3772-4	H-4	Total/NA	Solid	5035	
890-3772-5	H-5	Total/NA	Solid	5035	
890-3772-6	H-6	Total/NA	Solid	5035	
890-3772-7	AH-1 (0-1')	Total/NA	Solid	5035	
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	5035	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	5035	
890-3772-10	AH-2 (0-1')	Total/NA	Solid	5035	
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	5035	
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	5035	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	5035	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	5035	
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	5035	
MB 880-43511/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43511/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43511/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3772-1 MS	H-1	Total/NA	Solid	5035	
890-3772-1 MSD	H-1	Total/NA	Solid	5035	

Prep Batch: 43542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43542/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 43654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	5035	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	5035	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	5035	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	5035	
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	5035	
MB 880-43654/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43654/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43654/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3781-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-3781-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 43785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	8021B	43511
890-3772-2	H-2	Total/NA	Solid	8021B	43511
890-3772-3	H-3	Total/NA	Solid	8021B	43511
890-3772-4	H-4	Total/NA	Solid	8021B	43511
890-3772-5	H-5	Total/NA	Solid	8021B	43511
890-3772-6	H-6	Total/NA	Solid	8021B	43511
890-3772-7	AH-1 (0-1')	Total/NA	Solid	8021B	43511
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8021B	43511
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8021B	43511
890-3772-10	AH-2 (0-1')	Total/NA	Solid	8021B	43511
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	8021B	43511

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 43785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	8021B	43511
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8021B	43511
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8021B	43511
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8021B	43511
MB 880-43511/5-A	Method Blank	Total/NA	Solid	8021B	43511
MB 880-43542/5-A	Method Blank	Total/NA	Solid	8021B	43542
LCS 880-43511/1-A	Lab Control Sample	Total/NA	Solid	8021B	43511
LCSD 880-43511/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43511
890-3772-1 MS	H-1	Total/NA	Solid	8021B	43511
890-3772-1 MSD	H-1	Total/NA	Solid	8021B	43511

Analysis Batch: 43863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	Total BTEX	
890-3772-2	H-2	Total/NA	Solid	Total BTEX	
890-3772-3	H-3	Total/NA	Solid	Total BTEX	
890-3772-4	H-4	Total/NA	Solid	Total BTEX	
890-3772-5	H-5	Total/NA	Solid	Total BTEX	
890-3772-6	H-6	Total/NA	Solid	Total BTEX	
890-3772-7	AH-1 (0-1')	Total/NA	Solid	Total BTEX	
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3772-10	AH-2 (0-1')	Total/NA	Solid	Total BTEX	
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	Total BTEX	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 43866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8021B	43654
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8021B	43654
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8021B	43654
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8021B	43654
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8021B	43654
MB 880-43654/5-A	Method Blank	Total/NA	Solid	8021B	43654
LCS 880-43654/1-A	Lab Control Sample	Total/NA	Solid	8021B	43654
LCSD 880-43654/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43654
890-3781-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	43654
890-3781-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43654

Analysis Batch: 44223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8021B	44226
MB 880-44226/5-A	Method Blank	Total/NA	Solid	8021B	44226
LCS 880-44226/1-A	Lab Control Sample	Total/NA	Solid	8021B	44226
LCSD 880-44226/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44226
890-3860-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	44226
890-3860-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	44226

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

GC VOA

Prep Batch: 44226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-13	AH-3 (0-1')	Total/NA	Solid	5035	
MB 880-44226/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44226/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44226/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3860-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-3860-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 43692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	8015B NM	43699
890-3772-2	H-2	Total/NA	Solid	8015B NM	43699
890-3772-3	H-3	Total/NA	Solid	8015B NM	43699
890-3772-4	H-4	Total/NA	Solid	8015B NM	43699
890-3772-5	H-5	Total/NA	Solid	8015B NM	43699
890-3772-6	H-6	Total/NA	Solid	8015B NM	43699
MB 880-43699/1-A	Method Blank	Total/NA	Solid	8015B NM	43699
LCS 880-43699/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43699
LCSD 880-43699/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43699
890-3772-1 MS	H-1	Total/NA	Solid	8015B NM	43699
890-3772-1 MSD	H-1	Total/NA	Solid	8015B NM	43699

Analysis Batch: 43694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-7	AH-1 (0-1')	Total/NA	Solid	8015B NM	43712
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8015B NM	43712
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8015B NM	43712
890-3772-10	AH-2 (0-1')	Total/NA	Solid	8015B NM	43712
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	8015B NM	43712
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	8015B NM	43712
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8015B NM	43712
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8015B NM	43712
MB 880-43712/1-A	Method Blank	Total/NA	Solid	8015B NM	43712
LCS 880-43712/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43712
LCSD 880-43712/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43712
880-23565-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	43712
880-23565-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	43712

Prep Batch: 43699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	8015NM Prep	
890-3772-2	H-2	Total/NA	Solid	8015NM Prep	
890-3772-3	H-3	Total/NA	Solid	8015NM Prep	
890-3772-4	H-4	Total/NA	Solid	8015NM Prep	
890-3772-5	H-5	Total/NA	Solid	8015NM Prep	
890-3772-6	H-6	Total/NA	Solid	8015NM Prep	
MB 880-43699/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43699/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43699/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3772-1 MS	H-1	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 43699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1 MSD	H-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 43712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-7	AH-1 (0-1')	Total/NA	Solid	8015NM Prep	
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3772-10	AH-2 (0-1')	Total/NA	Solid	8015NM Prep	
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8015NM Prep	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-43712/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43712/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43712/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23565-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-23565-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 43713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
MB 880-43713/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43713/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43713/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3781-A-21-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3781-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 43772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	8015 NM	
890-3772-2	H-2	Total/NA	Solid	8015 NM	
890-3772-3	H-3	Total/NA	Solid	8015 NM	
890-3772-4	H-4	Total/NA	Solid	8015 NM	
890-3772-5	H-5	Total/NA	Solid	8015 NM	
890-3772-6	H-6	Total/NA	Solid	8015 NM	
890-3772-7	AH-1 (0-1')	Total/NA	Solid	8015 NM	
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8015 NM	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8015 NM	
890-3772-10	AH-2 (0-1')	Total/NA	Solid	8015 NM	
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	8015 NM	
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	8015 NM	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8015 NM	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8015 NM	
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 43779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8015B NM	43713
MB 880-43713/1-A	Method Blank	Total/NA	Solid	8015B NM	43713
LCS 880-43713/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43713
LCSD 880-43713/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43713

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 43779 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-A-21-D MS	Matrix Spike	Total/NA	Solid	8015B NM	43713
890-3781-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	43713

HPLC/IC

Leach Batch: 43540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Soluble	Solid	DI Leach	
890-3772-2	H-2	Soluble	Solid	DI Leach	
890-3772-3	H-3	Soluble	Solid	DI Leach	
890-3772-4	H-4	Soluble	Solid	DI Leach	
890-3772-5	H-5	Soluble	Solid	DI Leach	
890-3772-6	H-6	Soluble	Solid	DI Leach	
890-3772-7	AH-1 (0-1')	Soluble	Solid	DI Leach	
890-3772-8	AH-1 (1-1.5')	Soluble	Solid	DI Leach	
890-3772-9	AH-1 (2-2.5')	Soluble	Solid	DI Leach	
890-3772-10	AH-2 (0-1')	Soluble	Solid	DI Leach	
890-3772-11	AH-2 (1-1.5')	Soluble	Solid	DI Leach	
890-3772-12	AH-2 (2-2.5')	Soluble	Solid	DI Leach	
890-3772-13	AH-3 (0-1')	Soluble	Solid	DI Leach	
890-3772-14	AH-3 (1-1.5')	Soluble	Solid	DI Leach	
890-3772-15	AH-3 (2-2.5')	Soluble	Solid	DI Leach	
MB 880-43540/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43540/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43540/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3772-7 MS	AH-1 (0-1')	Soluble	Solid	DI Leach	
890-3772-7 MSD	AH-1 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 43613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Soluble	Solid	300.0	43540
890-3772-2	H-2	Soluble	Solid	300.0	43540
890-3772-3	H-3	Soluble	Solid	300.0	43540
890-3772-4	H-4	Soluble	Solid	300.0	43540
890-3772-5	H-5	Soluble	Solid	300.0	43540
890-3772-6	H-6	Soluble	Solid	300.0	43540
890-3772-7	AH-1 (0-1')	Soluble	Solid	300.0	43540
890-3772-8	AH-1 (1-1.5')	Soluble	Solid	300.0	43540
890-3772-9	AH-1 (2-2.5')	Soluble	Solid	300.0	43540
890-3772-10	AH-2 (0-1')	Soluble	Solid	300.0	43540
890-3772-11	AH-2 (1-1.5')	Soluble	Solid	300.0	43540
890-3772-12	AH-2 (2-2.5')	Soluble	Solid	300.0	43540
890-3772-13	AH-3 (0-1')	Soluble	Solid	300.0	43540
890-3772-14	AH-3 (1-1.5')	Soluble	Solid	300.0	43540
890-3772-15	AH-3 (2-2.5')	Soluble	Solid	300.0	43540
MB 880-43540/1-A	Method Blank	Soluble	Solid	300.0	43540
LCS 880-43540/2-A	Lab Control Sample	Soluble	Solid	300.0	43540
LCSD 880-43540/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43540
890-3772-7 MS	AH-1 (0-1')	Soluble	Solid	300.0	43540
890-3772-7 MSD	AH-1 (0-1')	Soluble	Solid	300.0	43540

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: H-1

Lab Sample ID: 890-3772-1

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 22:17
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 10:56
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 14:47

Client Sample ID: H-2

Lab Sample ID: 890-3772-2

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 22:37
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 12:02
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:06

Client Sample ID: H-3

Lab Sample ID: 890-3772-3

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 22:58
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 12:24
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:12

Client Sample ID: H-4

Lab Sample ID: 890-3772-4

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 23:18
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07

Eurofins Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Client Sample ID: H-4

Lab Sample ID: 890-3772-4

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 12:47
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:18

Client Sample ID: H-5

Lab Sample ID: 890-3772-5

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 23:39
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 13:09
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:24

Client Sample ID: H-6

Lab Sample ID: 890-3772-6

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 23:59
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 13:32
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:30

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

Lab Sample ID: 890-3772-7

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 00:19
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 02:31

Eurofins Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3772-7

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:36

Client Sample ID: AH-1 (1-1.5')

Lab Sample ID: 890-3772-8

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		10	43866	MNR	EET MID	01/13/23 14:01
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 00:40
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 02:53
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:03

Client Sample ID: AH-1 (2-2.5')

Lab Sample ID: 890-3772-9

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		10	43866	MNR	EET MID	01/13/23 14:22
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 01:00
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 03:14
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:09

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

Lab Sample ID: 890-3772-10

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 01:21
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52

Eurofins Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3772-10

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 03:36
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:27

Client Sample ID: AH-2 (1-1.5')

Lab Sample ID: 890-3772-11

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 02:44
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 03:58
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:33

Client Sample ID: AH-2 (2-2.5')

Lab Sample ID: 890-3772-12

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 03:04
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 04:19
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:40

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

Lab Sample ID: 890-3772-13

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		250	43866	MNR	EET MID	01/13/23 14:42
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		100	43785	MNR	EET MID	01/13/23 05:07
Total/NA	Prep	5035			44226	MNR	EET MID	01/18/23 08:29
Total/NA	Analysis	8021B		1000	44223	MNR	EET MID	01/18/23 15:20
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07

Eurofins Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

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

Lab Sample ID: 890-3772-13

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 04:40
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:46

Client Sample ID: AH-3 (1-1.5')

Lab Sample ID: 890-3772-14

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		200	43866	MNR	EET MID	01/13/23 15:02
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		100	43785	MNR	EET MID	01/13/23 05:28
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 05:01
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:52

Client Sample ID: AH-3 (2-2.5')

Lab Sample ID: 890-3772-15

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		200	43866	MNR	EET MID	01/13/23 15:23
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		100	43785	MNR	EET MID	01/13/23 05:49
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/13/23 12:46
Total/NA	Prep	8015NM Prep			43713	DM	EET MID	01/11/23 09:47
Total/NA	Analysis	8015B NM		1	43779	AJ	EET MID	01/13/23 00:26
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:58

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
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	T104704400-22-25	06-30-23

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

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

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Convoy Central CTB

Job ID: 890-3772-1
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	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: Convoy Central CTB

Job ID: 890-3772-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3772-1	H-1	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-2	H-2	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-3	H-3	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-4	H-4	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-5	H-5	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-6	H-6	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-7	AH-1 (0-1')	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-8	AH-1 (1-1.5')	Solid	01/05/23 00:00	01/05/23 13:41	0 - 1
890-3772-9	AH-1 (2-2.5')	Solid	01/05/23 00:00	01/05/23 13:41	1 - 1.5
890-3772-10	AH-2 (0-1')	Solid	01/05/23 00:00	01/05/23 13:41	2 - 2.5
890-3772-11	AH-2 (1-1.5')	Solid	01/05/23 00:00	01/05/23 13:41	0 - 3.5
890-3772-12	AH-2 (2-2.5')	Solid	01/05/23 00:00	01/05/23 13:41	1 - 4.5
890-3772-13	AH-3 (0-1')	Solid	01/05/23 00:00	01/05/23 13:41	0 - 1
890-3772-14	AH-3 (1-1.5')	Solid	01/05/23 00:00	01/05/23 13:41	1 - 1.5
890-3772-15	AH-3 (2-2.5')	Solid	01/05/23 00:00	01/05/23 13:41	2 - 2.5

Analysis Request of Chain of Custody Record

Page 1 of 2**Tetra Tech, Inc.**
 901 W Wall Street, Ste 100
 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-3946


890-3772 Chain of Custody

Client Name: EOG	Site Manager: Brittany Long
Project Name: Convoy Central CTB	
Project Location: (county, state) Lea County, NM	Project #: 2121-MD-02458
Invoice to: EOG ATTN: Todd Wells	
Receiving Laboratory: Eurofins	Sampler Signature: <i>[Signature]</i>
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD			# CONTAINERS	FILTERED (Y/N)	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 RCL 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
		YEAR: 2023		WATER	SOIL	HCL	HNO ₃	ICE				
		DATE	TIME									
	H-1	1/5/23		X			X			X	X	
	H-2											
	H-3											
	H-4											
	H-5											
	H-6											
	AH-1 (0-1')											
	AH-1 (1-1.5')											
	AH-1 (2-2.5')											
	AH-2 (0-1')											

Relinquished by: Miguel A. Flores	Date: 1/5/23	Time:	Received by: Clare Cup	Date: 1341	Time: 1:5:23
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

16.3**16.1**

REMARKS:

Standard TAT☐ **RUSH:** Same Day 24 hr 48 hr 72 hr☐ Rush Charges Authorized☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

ORIGINAL COPY

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-3772-1

SDG Number: Lea County NM

Login Number: 3772

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-3772-1

SDG Number: Lea County NM

Login Number: 3772

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 01/09/23 08:26 AM

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



Appendix D

State Correspondence

Long, Brittany

From: Todd Wells <Todd_Wells@eogresources.com>
Sent: Monday, June 12, 2023 10:22 AM
To: Long, Brittany
Cc: James Kennedy
Subject: Fwd: EOG - Convoy Central CTB, Incident # nAPP2307047906

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

Brittany,

See the email below from Nelson Velez with the OCD regarding the extension of time request for the Convoy CTB site. Please work on the requested information and documentation that we can submit to the OCD by the stated 6/20 deadline.

Thank you,

Todd

Sent from my iPhone

Begin forwarded message:

From: "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>
Date: June 12, 2023 at 10:06:53 AM CDT
To: Todd Wells <Todd_Wells@eogresources.com>
Subject: RE: EOG - Convoy Central CTB, Incident # nAPP2307047906

You don't often get email from nelson.velez@emnrd.nm.gov. [Learn why this is important](#)

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

Good morning Todd,

Many of the site characterization/assessment (SC/A) data (Form C-141 page 3), such as determining depth to water, especially when OCD is only given an estimation, can be achieved administratively. Therefore, OCD will grant EOG Resources' (**EOG**) time extension request with an updated closure report deadline of 08/11/2023 under the conditions that the following information is provided with supporting documentation (19.15.29.11A) and all remedial activities to date be submitted by 06/20/2023 through the OCD Permitting application C-141 portal;

1. Provide as best as possible, the shallowest depth to groundwater beneath the area affected by the release
2. Provide information as to whether the release impacted groundwater or surface water
 - a. groundwater impact may be determined based on research findings and possibly interpreted as having a higher- than-average probability of occurring (e.g. – high volume release, high soil porosity, shallow groundwater).

3. Provide the lateral extents of the release if within 300 feet of a continuously flowing watercourse or any other significant watercourse
4. Provide the lateral extents of the release if within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)
5. Provide the lateral extents of the release if within 300 feet of an occupied permanent residence, school, hospital, institution, or church
6. Provide the lateral extents of the release if within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes
7. Provide the lateral extents of the release if within 1000 feet of any other fresh water well or spring
8. Provide the lateral extents of the release if within incorporated municipal boundaries or within a defined municipal fresh water well field
9. Provide the lateral extents of the release if within 300 feet of a wetland
10. Provide the lateral extents of the release if overlying a subsurface mine
11. Provide the lateral extents of the release if overlying an unstable area(s)
12. Provide the lateral extents of the release if within a 100-year floodplain
13. Provide information whether the release impact areas are not on an exploration, development, production, or storage site
14. Provide a scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells if applicable
15. Any field data collected
16. Data table of soil contaminant concentration, if any
17. Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
18. Photographs associated with the release that includes date/time and/or GIS information for the photographs collected
19. Topographic/Aerial maps showing the areal extent of the impacted area
20. Laboratory data including chain of custody if any sampling has been completed
21. 19.15.29 NMAC Table I closure standard determination
22. Remediation Plan per 19.15.29.12C NMAC.

If OCD has not received the required documentations or the final closure report by June 20, 2023, EOG will remain non-compliant with 19.15.29.11, 19.15.29.12, and 19.15.29.13 NMAC.

Upon receipt of the documentation, OCD reserved the right to request additional information if needed (19.15.29.11C NMAC).

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Thank you for your cooperation regarding this incident.

Regards,

Nelson Velez • Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 227856

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 227856
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	1. OCD recommends drilling an exploratory boring to at least 55 feet (ft.) below ground surface (bgs) as close to the point of release in order to determine if depth to water is less than 50 ft. bgs. 2. Operator required to establish vertical extent at AH-3. 3. Remediation Due date set for 60-days after this approval with conditions (08/21/2023).	6/21/2023